



P2000AE

Security Management System

Database Table Definitions

for Creating Custom Reports

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Security Solutions
(805) 522-5555
www.johnsoncontrols.com

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DATABASE TABLE DEFINITIONS

OVERVIEW

The P2000AE Database Table Definitions are provided to assist you in creating custom reports using Crystal Reports®. You can create custom reports in Crystal Reports and import them into the P2000AE system, or existing P2000AE reports can be edited in Crystal Reports and imported into the P2000AE system. This document assumes you have your own copy of Crystal Reports, and you are familiar on how reports are run by the P2000AE system.

NOTE

“P2000AE” is also referred to as “P2000” throughout this manual.

While P2000 Standard Reports are very easy to understand and run, custom reports should be created by someone experienced with report design and operation, and should be attempted only by those qualified to do so. This document is intended for use by a system administrator or other qualified professional who possess a reasonable level of experience with relational databases. Experience should also include knowledge of SQL Server and SQL Language technologies.

NOTE

Although Crystal Reports XI is an acceptable version, we recommend using Crystal Reports version 9.0 with this release of the P2000 software.

To write custom reports you need to know how the database is constructed. You must know the field/table relationships for the information you need before you can create new fields for your reports. This document contains a description of all the database tables used in the P2000 system and a brief description of what each field contains. Tables often contain a unique identifier field that is generated by the database engine as items are added. This identifier is used to relate entries in the database to each other. For example, all terminals installed on a panel with a *p_panel_id* of 1000 will have their *tp_panel_id* field also set to a value of 1000, this allows a report to print a list of all terminals on a specific panel.

In a partitioned system, custom reports created for the P2000 system should include two parameter fields, “Partition (>=)” and “Partition (<=)”, and these will be supplied by the P2000 system when the report is launched. We recommend using these parameters to filter the report data so only information for the correct partition(s) appears on the report.

The following examples show how the Partition parameter fields are defined. These dialog boxes may differ slightly depending on the Crystal Reports version you are using.

Edit Parameter Field

Parameter Field

Name: Partition (>=)

Prompting text: Partition (>=)

Value type: Number

Options

☐ Allow multiple values

☒ Discrete value(s)

☐ Range value(s)

☐ Discrete and Range Values

☒ Allow editing of default values when there is more than one value

Set default values

OK Cancel Help

Partition >= Parameter Field

Click **Select default values** and enter **1.00**

Set Default Values

Select from database

Browse table:

Browse field:

Select or enter value to add:

Default Values	Description
1.00	

Import pick list Export pick list Define description

Options

☐ Range Limited Field

Min Value: 0.00

Max Value: 0.00

Display: Value and description

Order: No sort

Order based on: Value

OK Cancel Help

Edit Parameter Field

Parameter Field

Name: Partition (<=)

Prompting text: Partition (<=)

Value type: Number

Options

☐ Allow multiple values

☒ Discrete value(s)

☐ Range value(s)

☐ Discrete and Range Values

☒ Allow editing of default values when there is more than one value

Set default values

OK Cancel Help

Partition <= Parameter Field

Click **Select default values** and enter **999.00**

Set Default Values

Select from database

Browse table:

Browse field:

Select or enter value to add:

Default Values	Description
999.00	

Import pick list Export pick list Define description

Options

☐ Range Limited Field

Min Value: 0.00

Max Value: 0.00

Display: Value and description

Order: No sort

Order based on: Value

OK Cancel Help

When creating your reports, be sure to use the P2000EntityConfig or P2000History ODBC Data Source(s) as your database connection. Using another data source may prevent the report from running correctly from P2000 workstations. The P2000EntityConfig and P2000History ODBC Data Sources are created by the P2000 installation.

NOTE

Custom reports may need to be modified after a P2000 software version upgrade, since the database structure may have changed.

Refer to the field/table relationship information starting on page 2-1 to create your reports, and follow the instructions provided in your Crystal Reports documentation.

Understanding P2000 Version 4.1 Databases

The P2000 version 4.1 database structure varies significantly from the structures in previous versions of P2000. While many table structures appear to be similar to that of previous versions, one of the most fundamental changes is the increased dependency upon GUIDs (Global Unique Identifier) as unique record identifiers. Most tables now use this GUID as the primary link between records that are associated with other records on related tables.

Another notable change with the P2000 version 4.1 database is the introduction of Enumeration tables. These ENUM tables now contain a list of all text values associated with an ID. For example, in the past the transaction history table contained an ID for a specific history message, and the plain text associated with that ID was stored in the internal code of the P2000 application. In P2000 version 4.1 the associated text values have now been moved to the database ENUM tables where they can be accessed as part of the relational database structure. See “EnumSet and EnumValue Tables” on page 1-13 for more information.

The P2000 version 4.1 database structure now includes two separate databases, P2000EntityConfig and P2000History.

P2000EntityConfig

Includes all configuration information related to the P2000 environment. This includes Entity configuration information, Identifier and Access Profile configuration information, and Hardware configuration information.

P2000History

Includes records that constitute historical data for the P2000 environment. For example, it is within this database that the Audit and Transaction tables are stored, which contain a history of all audit messages and system transaction messages, respectively.

Custom Reports for Enterprise Environments

P2000 version 4.1 supports the Enterprise option, which requires some specific considerations when designing a custom report. Primarily the two key components that should be kept in mind when designing a custom report on a P2000 Enterprise environment is the proper understanding of enterprise related data columns, as well as an understanding of how records are saved for specific sites.

For specifics behind how the database table relationships are structured for handling the Enterprise option, and how enterprise specific data columns are used, please refer to the table definitions section of this document, starting on page 2-1.

In the case of handling site specific records in an Enterprise environment, you should note that the **[localsite]** table in the P2000EntityConfig database contains the GUID associated with the local site to which the existing P2000 server is configured as. This GUID should be used, where applicable, in order to extract records from other P2000 tables to ensure that only records associated with the proper local site are reported. Most tables in the P2000 database contain a *site* column.

The **[localsite]** table will contain only one record, consisting of the local site GUID. If the custom report developer wishes to also extract the name of the local site as configured in the P2000 environment, the **[ent_site]** table will contain a list of all sites configured in the P2000 Enterprise environment, and list both the GUIDs associated with each site, along with the site name.

Tables that use a site related column will typically store the site GUID. For example, entity records are contained in the **[Entity]** table, while their site related information is stored in the **[EntitySite]** table. Within the **[EntitySite]** table there is a column named *EnterpriseSiteGUID*. It is this column that would thus contain the GUID associated with whatever site that entity belonged to. Therefore, creating a relationship between this column with the *ls_guid* column in the **[localsite]** table would force only records to be displayed from the **[EntitySite]** table that belong to the same site as the one the local P2000 Server is configured as. Finally, to complete the example, the **[Entity]** table would then be joined into the **[EntitySite]** table using the *EntityGuid* column as the relationship between those two tables. With this final step, the custom report would now allow the reporting of entities configured in the P2000 system for only the local site.

We recommended that even in environments where the Enterprise option is not enabled, the local site relationships previously mentioned should be used when extracting records for reporting. However, if it is the intent of the custom report design to report data for all sites configured within the P2000 environment (even if that should include only one site), the **[localsite]** value is not required for consideration when building the custom report, and therefore data for all sites will be reported upon.

You should note that in some cases, especially in the case of history records stored in the P2000History table, site information is stored by site name, instead of site GUID (for example, as would be in the case of the transaction history table named **[xaction]**). In this case, this would require that the user configure the custom report to either supply the local site name as a parameter, or to use the **[EntitySite]** and **[localsite]** tables to create a relationship with the table in question in order to use the site name instead of the GUID.

Report Design Recommendations

Due to the complexity of the database structure under P2000 version 4.1, along with the fact that two different ODBC database connections exist for P2000, we recommend that all custom Crystal Reports be written using stored procedures. While the alternative does exist in which table relationships can be defined within the Crystal Reports developer, this may not function reliably given the complexity of this database, and may possibly not support the use of multiple ODBC databases.

A custom report developed for P2000 version 4.1 should instead use a stored procedure, or at the very least, an SQL view. Crystal Reports does not support the use of an SQL Server Function.

Stored procedures do offer a distinct advantage over an SQL view, in that filter parameters can be incorporated into the stored procedure, with values passed in from the Crystal Report runtime window.

For more information on creating stored procedures and SQL views, please refer to your SQL Server documentation.

P2000 SQL DATA SOURCES

This section describes the general layout of the P2000 SQL data sources. The layout definition consists of the following parts:

- P2000 SQL Databases
- P2000 Database Security
- P2000 Partitioning Classifications
- P2000 FDA Classifications
- P2000 Replication Classifications

P2000 SQL Database

In previous versions, P2000 combined history and configuration (cardholder and hardware/system configuration) within one database. A second database (BadgeImages) was used to store cardholder portraits, signatures and fingerprint.

In P2000 version 4.1 the database structure includes two separate databases. The following table displays the contents of each database.

Table 1: P2000 V4.1 Databases

Database	Contents
P2000EntityConfig	<ul style="list-style-type: none">■ Entity / Identifier information including images and biometric information■ Operator■ Menu Permissions■ Partitions■ Entity / Access Profile status information■ Access Control Hardware■ Hardware Status Information■ P2000 configuration information such as<ul style="list-style-type: none">• Access Groups• Time Zones• Workstations• Message Filtering■ Access Control Hardware■ Status Information■ Repository tables for storing BACnet configuration information in FDB like database structure
P2000History	<ul style="list-style-type: none">■ Transaction History■ Audit Trail■ Alarm History

P2000 provides backup and restore mechanisms for both databases. The P2000EntityConfig and P2000History databases are provided as separate archive databases, which are used for reporting purposes only.

In addition, both databases are loosely connected, allowing the databases to be backed up and restored separately.

P2000 Database Security

Previous versions of P2000 secured the access to the P2000 database by using the following methods:

- By authenticating P2000 users against the established Windows operators of the SQL Server machine
- By the Windows Authentication defined within MS SQL Server security settings

- By using database application roles, which reduced the access rights granted to the individual Windows User to a minimum and extended these rights when accessing the database through the P2000 application.

The P2000 Database Security for P2000 version 4.1 is based on the following principles:

- Individual Windows Users are only granted the least level of privilege required
- All P2000 applications are deemed to be trusted users of the above databases
- Any passwords used by P2000 applications should either be
 - Adjustable by the customer
 - Automatically changed by P2000 on a periodic basis and be different on different P2000 sites

P2000 Partitioning Classification

P2000 establishes Partitioning Rules to decide which records are accessible and/or modifiable by a P2000 operator.

The following table defines the different P2000 Partitioning Classifications.

Table 2: Partitioning Classifications

Category	Partitioned	Justification
P1	No	Records are applicable for the entire system. These records can only be modified when running the application in "Super User" partition. Record changes impact all P2000 partitions. Associated audit records are recorded for the partition "Super User" with the public attribute set to TRUE. Examples: Site, Operator
P2	Yes	Tables with records, which can be separated into different partitions. Examples: Panel, Terminals, Entities
P3	No/Yes	Tables containing local records, which can be partitioned, while at the same time containing enterprise records, which cannot be partitioned. Examples: Access Group, Time Zone
P4	N/A	Sub-records and temporary records that are not or not directly accessible. Sub-record follow the partitioning rules of the associated record.
P5	Yes	History information P2000 Alarms
P6	N/A	Internal system records and temporary records.

P2000 FDA Classifications

The P2000 product follows the rules for electronic record keeping as outlined in FDA Title 21 CFR Part 11. In accordance with this FDA Title 21 CFR Part 11, the P2000 FDA predicate rule has been established and P2000 database tables are categorized using this rule.

According to this rule only records, which impact the system security or the record retention are considered to be relevant for FDA compliance. The different FDA record categories are summarized in the following table.

Table 3: FDA Classifications

Category ^a	Former FDA Category	FDA Applicable	Justification
F1	1,2	Yes	Records stored in this table impact product quality, safety, and system integrity.
F2	3A	Yes	Records stored in this table retain the status for an item (entity, identifier, access profile or equipment). The transition of these hardware items is stored in the in history/transaction tables, which are category F4 hence the contents of these status tables are not to be maintained with a detailed change history.
F3	3B	No	Records stored in this table retain the status for an item (entity, identifier, access profile or equipment). The record does neither contain nor trigger any security relevant operation.
F4		Yes	Records in this table retain the history/transaction, which occurred within the system. Hence these tables impact product quality, safety, and record integrity. Therefore, the individual records will be protected with a digital signature.
F5		No	Data is not persistent, system internally processed, and stored only for buffering requirements.
F6		No	Records in this table contain processing commands/requests for the security system. These records are validated either by a trusted P2000 process (such as MIS Interface or Request-Queue services) or by a P2000 Operator. Any operations or record changes which are based on the issued requests/commands are subject to the FDA predicate rule in accordance with the effected tables. The storage of request or command itself does not impact the system security.

Table 3: FDA Classifications

Category ^a	Former FDA Category	FDA Applicable	Justification
F7		No	Records that cannot be modified by the P2000 operator (such as the data definition for the P2000 object repository).
F8		No	Operator entered information in the P2000 data repository (for example, CK722 object configuration information).

a. The categories have been re-numbered and no longer match number range introduced for P2000 FDA Title 21 CFR Part 11 document.

P2000 implements the following main features to ensure record integrity and to allow the tracing of any changes:

- Digital Signatures to detect record tampering
- Secondary Tables to provide a full record change history

The FDA predicate rule requirement for each table category is defined in the following table.

Table 4: FDA Requirements by FDA Category

Category	Digital Signature	Secondary Table
F1	Yes	Yes
F2	Yes	No
F3	No	No
F4	Yes	No
F5	No	No
F6	No	No
F7	No	No
F8	No	No

The required secondary tables are maintained in the database of the primary table.

P2000 Replication Classifications

P2000 uses Microsoft SQL Server's database replication to provide the P2000 Enterprise solution. The P2000 Enterprise Solution allows:

- Centralized Entity Management
- Restore of Enterprise Site information from the Central Enterprise Server

The following table defines the replication categories for P2000 database tables.

Table 5: Replication Classifications

Category	Replicate	Justification
R1	Yes, unfiltered	Tables containing P2000 data, which applies to all enterprise sites.
R2	Yes, filtered	Tables containing P2000 data, which applies to individual P2000 sites within the enterprise.
R3	No	Tables containing P2000 data, which applies to the local P2000 site ONLY.

Data Types

P2000 adheres to the following rules when storing information in the P2000 database:

- Date/time values are stored as UTC values whenever referring to validation ranges or identifying the date/time when an event/action occurred.
Any date/time information stored in the database is presumed to be UTC time, unless explicitly mentioned otherwise (example for *date of birth*).
- All character fields (such as names) are stored as UNICODE strings using either of the following SQL server data types:
 - nchar
 - ntext
 - nvarchar

Within the documentation of the design documents, P2000 uses "Documentation Types" such as *BACnetOID*. These types do NOT reflect an actual database type and are implemented with their native type when defining the actual database tables; but for documentation purposes the used documentation types are easier to understand and easier to modify, as their modification would impact multiple object.

Table 6: P2000 Database Documentation Types

Documentation Type	Native Type	Description
BACnetOID	int	BACnet Object ID excluding type for this P2000 object.
Bigint	bigint	Long integer, normally used for host counters (such as area occupancy).
BitMask	smallint	Bit flagged field (such as BACnet Interface for panels).
BOOL	bit	
ComputerName	Nchar(255)	Fully qualified name of the P2000 computer.
Description	Nchar	Description for internal documentation purposes only.
EnumValue	Int	Enumeration value, which meaning is defined within the EnumVal table.
IP Address	Nchar(16)	IP Address
Name	Nchar(32)	Name of an item, which does not act as object name within this table (such as Partition in the History Table).
ObjectName	Nchar(32)	Object name of an item. Object names are unique within the enterprise site. The database table enforces this uniqueness by establishing an unique index.
PrimaryKey	Uniqueidentifier	Primary Key of the database table. This field acts as ROWGUID for database replication.
QueryString	Nchar(64)	BACnet Query string used for message filtering.
ReferenceGUID	Uniqueidentifier	GUID columns that references another database record. Reference is enforced using a foreign key.
ReferenceINT	Int	INT columns that reference another database record. References are enforced using a foreign key.
Signature	Int	The digital signature of an FDA record.
IDENTITY	Int	Identity column within database. Unique key and seed.
XmlDocument	Image	XML document stored as an image within P2000, used to persist information such as operator preferences.

Rules for Table Structures

Replicated Tables

The following rules apply when defining a table that must be replicated between multiple P2000 sites:

- Each table participating in database replication contains a unique identifier, which is defined with the attribute ROWGUID.
- The ROWGUID attribute is always the non-clustered primary key.

FDA Primary Tables

Each database table with the FDA classification “F1” is regarded as “FDA Primary Table.” Every such table will:

- Have a matching FDA Secondary Table to maintain a history of all record modifications.
- Have a “Digital Signature” column, so that P2000 can detect record tampering.
- Ensure that modifications to its contents can only be carried out, if an audit GUID is provided.

FDA Secondary Tables

The FDA Secondary Table matches the column definitions of the FDA Primary table with the following modifications:

- The primary key of the secondary table is the combination of the primary table’s primary key plus an identification of the applied database operation (insert, update, delete) and the audit GUID.
- A digital signature, which includes the audit GUID and the database operation performed.
- The primary key of the secondary table is NOT clustered.

Table 7: Additional Columns in Secondary Table

Table	Description
Upd_guid	containing the audit GUID causing the update
Upd_mode	defining the update operation performed (2 - add, 1 - insert, 0 - delete)
Upd_timestamp	UTC time when changed occurred
Upd_checksum	digital signature for secondary table
Upd_rowguid	RowGuid for replication

FDA Status/History Tables

The FDA status and history tables of FDA classification “F2” and “F4” contain a Digital Signature column to detect record tampering.

ENUMSET AND ENUMVALUE TABLES

P2000 version 4.1 uses the concept of enumeration sets and values. This information exists in both the P2000EntityConfig and P2000History databases.

P2000 uses multiple constants to implement lists of audit items, audit actions, transaction types, history types, alarm types, alarm conditions, and alarm states. Instead of hard coding these and similar lists within the P2000 software, these lists are named within the **EnumSet** table and the predetermined values for these named lists are stored in the **EnumValue** table.

This allows the addition of new types to the above lists without having to modify the P2000 applications using these list or P2000 reports displaying these information. For example, the table **EnumValueEnumValue** allows the enumeration value of the type *AuditItem* to reference their associated audit actions.

To allow the localization of the predefined value list, the table **DisplayName** has been added to allow the translation of P2000 strings. When installing a non-English user interface the appropriate values for the information contained in the tables **EnumSet** and **EnumValue** have been automatically added to the table **DisplayName**.

Refer to the table starting on page 3-1, which contains the currently identifier enumeration sets and their values.

► To obtain the Enumeration values associated with a specific Enumeration set:

1. Select ev.Value, ev.Name from EnumValue ev
Inner join EnumSet es on es.Guid = ev.EnumSetGuid and es.Id = ????
2. Replace ??? with Id number of enum set from provided table.

Database Structures

Database Name: P2000EntityConfig

Table Name: access_group_details

Table Comments: Defines the default timezone for P900 terminals/access groups combination

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	cag_ag_id	ReferenceInt			No	Access Group Reference
2	cag_term_id	ReferenceInt			No	Terminal (ACO) Reference
3	cag_tz	ReferenceInt			Yes	Time Zone Referemce
4	cag_default	Boolean			Yes	Indicates whether to use Access Group's default time zone
5	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
6	cag_guid	PrimaryKey			No	GUID for unique record identification
7	cag_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_access_group_details	Primary Key	1	cag_guid
IQ_access_group_details_cag_ag_id	Key	1	cag_ag_id
IQ_access_group_details_cag_term_id	Key	1	cag_term_id
IQ_access_group_details_cag_tz	Key	1	cag_tz
IQ_access_group_details_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_access_group_details_timezone_cag_tz	cag_tz	timezone(tz_id)
FK_access_group_details_accgroup_cag_ag_id	cag_ag_id	accgroup(ag_id)
FK_access_group_details_terminal_cag_term_id	cag_term_id	terminal(tp_term_id)
FK_access_group_details_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: access_group_number

Table Comments: Internal table that provides the translation between host and panel access group id, as panel does not support full ID number range utilized by the host.

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	agn_ag_id	ReferenceInt			No	Access Group Reference
2	agn_panel_id	ReferenceInt			No	Panel Reference
3	agn_al_number	smallint			No	Access Group Number to be used for the referenced access group within the referenced panel
4	agn_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
IQ_access_group_number_agn_ag_id	Key	1	agn_ag_id
IQ_access_group_number_agn_panel_id	Key	1	agn_panel_id

Foreign Key	Source Column	Referenced Column
FK_access_group_number_accgroup_agn_ag_id	agn_ag_id	accgroup(ag_id)
FK_access_group_number_panel_agn_panel_id	agn_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: AccessGroupRepositoryInstance

Table Comments: Table to link the access group to repository instances for eg Intrusion Access Rights

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Guid for unique record identification
2	AccessGroupGuid	ReferenceGuid			No	References the associated access group
3	RepositoryInstanceGuid	ReferenceGuid			No	References the repository instance
4	ReferenceType	int			Yes	Defines the type of reference. The applicable enumeration depends on the class id of the referenced objects
5	Checksum	Signature			No	Digital signature

Index	Key Type	Order	Column Name
PK_AccessGroupRepositoryInstance	Primary Key	1	Guid
IQ_AccessGroupRepositoryInstance_AccessGroupGuid	Key	1	AccessGroupGuid
IQ_AccessGroupRepositoryInstance_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid

Foreign Key	Source Column	Referenced Column
FK_AccessGroupRepositoryInstance_accgroup_AccessGroupGuid	AccessGroupGuid	accgroup(ag_guid)
FK_AccessGroupRepositoryInstance_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: AccessProfileDetails

Table Comments: Stores an ordered list of Access Group / Timezone combinations for the associated access profile. Each access group / timezone combination might be valid for a limited period only. The number of access profile details records per access profile record shall

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	AccessProfileSiteGuid	ReferenceGuid			No	Access Profile Reference
3	Sequence	int			No	Sequence of AccessProfileDetails within associated Access Profile
4	TimeZoneGuid	ReferenceGuid			No	Time zone reference (optional)
5	AccessGroupGuid	ReferenceGuid			No	References the associated access or intrusion access group
6	ValidationStart	datetime			No	Validation start date/time (UTC) for the associated access group / timezone combination.
7	ValidationEnd	datetime			No	Validation end date/time (UTC) for the associated access group / timezone combination
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_AccessProfileDetails	Primary Key	1	Guid
IQ_AccessProfileDetails_AccessGroupGuid	Key	1	AccessGroupGuid
IQ_AccessProfileDetails_AccessProfileSiteGuid	Key	1	AccessProfileSiteGuid
IQ_AccessProfileDetails_TimeZoneGuid	Key	1	TimeZoneGuid

Foreign Key	Source Column	Referenced Column
FK_AccessProfileDetails_timezone_TimeZoneGuid	TimeZoneGuid	timezone(tz_guid)
FK_AccessProfileDetails_AccessProfileSite_AccessProfileSiteGuid	AccessProfileSiteGuid	AccessProfileSite(Guid)
FK_AccessProfileDetails_accgroup_AccessGroupGuid	AccessGroupGuid	accgroup(ag_guid)

Database Name: P2000EntityConfig

Table Name: AccessProfileHeader

Table Comments: Header record combining the different access profile site records

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	PrimaryKey
2	Name	Name	32		No	Name
3	PartitionGuid	ReferenceGuid			No	Partition Reference
4	IsPublic	Boolean			No	Defines whether this record can be viewed from other partitions
5	EntityGuid	ReferenceGuid			Yes	Entity Reference
6	ValidationStart	datetime			Yes	Validation start date/time (UTC) for this access profile
7	ValidationEnd	datetime			Yes	Validation end date/time (UTC) for this access profile.
8	CheckSum	int			No	Digital Signature
9	EnterpriseSiteGuid	ReferenceGuid			Yes	Enterprise Site Reference

Index	Key Type	Order	Column Name
PK_AccessProfileHeader	Primary Key	1	Guid
UQ_AccessProfileHeader_EntityName	Unique Key	1	EntityGuid
		2	Name
IQ_AccessProfileHeader_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_AccessProfileHeader_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AccessProfileHeader_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_AccessProfileHeader_Partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: AccessProfileSite

Table Comments: P2000 shall allow the storage of one (1) access profile per credential for each site within the P2000 enterprise and one record containing the enterprise wide settings. The record containing the enterprise wide settings shall only be configurable, if this

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EnterpriseSiteGuid	ReferenceGuid			Yes	Enterprise site reference
3	OwnerType	smallint			No	Defines the type of record OwnerGuid references. 1 - Access Profile, 2 - Access Profile Template
4	OwnerGuid	uniqueidentifier			No	References the associated record in the owner table defined. The name of the owner table is defined by the owner type.
5	Enabled	Boolean			No	Defines whether the profile is enabled
10	AccessLevel	smallint		2	No	Security Threat level (0 to 99)
11	AccessRoleGuid	ReferenceGuid		2	Yes	Access Role Reference
12	PrivilegeRoleGuid	ReferenceGuid		2	Yes	Privilege Role Reference
13	IsTraced	Boolean			No	Identifies whether transactions which are associated with the access profile shall generate a P2000 TRACE message or not
14	DnldSTIE	Boolean			No	Decides whether the identifier will be downloaded from the controller to the STIE terminal
17	ActionInterlockGuid	ReferenceGuid		2	Yes	Action Interlock Reference
18	ActionInterlockValue	float		2	No	Value for actioninterlock
19	EventPrivilege	smallint			No	Event Privilege
20	GuardTourPrivilege	int			No	Guard Tour Privilege Level (1 = highest)
21	Checksum	Signature			No	Contains the digital signature for the record.
22	UseEnterpriseSettings	Boolean			No	Determines whether to use the Enterprise Settings for security privileges instead of the local site settings

Index	Key Type	Order	Column Name
PK_AccessProfileSite	Primary Key	1	Guid
IQ_AccessProfileSite_AccessRoleGuid	Key	1	AccessRoleGuid
IQ_AccessProfileSite_ActionInterlockGuid	Key	1	ActionInterlockGuid
IQ_AccessProfileSite_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_AccessProfileSite_OwnerGuid	Key	1	OwnerGuid
IQ_AccessProfileSite_PrivilegeRoleGuid	Key	1	PrivilegeRoleGuid

Foreign Key	Source Column	Referenced Column
FK_AccessProfileSite_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AccessProfileSite_SecurityRole_AccessRoleGuid	AccessRoleGuid	SecurityRole(Guid)
FK_AccessProfileSite_actioninterlock_ActionInterlock Guid	ActionInterlockGuid	actioninterlock(ai_guid)
FK_AccessProfileSite_SecurityRole_PrivilegeRoleGuid	PrivilegeRoleGuid	SecurityRole(Guid)

Database Name: P2000EntityConfig

Table Name: AccessProfileSiteSecurityFlag

Table Comments: Allows the P2000 user to grant/deny security flags from selected security roles

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	AccessProfileSiteGuid	ReferenceGuid			No	References owning Access Profile Site Record
3	ThreatLevelState	int			No	ThreatLevelState (0 = normal, 1 = elevated)
4	SecurityFlagGuid	ReferenceGuid			No	Security Flag Reference
5	IsAdd	Boolean			No	Defines whether the associated security flag is to be added (1) or removed (0)
6	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_AccessProfileSiteSecurityFlag	Primary Key	1	Guid
IQ_AccessProfileSiteSecurityFlag_AccessProfileSiteGuid	Key	1	AccessProfileSiteGuid
		2	ThreatLevelState
IQ_AccessProfileSiteSecurityFlag_SecurityFlagGuid	Key	1	SecurityFlagGuid

Foreign Key	Source Column	Referenced Column
FK_AccessProfileSiteSecurityFlag_SecurityFlag_SecurityFlagGuid	SecurityFlagGuid	SecurityFlag(Guid)
FK_AccessProfileSiteSecurityFlag_AccessProfileSite_AccessProfileSiteGuid	AccessProfileSiteGuid	AccessProfileSite(Guid)

Database Name: P2000EntityConfig

Table Name: AccessProfileSiteStatus

Table Comments: Table providing status information for the access profile site record (eg last download status)

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	AccessProfileHeaderGuid	ReferenceGuid			No	References Access Profile
3	EnterpriseSiteGuid	ReferenceGuid			No	References Enterprise Site
4	DownloadStatus	EnumValue			No	Defines the type of the last download request for the access profile
5	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_AccessProfileSiteStatus	Primary Key	1	Guid
UQ_AccessProfileSiteStatus_AccessProfileHeaderGuidEnterpriseSiteGuid	Unique Key	1	AccessProfileHeaderGuid
		2	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_AccessProfileSiteStatus_EnterpriseSite_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AccessProfileSiteStatus_AccessProfileHeader_Guid	AccessProfileHeaderGuid	AccessProfileHeader(Guid)

Database Name: P2000EntityConfig
Table Name: AccessTemplate
Table Comments: Table for configuring action interlocks.

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record within the enterprise
3	PartitionGuid	ReferenceGuid			No	Partition Reference
4	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
5	IsEnabled	Boolean			No	Defines whether this access template can be used or not
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_AccessTemplate	Primary Key	1	Guid
UQ_AccessTemplate_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	Name
IQ_AccessTemplate_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_AccessTemplate_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_AccessTemplate_partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: accgroup

Table Comments: Defines access groups available within Enterprise or Enterprise Site.

Partitioned: 3 Mixed

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ag_partition	ReferenceInt			No	Partition Reference
2	ag_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ag_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ag_name	nchar	32		No	Access Group Name, unique within Enterprise site
5	ag_enable	Boolean			Yes	Enabled (1) or not (0)
6	ag_default_tz	ReferenceInt			Yes	Time zone reference (optional)
7	EnterpriseSiteGuid	ReferenceGuid			Yes	Enterprise Site Reference
8	ag_guid	PrimaryKey			No	GUID for unique record identification
9	ag_checksum	Signature			No	Digital Signature
10	ag_type	EnumValue			No	Enumeration identifying the access group type

Index	Key Type	Order	Column Name
PK_accgroup	Primary Key	1	ag_guid
UQ_accgroup_ag_id	Unique Key	1	ag_id
UQ_accgroup_name_EnterpriseSiteGuid	Unique Key	1	EnterpriseSiteGuid
		2	ag_name
IQ_accgroup_ag_default_tz	Key	1	ag_default_tz
IQ_accgroup_ag_partition	Key	1	ag_partition

Foreign Key	Source Column	Referenced Column
FK_accgroup_partition_ag_partition	ag_partition	partition(part_number)
FK_accgroup_timezone_ag_default_tz	ag_default_tz	timezone(tz_id)
FK_accgroup_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: accgrpelevator
Table Comments: Links access group to floor or elevator groups
Partitioned: 4 Sub-record
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	age_ag_id	ReferenceInt			No	Access Group Reference
2	age_grp_id	ReferenceInt			No	Floor / Door Group Reference
4	age_guid	PrimaryKey			No	GUID for unique record identification
5	age_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_accgrpelevator	Primary Key	1	age_guid
IQ_accgrpelevator_age_ag_id	Key	1	age_ag_id
IQ_accgrpelevator_age_grp_id	Key	1	age_grp_id

Foreign Key	Source Column	Referenced Column
FK_accgrpelevator_accgroup_age_ag_id	age_ag_id	accgroup(ag_id)
FK_accgrpelevator_floorgrp_age_grp_id	age_grp_id	floorgrp(fg_id)

Database Name: P2000EntityConfig
Table Name: accgrp_term
Table Comments: Links access group to terminals

Partitioned: 4 Sub-record
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	agt_ag_id	ReferenceInt			No	Access Group Reference
2	agt_term_id	ReferenceInt			No	Terminal Reference
4	agt_guid	PrimaryKey			No	GUID for unique record identification
5	agt_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_accgrp_term	Primary Key	1	agt_guid
IQ_accgrp_term_agt_ag_id	Key	1	agt_ag_id
IQ_accgrp_term_agt_term_id	Key	1	agt_term_id

Foreign Key	Source Column	Referenced Column
FK_accgrp_term_terminal_agt_term_id	agt_term_id	terminal(tp_term_id)
FK_accgrp_term_accgroup_agt_ag_id	agt_ag_id	accgroup(ag_id)

Database Name: P2000EntityConfig
Table Name: accgrptermgrp
Table Comments: Links access group to terminal groups

Partitioned: 4 Sub-record
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	agtg_ag_id	ReferenceInt			No	Access Group Reference
2	agtg_termgrp_id	ReferenceInt			No	Terminal Group (ACO) Reference
4	agtg_guid	PrimaryKey			No	GUID for unique record identification
5	agtg_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_accgrptermgrp	Primary Key	1	agtg_guid
IQ_accgrptermgrp_agtg_ag_id	Key	1	agtg_ag_id
IQ_accgrptermgrp_agtg_termgrp_id	Key	1	agtg_termgrp_id

Foreign Key	Source Column	Referenced Column
FK_accgrptermgrp_termgrp_agtg_termgrp_id	agtg_termgrp_id	termgrp(tg_id)
FK_accgrptermgrp_accgroup_agtg_ag_id	agtg_ag_id	accgroup(ag_id)

Database Name: P2000EntityConfig
Table Name: actioninterlock
Table Comments: Table for configuring action interlocks

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ai_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ai_partition	ReferenceInt			No	Partition Reference
3	ai_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
4	ai_name	nchar	32		No	
5	ai_object_name	nchar	16		No	
6	ai_object_prop	smallint			No	
7	ai_prop_type	smallint			No	
8	ai_priority	smallint			No	
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	ai_guid	PrimaryKey			No	GUID for unique record identification
11	ai_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_actioninterlock	Primary Key	1	ai_guid
UQ_actioninterlock_ai_id	Unique Key	1	ai_id
UQ_ActionInterlock_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	ai_name
IQ_actioninterlock_ai_partition	Key	1	ai_partition
IQ_actioninterlock_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_actioninterlock_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_actioninterlock_partition_ai_partition	ai_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: AlarmCategory

Table Comments: P2000 Alarm Categories based on the Enterprise

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Record Guid
2	AlarmCategoryURL	nvarchar	256		No	Fully qualified alarm categor
3	Checksum	Signature			No	Digital Signature
4	Default	Boolean			No	Defines whether this category is a default category

Index	Key Type	Order	Column Name
PK_AlarmCategory	Primary Key	1	Guid
UQ_AlarmCategory_AlarmCategoryURL	Unique Key	1	AlarmCategoryURL

Database Name: P2000EntityConfig

Table Name: alarmcolors

Table Comments: Used to customize text colors within P2000 alarm monitor

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ac_guid	PrimaryKey			No	GUID for unique record identification
2	ac_priority	int			No	Priority
3	ac_text_color_pending	int			No	Text color for pending alarm
4	ac_text_color_acked	int			No	Text color for acknowledged alarm
5	ac_text_color_respond	int			No	Text color for responded alarm
6	ac_text_color_complete	int			No	Text color for completed alarm
7	ac_bkgnd_color_pending	int			No	Background color for pending alarm
8	ac_bkgnd_color_acked	int			No	Background color for acknowledged alarm
9	ac_bkgnd_color_respond	int			No	Background color for responded alarm
10	ac_bkgnd_color_complet e	int			No	Background color for completed alarm
11	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
12	ac_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_alarmcolors	Primary Key	1	ac_guid
UQ_AlarmColors_EnterpriseSiteGuidPriority	Unique Key	1	EnterpriseSiteGuid
		2	ac_priority
IQ_alarmcolors_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_alarmcolors_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: alarmfw

Table Comments: Defines message forwarding within P2000 enterprise site

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	alarmfw_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	alarmfw_from_id	ReferenceInt			Yes	Workstation Reference
3	alarmfw_to_id	ReferenceInt			Yes	Workstation Reference
4	alarmfw_mfg_id_station	ReferenceInt			Yes	Message Filter Group Reference
5	alarmfw_mfg_id_user	ReferenceInt			Yes	Message Filter Group Reference
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	alarmfw_guid	PrimaryKey			No	GUID for unique record identification
8	alarmfw_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_alarmfw	Primary Key	1	alarmfw_guid
UQ_alarmfw_alarmfw_id	Unique Key	1	alarmfw_id
IQ_alarmfw_alarmfw_from_id	Key	1	alarmfw_from_id
IQ_alarmfw_alarmfw_mfg_id_station	Key	1	alarmfw_mfg_id_station
IQ_alarmfw_alarmfw_mfg_id_user	Key	1	alarmfw_mfg_id_user
IQ_alarmfw_alarmfw_to_id	Key	1	alarmfw_to_id
IQ_alarmfw_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_alarmfw_msgfiltergroup_alarmfw_mfg_id_station	alarmfw_mfg_id_station	msgfiltergroup(mfg_id)
FK_alarmfw_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_alarmfw_station_alarmfw_from_id	alarmfw_from_id	station(stn_id)
FK_alarmfw_station_alarmfw_to_id	alarmfw_to_id	station(stn_id)
FK_alarmfw_msgfiltergroup_alarmfw_mfg_id_user	alarmfw_mfg_id_user	msgfiltergroup(mfg_id)

Database Name: P2000EntityConfig

Table Name: AlarmOption

Table Comments: Table containing the definition of the P2000 alarm options

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	AlarmType	EnumValue			No	References the associate enumeration value for enumeration set "AlarmType" in the table "EnumValue"
3	ParentGuid	uniqueidentifier			No	Guid of the item associated with this alarm definition
4	Enabled	EnumValue			No	References the enumeration set 'Alarm Enabled'
5	TimeZoneGuid	Reference			Yes	References the associated record in the table "TimeZone"
6	Priority	smallint			No	Alarm Priority (0 to 255)
7	DebounceTime	int			No	0 = Non applicable
10	DefaultTextGuid	Reference		3	Yes	References the associated record in the table "DefaultText"
14	AlarmPopup	Boolean		3	No	Defines whether the alarm monitor will popup for this alarm state
21	EventName	Name	32	4	Yes	Short cut event name for alarm monitor
22	EventGuid	Reference		4	Yes	References the associated record in the table "Event"
23	Checksum	Signature			No	Contains the digital signature for the record.
24	Category	nvarchar	256		No	Alarm Category
25	AckRequired	Boolean			No	Defines whether the operator must acknowledge the alarm before it can be completed
26	ResponseRequired	Boolean			No	Defines whether the operator must respond to the alarm before is can be completed
27	RealTimeMapGuid	ReferenceGuid			Yes	References the realtime map to be displayed
28	MSEAGraphicGuid	ReferenceGuid			Yes	References the MSEA Graphic to be used
29	AVChannelGuid	ReferenceGuid			Yes	References the associated AV Channel
30	EscalationCategory	Boolean			No	Defines whether the alarm is escalated if its category is not visible by at least one logged in operator
31	EscalationRepeat	Boolean			No	Defines whether an alarm will be escalated multiple times
32	EscalationTimeOut	int			No	Defines the time after which a pending alarm is escalated
33	EscalationIncrement	smallint			No	Defines the escalation increment
34	EscalationEnabled	Boolean			No	Defines whether the escalation procedures are enabled

Index	Key Type	Order	Column Name
PK_AlarmOption	Primary Key	1	Guid
UQ_AlarmOption_ParentGuidAlarmTypeCategory	Unique Key	1	ParentGuid
		2	AlarmType
		3	Category
IQ_AlarmOption_AVChannelGuid	Key	1	AVChannelGuid
IQ_AlarmOption_EventGuid	Key	1	EventGuid
IQ_AlarmOption_RealTimeMapGuid	Key	1	RealTimeMapGuid
IQ_AlarmOption_TimeZoneGuid	Key	1	TimeZoneGuid

Foreign Key	Source Column	Referenced Column
FK_AlarmOption_Event_EventGuid	EventGuid	event(ev_guid)
FK_AlarmOption_AVChannel_AVChannelGuid	AVChannelGuid	AVChannel(CCH_guid)
FK_AlarmOption_RealTimeMap_RealTimeMapGuid	RealTimeMapGuid	map(map_guid)
FK_AlarmOption_TimeZone_TimeZoneGuid	TimeZoneGuid	timezone(tz_guid)
FK_AlarmOption_AlrmInstruction_AI_Guid	DefaultTextGuid	alrminst(ai_guid)

Database Name: P2000EntityConfig

Table Name: alarmresptext

Table Comments: Default responses to P2000 alarms

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	rt_partition	ReferenceInt			No	Partition Reference
2	rt_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	rt_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	rt_name	nchar	32		No	Name
5	rt_text	nchar	255		No	Response Text
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	rt_guid	PrimaryKey			No	GUID for unique record identification
8	rt_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_alarmresptext	Primary Key	1	rt_guid
UQ_alarmresptext_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	rt_name
UQ_alarmresptext_rt_id	Unique Key	1	rt_id
IQ_alarmresptext_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_alarmresptext_rt_partition	Key	1	rt_partition

Foreign Key	Source Column	Referenced Column
FK_alarmresptext_partition_rt_partition	rt_partition	partition(part_number)
FK_alarmresptext_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: alarms

Table Comments: Contains all currently active P2000 alarms within the local enterprise site

Partitioned: 5 History Information

Enterprise: 3 None

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	al_alarm_id	IDENTITY			No	Unique Identification of the record within the Enterprise Site
2	al_alarm_type	EnumValue			No	Reference enum set 'Alarm Type'
4	al_alarm_type_guid	uniqueidentifier			Yes	References the alarmed P2000 item. Item type can be identified from alarm type.
4	al_alarm_type_id	int			Yes	References the alarmed P2000 item. Item type can be identified from alarm type.
5	al_ack_required	Boolean			No	User Acknowledge required (1) or not (0)
6	al_instruction_text	nvarchar	512		Yes	Alarm Instruction Text
7	al_alarm_state	smallint			No	References enum set 'Alarm State'
8	al_state_time	datetime			No	Time when alarm changed to the current alarm state
9	al_severity	smallint			No	Severity (1=highest) of the alarm
10	al_condition_state	EnumValue			No	References enum set 'Alarm Condition State'
11	al_condition_completion_state	EnumValue			No	References enum set 'Alarm Condition State'
12	al_condition_time	datetime			No	Time when alarm changed to the current condition state
13	al_filter_string	nvarchar	512		Yes	Query filter string of the alarmed P2000 item
14	al_popup	Boolean			No	
15	al_operator_name	nvarchar	512		Yes	Last User to change this alarm state
17	al_description	nvarchar	1024		No	Alarm Description
18	al_extra	image			Yes	Extra alarm information for derived alarm classes stored as BLOB
19	site_name	nchar	32		Yes	Site where the alarm occurred
20	al_operator_site_name	nchar	32		Yes	Site where the User last changed the alarm state
21	al_partition	nchar	32		Yes	Partition of the alarmed item
22	al_public	Boolean			No	Defines whether the associated alarm is public (1) or not. Public alarms are accessible from other partitions.
23	al_guid	PrimaryKey			No	GUID for unique record identification
24	al_condition_seqno	int			No	Alarm Sequence Number - counts the number of alarm condition state changes
25	al_checksum	Signature			No	Digital Signature
26	al_condition_seqguid	uniqueidentifier			Yes	Alarm Sequence Guid
27	al_AlarmOptionGuid	uniqueidentifier			Yes	Alarm Option Configuration associated with this alarm

Field	Column Name	Type	Length	Occurences	Nullable	Comment
28	al_category	nvarchar	256		No	Alarm Category
29	al_escalation_level	int			No	Escalation Level
30	al_response_required	Boolean			No	Defines whether the operator has to respond to the alarm before it can be completed

Index	Key Type	Order	Column Name
PK_alarms	Primary Key	1	al_guid
UQ_alarms_al_alarm_id	Unique Key	1	al_alarm_id
UQ_alarms_al_guid	Unique Key	1	al_guid
IQ_alarms_al_condition_timestamp_al_severity	Key	1	al_condition_time
		2	al_severity
IQ_alarms_al_partition	Key	1	al_partition
IQ_alarms_al_public	Key	1	al_public
IQ_alarms_site_name	Key	1	site_name
IQ_alarms_state_flag	Key	1	al_alarm_state

Database Name: P2000History

Table Name: alarms_hist

Table Comments: History information about alarms and their alarm state progression

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ah_alarm_hist_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ah_alarm_id	int			No	Identifies the associated P2000 alarm
3	ah_alarm_type	int			No	Reference enum set 'Alarm Type'
4	ah_alarm_type_id	int			No	Reference the alarm item by the item's ID number
5	ah_alarm_type_guid	uniqueidentifier			Yes	References the alarmed P2000 item. Item type can be identified from alarm type.
6	ah_severity	smallint			No	Severity (1=highest) of the alarm
7	ah_condition_state	smallint			No	References enum set 'Alarm Condition State'
8	ah_condition_completion_state	smallint			No	References enum set 'Alarm Condition State'
9	ah_condition_timestamp	datetime			No	Time when alarm changed to the current condition state
10	ah_description_string	nvarchar	1024		No	Alarm Description
11	ah_state_time	datetime			No	Time when alarm changed to the current alarm state
12	ah_alarm_state	smallint			No	References enum set 'Alarm State'
13	ah_operator_name	nvarchar	512		Yes	Last User to change this alarm state
14	site_name	nchar	32		Yes	Site where the alarm occurred
15	ah_operator_site_name	nchar	32		Yes	Site where the User last changed the alarm state
16	ah_partition	nchar	32		Yes	Partition Reference
17	ah_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
18	ah_alarm_guid	uniqueidentifier			Yes	GUID for unique alarm identification within P2000 Enterprise
19	ah_condition_seqno	int			No	Alarm Sequence Number - counts the number of alarm condition state changes
20	ah_guid	PrimaryKey			No	GUID for unique record identification
21	ah_checksum	Signature			No	Digital Signature
22	ah_escalation_level	int			No	Escalation Level
23	ah_category	nvarchar	256		No	Category
24	ah_item_name	nvarchar	32		Yes	Item Name
25	ah_querystring	QueryString	80		Yes	
26	ah_alarmOption_Guid	uniqueidentifier			Yes	Alarm Option associated with this alarm

Field	Column Name	Type	Length	Occurences	Nullable	Comment
27	ah_processed	int			Yes	Row state for report server processing

Index	Key Type	Order	Column Name
PK_alarms_hist	Primary Key	1	ah_guid
UQ_alarms_hist_ah_alarm_hist_id	Unique Key	1	ah_alarm_hist_id
IQ_alamrs_hist_ah_public	Key	1	ah_public
IQ_alarms_hist_ah_alarm_guid	Key	1	ah_alarm_guid
IQ_alarms_hist_ah_alarm_id	Key	1	ah_alarm_id
IQ_alarms_hist_ah_alarm_type	Key	1	ah_alarm_type
IQ_alarms_hist_ah_alarm_type_id	Key	1	ah_alarm_type_id
IQ_alarms_hist_ah_condition_timestamp	Key	1	ah_condition_timestamp
IQ_alarms_hist_ah_partition	Key	1	ah_partition
IQ_alarms_hist_site_name	Key	1	site_name

Database Name: P2000History
Table Name: alarm_resp
Table Comments: Alarm responses entered by P2000 users

Partitioned: 5 History Information
Enterprise: 2 Sub-set
FDA: 4 History

Field	Column Name	Type	Length	Occurences	Nullable	Comment
2	alarm_id	int			Yes	References the associated alarm in alarms / alarms_hist
3	action_time	datetime			Yes	Date/Time of condition state change
4	text	nchar	255		Yes	Response Text
5	username	nchar	33		Yes	Name of the User responding
6	timestamp	datetime			Yes	Date/Time of the User response
7	site_name	nchar	32		No	Site where the User response was entered
8	guid	PrimaryKey			No	GUID of the response record
9	checksum	Signature			No	Digital Signature
10	processed	int			Yes	Row state for report server processing

Index	Key Type	Order	Column Name
PK_alarm_resp	Primary Key	1	guid
IQ_alarm_resp_alarm_id	Key	1	timestamp
IQ_alarm_resp_timestamp	Key	1	alarm_id

Database Name: P2000EntityConfig

Table Name: alrminst

Table Comments: Default alarm instructionsused for defining the applicable alarm parameters

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ai_partition	ReferenceInt			No	Partition Reference
2	ai_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ai_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ai_name	nchar	32		No	
5	ai_text	nchar	255		No	
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	ai_guid	PrimaryKey			No	GUID for unique record identification
8	ai_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_alrminst	Primary Key	1	ai_guid
UQ_alrminst_ai_id	Unique Key	1	ai_id
UQ_alrminst_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	ai_name
IQ_alrminst_ai_partition	Key	1	ai_partition
IQ_alrminst_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_alrminst_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_alrminst_partition_ai_partition	ai_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: ApplicationResource

Table Comments: List of application resources (such as applications, web pages, etc)

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Text used when displaying this Application Resource, if null P2000 uses the Name of the item
4	ElementGuid	uniqueidentifier			Yes	ElementGuid within the parent's resource
5	ApplicationResourceGuid	ReferenceGuid			Yes	Application Resource Reference
6	Sequence	int			No	Sequence within parent menu
7	PrivilegeID	int			Yes	Identifies the legacy privilege ID for the P2000 application
8	CostOption	int			No	Defines associated cost options
9	HelpId	int			Yes	Help Reference for this application resource
10	ApplicationResourceType	EnumValue			No	References the associate enumeration value for enumeration set "ApplicationResourceType" in the table "EnumValue"
11	MaxInstances	int			Yes	Maximum number of application instances
12	IsControllable	Boolean			No	Can access to this resource be controlled by menu permissions ?
13	IsExecutable	Boolean			No	Can this resource type be executed ?
14	IsViewable	Boolean			No	Can items of this resource type be viewed ?
15	IsEditable	Boolean			No	Can items of this resource type be edited ?
16	IsAddable	Boolean			No	Can items of this resource type be added ?
17	IsDeletable	Boolean			No	Can items of this resource type be deleted ?
18	SmallIcon	image			Yes	Small icon to be used in eg menus and tree views
19	BigIcon	image			Yes	Big icon to be used in eg tool bars
20	RepositoryClassGuid	ReferenceGuid			Yes	References the BusinessLogicAg
21	ApplicationName	nchar	400		Yes	Resource string identifying the associated P2000 objects (eg application or .NET object)
22	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_ApplicationResource	Primary Key	1	Guid
IQ_ApplicationResource_ApplicationResourceGuid	Key	1	ApplicationResourceGuid
IQ_ApplicationResource_ApplicationResourceType	Key	1	ApplicationResourceType

Foreign Key	Source Column	Referenced Column
FK_ApplicationResource_ApplicationResource_ApplicationResourceGuid	ApplicationResourceGuid	ApplicationResource(Guid)

Database Name: P2000EntityConfig

Table Name: area_configuration

Table Comments: Table containing the general parameters for defining the area

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ac_partition	ReferenceInt			No	Partition Reference
2	ac_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ac_area_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ac_area_name	nchar	32		No	Name of the area
5	ac_description	nchar	64		Yes	Description of the area
6	ac_type	EnumValue			No	Area Type Enumeration
7	ac_entry_mode	EnumValue			No	Area Count Mode
8	ac_exit_mode	EnumValue			No	Area Count Mode
9	ac_pre_max	int			Yes	Number of entities in area, when pre-max alarm condition is reached
10	ac_max	int			Yes	Max number of entities in area
11	ac_min	int			Yes	Min number of entities in area
12	ac_correction	int			Yes	Correction of current count for entities in area
13	ac_popup_on_max_alarm	Boolean			No	Alarm monitor popup (1) or not (0)
14	ac_popup_on_min_alarm	Boolean			No	Alarm monitor popup (1) or not (0)
15	ac_popup_on_premax_alarm	Boolean			No	Alarm monitor popup (1) or not (0)
16	ac_max_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
17	ac_max_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
18	ac_min_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
19	ac_min_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
20	ac_premax_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
21	ac_premax_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
22	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
23	ac_guid	PrimaryKey			No	GUID for unique record identification
24	ac_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_area_configuration	Primary Key	1	ac_guid
UQ_area_configuration_ac_area_id	Unique Key	1	ac_area_id
UQ_area_configuration_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	ac_area_name
IQ_area_configuration_ac_max_alarm_text_sec_id	Key	1	ac_max_alarm_text_sec_id
IQ_area_configuration_ac_max_alarm_text_set_id	Key	1	ac_max_alarm_text_set_id
IQ_area_configuration_ac_min_alarm_text_sec_id	Key	1	ac_min_alarm_text_sec_id
IQ_area_configuration_ac_min_alarm_text_set_id	Key	1	ac_min_alarm_text_set_id
IQ_area_configuration_ac_partition	Key	1	ac_partition
IQ_area_configuration_ac_premax_alarm_text_sec_id	Key	1	ac_premax_alarm_text_sec_id
IQ_area_configuration_ac_premax_alarm_text_set_id	Key	1	ac_premax_alarm_text_set_id
IQ_area_configuration_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_area_configuration_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_area_configuration_alrminst_ac_max_alarm_text_set_id	ac_max_alarm_text_set_id	alrminst(ai_id)
FK_area_configuration_alrminst_ac_premax_alarm_text_sec_id	ac_premax_alarm_text_sec_id	alrminst(ai_id)
FK_area_configuration_alrminst_ac_min_alarm_text_set_id	ac_min_alarm_text_set_id	alrminst(ai_id)
FK_area_configuration_alrminst_ac_min_alarm_text_sec_id	ac_min_alarm_text_sec_id	alrminst(ai_id)
FK_area_configuration_alrminst_ac_max_alarm_text_sec_id	ac_max_alarm_text_sec_id	alrminst(ai_id)
FK_area_configuration_alrminst_ac_premax_alarm_text_set_id	ac_premax_alarm_text_set_id	alrminst(ai_id)
FK_area_configuration_partition_ac_partition	ac_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: area_details

Table Comments: Table references P2000 objects which define entry or exit to the area. P2000 objects current references are Terminals (ACO), Terminal Groups (ACO), Inputs and Input Groups

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ad_area_id	ReferenceInt			No	Area Configuration Reference
2	ad_control_id	int			No	References Input/Terminals or groups
3	ad_type	EnumValue			No	Identifies type of reference
4	ad_mode	EnumValue			No	Identifier area entry mode
6	ad_guid	PrimaryKey			No	GUID for unique record identification
7	ad_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_area_details	Primary Key	1	ad_guid
IQ_area_details_ad_area_id	Key	1	ad_area_id

Foreign Key	Source Column	Referenced Column
FK_area_details_area_configuration_ad_area_id	ad_area_id	area_configuration(ac_area_id)

Database Name: P2000EntityConfig
Table Name: area_layout
Table Comments: Defines the column layout for area control

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	al_partition	ReferenceInt			No	Partition Reference
2	al_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	al_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	al_name	nchar	32		No	Name
5	al_description	nchar	64		Yes	Description
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	al_guid	PrimaryKey			No	GUID for unique record identification
8	al_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_area_layout	Primary Key	1	al_guid
UQ_area_layout_al_id	Unique Key	1	al_id
UQ_area_layout_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	al_name
IQ_area_layout_al_partition	Key	1	al_partition
IQ_area_layout_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_area_layout_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_area_layout_partition_al_partition	al_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: area_layout_data

Table Comments: Defines each column for an area layout

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ald_id	ReferenceInt			No	Area Layout Reference
2	ald_item_id	EnumValue			Yes	References enum set 'Area Layout Item'
3	ald_UserDefinedFieldGuid	ReferenceGuid			Yes	References user defined field
4	ald_name	nchar	32		No	Name of column within area layout
5	ald_order	smallint			No	Order
6	ald_width	int			Yes	Width
8	ald_guid	PrimaryKey			No	GUID for unique record identification
8	ald_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_area_layout_data	Primary Key	1	ald_guid
IQ_area_layout_data_ald_id	Key	1	ald_id
IQ_area_layout_data_ald_UserDefinedFieldGuid	Key	1	ald_UserDefinedFieldGuid

Foreign Key	Source Column	Referenced Column
FK_area_layout_data_UserDefinedField_ald_UserDefinedFieldGuid	ald_UserDefinedFieldGuid	UserDefinedField(Guid)
FK_area_layout_data_area_layout_ald_id	ald_id	area_layout(ald_id)

Database Name: P2000EntityConfig

Table Name: area_status

Table Comments: Defines the status of the area's current occupancy count

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	area_status_area_id	ReferenceInt			No	Area Reference
2	area_status_counter	int			Yes	Number of entities in the area
3	area_status_status	EnumValue			No	References enum set 'Area Status'
4	area_status_update	datetime			Yes	Time this record was last changed
5	area_status_layout	int			Yes	Area Layout to be used in area control
7	area_status_guid	PrimaryKey			No	GUID for unique record identification
8	area_status_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_area_status	Primary Key	1	area_status_guid
IQ_area_status_area_status_area_id	Key	1	area_status_area_id

Foreign Key	Source Column	Referenced Column
FK_area_status_area_configuration_area_status_area_id	area_status_area_id	area_configuration(ac_area_id)

Database Name:

P2000EntityConfig

Table Name:

area2terminals

Table Comments:

Temporary table to improve the performance of area to door report

Partitioned:

6 Internal System

Enterprise:

3 None

FDA:

7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	a2t_guid	PrimaryKey			No	GUID for unique record identification
2	a2t_area_id	int			No	Area Reference
3	a2t_terminal_id	int			No	Terminal Reference
4	a2t_area_name	nchar	32		No	Area Name
5	a2t_terminal_name	nchar	32		No	Terminal Name

Index	Key Type	Order	Column Name
PK_area2terminals	Primary Key	1	a2t_guid

Database Name: P2000History

Table Name: audit

Table Comments: Table containing a record of auditable actions performed by P2000 users

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurences	Nullable	Comment
3	au_timestamp	datetime			Yes	Audit TimeStamp
4	au_username	nchar	16		Yes	User Name
5	au_item_type	EnumValue			Yes	References enum set 'Audit Item'
6	au_action	EnumValue			Yes	References enum set 'Audit Action'
7	au_item_guid	uniqueidentifier			Yes	GUID reference to item related to this audit message
8	au_item_id	int			Yes	Integer reference to item related to this audit message
9	au_item_name	nchar	32		Yes	Item Name
10	site_name	nchar	16		Yes	Name of enterprise site where audit was created
11	au_partition_name	nchar	32		No	Partition Name of the audited item
12	au_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
13	au_guid	PrimaryKey			No	GUID for unique record identification
14	au_timestamp_utc	datetime			Yes	Date/Time (UTC) when the audit record was entered
15	au_checksum	Signature			No	Digital Signature
16	au_changedvalues	xml			Yes	XML Document for containing the value changes for 'Record Retention'
17	au_processed	int			Yes	Row state for report server processing

Index	Key Type	Order	Column Name
PK_audit	Primary Key	1	au_guid
IQ_audit_au_action	Key	1	au_action
IQ_audit_au_item_type	Key	1	au_item_type
IQ_audit_au_partition_name	Key	1	au_partition_name
IQ_audit_au_public	Key	1	au_public
IQ_audit_au_timestamp	Key	1	au_timestamp
IQ_audit_site_name	Key	1	site_name

Database Name: P2000EntityConfig

Table Name: autobadge

Table Comments: Table for the automatic assignment of badge identifiers

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ab_partition	ReferenceInt			No	Partition Reference
2	ab_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ab_facilitycode	int			No	Facility Code of the badge
4	ab_number_str	char	20		No	Badge number
5	ab_type	EnumValue			No	References enum set 'Card Type'
6	ab_issue	smallint			No	Issue Level
7	ab_status	smallint			No	References enum set 'Auto Badge Status'
8	ab_modification_time	datetime			No	Date/Time when record was last changed
9	ab_guid	PrimaryKey			No	GUID for unique record identification
10	ab_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_autobadge	Primary Key	1	ab_guid
UQ_autobadge_FacilityCodeBadgeNumber	Unique Key	1	ab_facilitycode
		2	ab_number_str
IQ_autobadge_ab_partition	Key	1	ab_partition

Foreign Key	Source Column	Referenced Column
FK_autobadge_partition_ab_partition	ab_partition	partition(part_number)

Database Name: P2000EntityConfig
Table Name: AVChannel
Table Comments: Table to store AV cameras

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	CCH_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CCH_ParentID	int			No	ID of parent record
3	CCH_Name	nchar	32		No	OPC name of channel
4	CCH_ServerID	int			No	ID of server record
5	CCH_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CCH_Description	nchar	64		No	Description
7	CCH_Partition	ReferenceInt			No	Partition Reference
8	CCH_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CCH_GeneralString	nchar	64		Yes	Camera annotation
10	CCH_PathDS	nchar	255		No	certified name of channel path such as dvr.swtich.channel
11	CCH_ClientLockId	char	32		Yes	client id who locks the camera
12	CCH_ChannelStatus	int			No	indicates the current status of a channel
13	CCH_StartRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
14	CCH_StartRecord	int			No	
15	CCH_StopRecordExists	int			No	Reference enum set 'CCTV/AV Option Exists'
16	CCH_StopRecord	int			No	
17	CCH_RewindExists	int			No	Reference enum set 'CCTV/AV Option Exists'
18	CCH_Rewind	int			No	
19	CCH_PauseExists	int			No	Reference enum set 'CCTV/AV Option Exists'
20	CCH_Pause	int			No	
21	CCH_FastForwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
22	CCH_FastForward	int			No	
23	CCH_StartPlaybackExists	int			No	Reference enum set 'CCTV/AV Option Exists'
24	CCH_StartPlayback	int			No	
25	CCH_StopPlaybackExists	int			No	Reference enum set 'CCTV/AV Option Exists'
26	CCH_StopPlayback	int			No	

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
27	CCH_ArchiveExportExists	int			No	Reference enum set 'CCTV/AV Option Exists'
28	CCH_ArchiveExport	int			No	
29	CCH_SetPreAlarmExists	int			No	Reference enum set 'CCTV/AV Option Exists'
30	CCH_SetPreAlarm	int			No	
31	CCH_SetPostAlarmExists	int			No	Reference enum set 'CCTV/AV Option Exists'
32	CCH_SetPostAlarm	int			No	
33	CCH_SetVideoLossAlarmExists	int			No	Reference enum set 'CCTV/AV Option Exists'
34	CCH_SetVideoLossAlarm	int			No	
35	CCH_SetMotionDetectionAlarmExists	int			No	Reference enum set 'CCTV/AV Option Exists'
36	CCH_SetMotionDetectionAlarm	int			No	
37	CCH_SetFrameRateExists	int			No	Reference enum set 'CCTV/AV Option Exists'
38	CCH_SetFrameRate	int			No	
39	CCH_SetResolutionExists	int			No	Reference enum set 'CCTV/AV Option Exists'
40	CCH_SetResolution	int			No	
41	CCH_PresetExists	int			No	Reference enum set 'CCTV/AV Option Exists'
42	CCH_PresetMax	int			No	
43	CCH_PresetStopExists	int			No	Reference enum set 'CCTV/AV Option Exists'
44	CCH_PresetStop	int			No	
45	CCH_PresetRecordExists	int			No	Reference enum set 'CCTV/AV Option Exists'
46	CCH_PresetRecord	int			No	
47	CCH_PresetPlayExists	int			No	Reference enum set 'CCTV/AV Option Exists'
48	CCH_PresetPlay	int			No	
49	CCH_TiltExists	int			No	Reference enum set 'CCTV/AV Option Exists'
50	CCH_Tilt	int			No	
51	CCH_PanExists	int			No	Reference enum set 'CCTV/AV Option Exists'
52	CCH_Pan	int			No	
53	CCH_StopAllPanTilt	int			No	
54	CCH_ZoomExists	int			No	Reference enum set 'CCTV/AV Option Exists'
55	CCH_Zoom	int			No	
56	CCH_FocusExists	int			No	Reference enum set 'CCTV/AV Option Exists'
57	CCH_Focus	int			No	
58	CCH_IrisExists	int			No	Reference enum set 'CCTV/AV Option Exists'

Field	Column Name	Type	Length	Occurences	Nullable	Comment
59	CCH_IrisAutomatic	int			No	
60	CCH_Iris	int			No	
61	CCH_LensSpeed	int			No	
62	CCH_LensSpeedMax	int			No	Maximun lens speed, 1 = speed not variable
63	CCH_StopAllZoomFocus Iris	int			No	
64	CCH_Arm	int			No	
65	CCH_DisArm	int			No	
66	CCH_IsArmed	int			No	
67	CCH_WiperExists	int			No	Reference enum set 'CCTV/AV Option Exists'
68	CCH_Wiper	int			No	
69	CCH_WasherExists	int			No	Reference enum set 'CCTV/AV Option Exists'
70	CCH_Washer	int			No	
71	CCH_LightExists	int			No	Reference enum set 'CCTV/AV Option Exists'
72	CCH_Light	int			No	
73	CCH_StatusExists	int			No	Reference enum set 'CCTV/AV Option Exists'
74	CCH_AuxiliaryExists	int			No	Reference enum set 'CCTV/AV Option Exists'
75	CCH_AuxiliaryCount	int			No	
76	CCH_AuxiliaryMax	int			No	Number created in namespace, -1 = Use default
77	CCH_AuxiliaryPlayExists	int			No	Reference enum set 'CCTV/AV Option Exists'
78	CCH_AuxiliaryStopExists	int			No	Reference enum set 'CCTV/AV Option Exists'
79	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
80	CCH_guid	PrimaryKey			No	GUID for unique record identification
81	CCH_checksum	Signature			No	Digital Signature
84	CCH_alarm_debounce_ motion	smallint			No	
97	CCH_alarm_debounce_ behavior	smallint			No	

Index	Key Type	Order	Column Name
PK_AVChannel	Primary Key	1	CCH_guid
UQ_AVChannel_CCH_ID	Unique Key	1	CCH_ID
UQ_AVChannel_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CCH_Description
UQ_AVChannel_NameParent	Unique Key	1	CCH_Name
		2	CCH_ParentID
IQ_AVChannel_CCH_Partition	Key	1	CCH_Partition
IQ_AVChannel_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_AVChannel_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AVChannel_partition_CCH_Partition	CCH_Partition	partition(part_number)
FK_AVChannel_AVSite_CCH_ParentID	CCH_ParentID	AVSite(CAV_ID)

Database Name: P2000EntityConfig
Table Name: avdrycontact
Table Comments: Table to store AV dry contacts

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ADC_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ADC_ParentID	ReferenceInt			No	ID of parent record
3	ADC_ServerID	ReferenceInt			No	ID of server record
4	ADC_Description	nchar	64		No	Description
5	ADC_Partition	ReferenceInt			No	Partition Reference
6	ADC_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
7	ADC_Number	smallint			Yes	Dry Contact Number
20	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
21	ADC_guid	PrimaryKey			No	GUID for unique record identification
22	ADC_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_avdrycontact	Primary Key	1	ADC_guid
UQ_avdrycontact_ADC_ID	Unique Key	1	ADC_ID
UQ_AVDryContact_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	ADC_Description
UQ_AVDryContact_NameParent	Unique Key	1	ADC_Description
		2	ADC_ParentID
UQ_AVDryContact_NumberParent	Unique Key	1	ADC_Number
IQ_avdrycontact_ADC_ParentID	Key	1	ADC_ParentID
IQ_avdrycontact_ADC_Partition	Key	1	ADC_Partition
IQ_avdrycontact_ADC_ServerID	Key	1	ADC_ServerID
IQ_avdrycontact_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_avdrycontact_AVSite_ADC_ParentID	ADC_ParentID	AVSite(CAV_ID)
FK_avdrycontact_CCTVServer_ADC_ServerID	ADC_ServerID	CCTVServer(CSV_ID)
FK_avdrycontact_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_avdrycontact_partition_ADC_Partition	ADC_Partition	partition(part_number)

Database Name: P2000EntityConfig
Table Name: AVMonitor
Table Comments: Table to store AV monitors

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	AMO_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	AMO_ParentID	ReferenceInt			No	ID of parent record
3	AMO_Name	nchar	64		No	Name
4	AMO_ServerID	ReferenceInt			No	ID of server record
5	AMO_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	AMO_Description	nchar	64		No	Description
7	AMO_Partition	ReferenceInt			No	Partition Reference
8	AMO_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	AMO_GeneralString	nchar	64		Yes	
10	AMO_SequenceExists	int			No	Reference enum set 'CCTV/AV Option Exists'
11	AMO_SequenceCount	int			No	
12	AMO_SequenceMax	int			No	Number created in namespace, -1 = Use default
13	AMO_SequencePlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
14	AMO_SequenceRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
15	AMO_SequenceStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
16	AMO_SequencePauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
17	AMO_SequenceRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
18	AMO_SequenceForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
19	AMO_SequenceBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
20	AMO_SequenceStepForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
21	AMO_SequenceStepBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
22	AMO_SequenceCameraForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
23	AMO_SequenceCameraBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
24	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
25	AMO_guid	PrimaryKey			No	GUID for unique record identification
26	AMO_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_AVMonitor	Primary Key	1	AMO_guid
UQ_AVMonitor_AMO_ID	Unique Key	1	AMO_ID
UQ_AVMonitor_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	AMO_Description
UQ_AVMonitor_NameParent	Unique Key	1	AMO_Name
		2	AMO_ParentID
IQ_AVMonitor_AMO_ParentID	Key	1	AMO_ParentID
IQ_AVMonitor_AMO_Partition	Key	1	AMO_Partition
IQ_AVMonitor_AMO_ServerID	Key	1	AMO_ServerID
IQ_AVMonitor_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_AVMonitor_AVSite_AMO_ParentID	AMO_ParentID	AVSite(CAV_ID)
FK_AVMonitor_CCTVServer_AMO_ServerID	AMO_ServerID	CCTVServer(CSV_ID)
FK_AVMonitor_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AVMonitor_partition_AMO_Partition	AMO_Partition	partition(part_number)

Database Name: P2000EntityConfig
Table Name: AVPreset
Table Comments: Table to store AV presets

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CAP_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CAP_ParentID	int			No	ID of parent record
3	CAP_Name	nchar	64		No	Name
4	CAP_ServerID	int			No	ID of server record
5	CAP_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CAP_Description	nchar	64		No	Description
7	CAP_Partition	ReferenceInt			No	Partition Reference
8	CAP_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CAP_guid	PrimaryKey			No	GUID for unique record identification
11	CAP_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_AVPreset	Primary Key	1	CAP_guid
UQ_AVPreset_CAP_ID	Unique Key	1	CAP_ID
UQ_AVPreset_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CAP_Description
UQ_AVPreset_NameParent	Unique Key	1	CAP_Name
		2	CAP_ParentID
IQ_AVPreset_CAP_Partition	Key	1	CAP_Partition
IQ_AVPreset_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_AVPreset_partition_CAP_Partition	CAP_Partition	partition(part_number)
FK_AVPreset_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AVPreset_AVChannel_CAP_ParentID	CAP_ParentID	AVChannel(CCH_ID)

Database Name: P2000EntityConfig

Table Name: AVSite

Table Comments: Table to store AV switch information

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	CAV_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CAV_ParentID	int			No	ID of parent record
3	CAV_Name	nchar	64		No	Name
4	CAV_ServerID	int			No	ID of server record
5	CAV_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CAV_Description	nchar	64		No	Description
7	CAV_Partition	ReferenceInt			No	Partition Reference
8	CAV_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CAV_Priority	int			No	
10	CAV_DVRType	nchar	64		No	
11	CAV_Type	int			No	1 = Serial comms, 2 = TCP/IP, DVR communication type
12	CAV_DataServerIPAddr ess	char	64		Yes	IP address of data server
13	CAV_MatrixServerIPAdd ress	char	64		Yes	
14	CAV_MatrixServerPort	char	64		Yes	
15	CAV_MatrixServerName	nchar	64		Yes	
16	CAV_StreamingServerIP Address	char	64		Yes	IP address of streaming server
17	CAV_StorageServerIPAd dress	char	64		Yes	IP address of storage server
18	CAV_LoginID	nchar	64		Yes	Login id on DVR
19	CAV_Password	nchar	64		Yes	login password on DVR, encrypted
20	CAV_NetBandwidth	int			No	video transmission bandwidth 0:10MBPS, 1:100MBPS, 2:check at start up 3: 1GBPS
21	CAV_ArchiveDeviceExist s	int			No	no dat exists, 1:exists
22	CAV_ArchiveName	nchar	64		Yes	
23	CAV_ArchiveSize	int			No	
24	CAV_NumArchiveDevice s	int			No	indication of a number of devs
25	CAV_ArchiveHasMedia	int			No	1: has media, 0: no media in a deck

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
26	CAV_DateTime	int			No	indicate that DVR's time has been changed
27	CAV_AlarmClearAll	int			No	clear all alarms
28	CAV_Login	int			No	1: logged on 0: not logged in
29	CAV_Logoff	int			No	1: not logged in , 0 : logged on
30	CAV_LoginState	int			No	check do we have a pc
31	CAV_MimicDVR	int			No	mimic a DVR
32	CAV_TestIP	int			No	1: request the validity of IP address of a dvr
33	CAV_CheckPIN	int			No	1: check equipment
34	CAV_ErrorSend	int			No	
35	CAV_FatalErrorSend	int			No	
36	CAV_Special	int			No	
37	CAV_GeneralString	nchar	64		Yes	
38	CAV_PresetExists	int			No	
39	CAV_PresetStopExists	int			No	
40	CAV_PresetRecordExists	int			No	
41	CAV_PresetPlayExists	int			No	
42	CAV_CameraAuxiliaryExists	int			No	
43	CAV_CameraAuxiliaryPlayExists	int			No	
44	CAV_CameraAuxiliaryStopExists	int			No	
45	CAV_CameraAuxiliaryMax	int			No	
46	CAV_PresetMax	int			No	
47	CAV_CameraGroup	int			No	
48	CAV_CameraGroupMax	int			No	
49	CAV_CameraCount	int			No	
50	CAV_CameraMax	int			No	
51	CAV_MonitorCount	int			No	
52	CAV_MonitorMax	int			No	
53	CAV_ActiveCameraExists	int			No	
54	CAV_SetActiveCamera	int			No	
55	CAV_ChannelGroup	int			No	the number of camera group
56	CAV_ChannelGroupMax	int			No	the number of channel group max
57	CAV_ChannelCount	int			No	number of channels configured
58	CAV_ChannelMax	int			No	

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
59	CAV_ActiveChannelExists	int			No	Reference enum set 'CCTV/AV Option Exists'
60	CAV_SetActiveChannel	int			No	
61	CAV_AlarmExists	int			No	Reference enum set 'CCTV/AV Option Exists'
62	CAV_AlarmCount	int			No	
63	CAV_AlarmMax	int			No	
64	CAV_AlarmLossOfVideoSignalExists	int			No	Reference enum set 'CCTV/AV Option Exists'
65	CAV_AlarmLossOfVideoSignal	int			No	
66	CAV_AlarmStopLossOfVideoSignalExists	int			No	Reference enum set 'CCTV/AV Option Exists'
67	CAV_AlarmMotionDetectionExists	int			No	Reference enum set 'CCTV/AV Option Exists'
68	CAV_AlarmMotionDetection	int			No	
69	CAV_AlarmStopMotionDetection	int			No	
70	CAV_AuxiliaryExists	int			No	Reference enum set 'CCTV/AV Option Exists'
71	CAV_AuxiliaryCount	int			No	
72	CAV_AuxiliaryMax	int			No	
73	CAV_AuxiliaryPlayExists	int			No	Reference enum set 'CCTV/AV Option Exists'
74	CAV_AuxiliaryPlay	int			No	
75	CAV_AuxiliaryStopExists	int			No	Reference enum set 'CCTV/AV Option Exists'
76	CAV_AuxiliaryStop	int			No	
77	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
78	CAV_guid	PrimaryKey			No	GUID for unique record identification
79	CAV_checksum	Signature			No	Digital Signature
80	CAV_In_MotionTimezone	ReferenceInt			Yes	Timezone Reference
81	CAV_In_BehaviorTimezone	ReferenceInt			Yes	Timezone Reference
82	CAV_In_VideolossTimezone	ReferenceInt			Yes	Timezone Reference
83	CAV_In_DrycontactTimezone	ReferenceInt			Yes	Timezone Reference
84	CAV_Out_Timezone	ReferenceInt		4	Yes	Timezone Reference
88	CAV_Out_Filtergroup	ReferenceInt		4	Yes	Message Filter Group Reference
92	CAV_Motion_Debounce_Time	int			No	
93	CAV_Behavior_Debounce_Time	int			No	
94	CAV_DryContactCount	int			No	
95	CAV_DryContactMax	int			No	

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
103	CAV_primaryDirectoryServerIP_subnet	nchar	64	2	Yes	
104	CAV_secondaryDirectoryServerIP_subnet	nchar	64	2	Yes	
105	CAV_tertiaryDirectoryServerIP_subnet	nchar	64	2	Yes	
106	CAV_use_subnet_1	Boolean			No	

Index	Key Type	Order	Column Name
PK_AVSite	Primary Key	1	CAV_guid
UQ_AVSite_CAV_ID	Unique Key	1	CAV_ID
UQ_AVSite_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CAV_Description
UQ_AVSite_NameParent	Unique Key	1	CAV_Name
		2	CAV_ParentID
IQ_AVSite_CAV_In_BehaviorTimezone	Key	1	CAV_In_BehaviorTimezone
IQ_AVSite_CAV_In_DrycontactTimezone	Key	1	CAV_In_DrycontactTimezone
IQ_AVSite_CAV_In_MotionTimezone	Key	1	CAV_In_MotionTimezone
IQ_AVSite_CAV_In_VideolossTimezone	Key	1	CAV_In_VideolossTimezone
IQ_AVSite_CAV_Out_Filtergroup	Key	1	CAV_Out_Filtergroup
IQ_AVSite_CAV_Out_Timezone	Key	1	CAV_Out_Timezone
IQ_AVSite_CAV_Partition	Key	1	CAV_Partition
IQ_AVSite_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_AVSite_CCTVServer_CAV_ParentID	CAV_ParentID	CCTVServer(CSV_ID)
FK_AVSite_partition_CAV_Partition	CAV_Partition	partition(part_number)
FK_AVSite_timezone_CAV_Out_Timezone	CAV_Out_Timezone	timezone(tz_id)
FK_AVSite_timezone_CAV_In_VideolossTimezone	CAV_In_VideolossTimezone	timezone(tz_id)
FK_AVSite_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_AVSite_timezone_CAV_In_DrycontactTimezone	CAV_In_DrycontactTimezone	timezone(tz_id)
FK_AVSite_msgfiltergroup_CAV_Out_Filtergroup	CAV_Out_Filtergroup	msgfiltergroup(mfg_id)
FK_AVSite_timezone_CAV_In_BehaviorTimezone	CAV_In_BehaviorTimezone	timezone(tz_id)
FK_AVSite_timezone_CAV_In_MotionTimezone	CAV_In_MotionTimezone	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: bacnetoid

Table Comments: Table to generate the POACnet OIDs for P2000's BACnet service

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 0 Unknown

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	bno_oid	int			No	unique BACnet object ID (also used as database ID)
2	bno_type	EnumValue			Yes	Reference enum set 'BACnet OID Type'
3	bno_panel_id	ReferenceInt			Yes	unique ID of panel this Object ID references (only valid when bno_type is 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 or 21)
4	bno_counter_id	ReferenceInt			Yes	unique ID of counter this Object ID references (only valid when bno_type is 0)
5	bno_terminal_id	ReferenceInt			Yes	unique ID of terminal this Object ID references (only valid when bno_type is 1, 2, 3 or 4)
6	bno_input_id	ReferenceInt			Yes	unique ID of input point this Object ID references (only valid when bno_type is 5)
7	bno_output_id	ReferenceInt			Yes	unique ID of output point this Object ID references (only valid when bno_type is 6)
8	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
9	bno_guid	PrimaryKey			No	GUID for unique record identification
10	bno_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_bacnetoid	Primary Key	1	bno_guid
IQ_bacnetoid_bno_counter_id	Key	1	bno_counter_id
IQ_bacnetoid_bno_input_id	Key	1	bno_input_id
IQ_bacnetoid_bno_output_id	Key	1	bno_output_id
IQ_bacnetoid_bno_panel_id	Key	1	bno_panel_id
IQ_bacnetoid_bno_terminal_id	Key	1	bno_terminal_id
IQ_bacnetoid_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_bacnetoid_counter_bno_counter_id	bno_counter_id	counter(ctr_id)
FK_bacnetoid_terminal_bno_terminal_id	bno_terminal_id	terminal(tp_term_id)
FK_bacnetoid_output_bno_output_id	bno_output_id	output(op_output_id)
FK_bacnetoid_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_bacnetoid_input_bno_input_id	bno_input_id	input(ip_point_id)
FK_bacnetoid_panel_bno_panel_id	bno_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: BadgeField

Table Comments: Defines fields, which can be used to encode a badge

Partitioned: 4 Sub-record

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	nchar	120		No	badge field's name
3	DBFieldName	nchar	60		No	database field where this data comes from
4	DBTableName	nchar	60		No	database table where this data comes from
5	DBColumnWidth	int			No	database field column width where this data comes from (ie maximum length of the data)
6	DefaultPadChar	char	2		No	For mag stripes, the pad character (ie <space> for text and zero for number)
7	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_BadgeField	Primary Key	1	Guid
UQ_BadgeField_Name	Unique Key	1	Name

Database Name:

P2000EntityConfig

Table Name:

BadgeLayout

Table Comments:

Table containing the names badge layouts for the P2000 enterprise. Thse badge layouts can be used by identifier records.

Partitioned:

4 Sub-record

Enterprise:

1 All records

FDA:

1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	badge layout name
3	Description	Description	80		Yes	Description
4	Checksum	Signature			No	Contains the digital signature for the record.
5	Image	image			Yes	Image associated with this layout

Index	Key Type	Order	Column Name
PK_BadgeLayout	Primary Key	1	Guid
UQ_BadgeLayout_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: BadgeMagFormula

Table Comments: Defines the magnetic stripe structure / formula used for coding up to three (3) magnetic stripes on a P2000 badge

Partitioned: 4 Sub-record

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Number	int			No	mag stripe number, 1 = stripe 1, 2 = stripe 2, etc.
3	FieldType	smallint			No	0 = database field (includes UDF), 1 = user specified
4	BadgeFieldGuid	ReferenceGuid			Yes	Badge Field Reference
5	FieldMinLength	smallint			No	minimum length of data allowed in the field
6	FieldMaxLength	smallint			No	maximum length of data allowed in the field
7	Order	int			No	order the fields appear on the stripe
8	PadChar	char	2		Yes	character used between fields for padding
9	FieldContent	nchar	255		No	field name if this is a database field, actual data if this is a user specified field
10	PadRight	smallint			Yes	0 = Left pad string, 1 = Right pad string
11	FieldDelimiter	char	2		Yes	character used between fields for padding
12	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_BadgeMagFormula	Primary Key	1	Guid
IQ_BadgeMagFormula_BadgeFieldGuid	Key	1	BadgeFieldGuid

Foreign Key	Source Column	Referenced Column
FK_BadgeMagFormula_BadgeField_BadgeFieldGuid	BadgeFieldGuid	BadgeField(Guid)

Database Name: P2000EntityConfig

Table Name: BadgeSetup

Table Comments:

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	StationGuid	ReferenceGuid			No	
3	EnforceCroppingAspect	Boolean			No	1 = enforce aspect ratio when cropping
4	Printer	nvarchar	500		Yes	Encoder / Printer
5	LayoutPath	nvarchar	255		Yes	Badge Layout file path
6	IsPortraitEnabled	Boolean			No	1 = protrait is enabled
7	IsFingerprintEnabled	Boolean			No	1 = fingerprint is enabled
8	IsSignatureEnabled	Boolean			No	1= signature is enabled
9	InstancePortrait	int			No	number of portrait instances
10	InstanceFingerprint	int			No	number of fingerprint instances
11	InstanceSignature	int			No	number of signature instances
12	DevicePortrait	nvarchar	255		Yes	device for portrait capture
13	DeviceFingerprint	nvarchar	255		Yes	device for fingerprint capture
14	DeviceSignature	nvarchar	255		Yes	device for signature capture
15	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_BadgeSetup	Primary Key	1	Guid

Foreign Key	Source Column	Referenced Column
FK_BadgeSetup_Station_StationGuid	StationGuid	station(stn_guid)

Database Name: P2000EntityConfig

Table Name: cardevent

Table Comments:

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ce_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ce_panel_id	ReferenceInt			Yes	Panel Reference
3	ce_event_name	nchar	32		Yes	name of this event
4	ce_event_number	smallint			Yes	unique event number for the selected panel
5	ce_trigger_type	EnumValue			Yes	References enum set 'Card Event Trigger Type'
6	ce_priv_level	smallint			Yes	privilege level required for this event
7	ce_access_code	char	4		Yes	keypad code to trigger event
8	ce_event_period	smallint			Yes	event duration in minutes
9	ce_output_group	ReferenceInt			Yes	Output Group Reference
10	ce_input_group	ReferenceInt			Yes	Input Group Reference
11	ce_ip_suppress	Boolean			Yes	0 = don't suppress input group, 1 = suppress input group
12	ce_door_strike	Boolean			Yes	0 = don't operate door strike, 1 = operate door strike
13	ce_opgrp_act	Boolean			Yes	0 = don't activate output group, 1 = activate output group
14	ce_reset_pan_alm	Boolean			Yes	0 = don't restart panel alarm relay, 1 = restart panel alarm relay
15	ce_ip_enable	Boolean			Yes	0 = don't allow input group suppression, 1 = allow input group suppression
16	ce_op_enable	Boolean			Yes	0 = don't allow output group activation, 1 = allow output group activation
17	ce_term	smallint		16	Yes	0 = invalid for this terminal index, 1 = valid for this terminal index
33	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
34	ce_guid	PrimaryKey			No	GUID for unique record identification
35	ce_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_cardevent	Primary Key	1	ce_guid
UQ_cardevent_ce_id	Unique Key	1	ce_id
UQ_CardEvent_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ce_event_name
IQ_cardevent_ce_input_group	Key	1	ce_input_group
IQ_cardevent_ce_output_group	Key	1	ce_output_group
IQ_cardevent_ce_panel_id	Key	1	ce_panel_id
IQ_CardEvent_EnterpriseSite	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_cardevent_outputgrp_ce_output_group	ce_output_group	outputgrp(op_group_id)
FK_cardevent_panel_ce_panel_id	ce_panel_id	panel(p_panel_id)
FK_cardevent_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_cardevent_inputgrp_ce_input_group	ce_input_group	inputgrp(ip_group_id)

Database Name: P2000EntityConfig

Table Name: CCTVALarm

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CAL_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CAL_ParentID	int			No	ID of parent record
3	CAL_Name	nchar	64		No	Name
4	CAL_ServerID	int			No	ID of server record
5	CAL_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CAL_Description	nchar	64		No	Description
7	CAL_Partition	ReferenceInt			No	Partition Reference
8	CAL_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CAL_guid	PrimaryKey			No	GUID for unique record identification
11	CAL_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVALarm	Primary Key	1	CAL_guid
UQ_CCTVALarm_CAL_ID	Unique Key	1	CAL_ID
UQ_CCTVALarm_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CAL_Description
UQ_CCTVALarm_NameParent	Unique Key	1	CAL_Name
		2	CAL_ParentID
IQ_CCTVALarm_CAL_Partition	Key	1	CAL_Partition
IQ_CCTVALarm_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVALarm_CCTVSwitch_CAL_ParentID	CAL_ParentID	CCTVSwitch(CSW_ID)
FK_CCTVALarm_partition_CAL_Partition	CAL_Partition	partition(part_number)
FK_CCTVALarm_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: CCTVAuxiliaryCamera

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CAC_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CAC_ParentID	ReferenceInt			No	ID of parent record
3	CAC_Name	nchar	64		No	Name
4	CAC_ServerID	ReferenceInt			No	ID of server record
5	CAC_Exists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
6	CAC_Description	nchar	64		No	Description
7	CAC_Partition	ReferenceInt			No	Partition Reference
8	CAC_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CAC_guid	PrimaryKey			No	GUID for unique record identification
11	CAC_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVAuxiliaryCamera	Primary Key	1	CAC_guid
UQ_CCTVAuxiliaryCamera_CAC_ID	Unique Key	1	CAC_ID
UQ_CCTVAuxiliaryCamera_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CAC_Description
UQ_CCTVAuxiliaryCamera_NameParent	Unique Key	1	CAC_Name
		2	CAC_ParentID
IQ_CCTVAuxiliaryCamera_CAC_ParentID	Key	1	CAC_ParentID
IQ_CCTVAuxiliaryCamera_CAC_Partition	Key	1	CAC_Partition
IQ_CCTVAuxiliaryCamera_CAC_ServerID	Key	1	CAC_ServerID
IQ_CCTVAuxiliaryCamera_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVAuxiliaryCamera_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVAuxiliaryCamera_partition_CAC_Partition	CAC_Partition	partition(part_number)
FK_CCTVAuxiliaryCamera_CCTVServer_CAC_ServerID	CAC_ServerID	CCTVServer(CSV_ID)
FK_CCTVAuxiliaryCamera_CCTVCamera_CAC_ParentID	CAC_ParentID	CCTVCamera(CCA_ID)

Database Name: P2000EntityConfig

Table Name: CCTVAuxiliarySystem

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	CAS_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CAS_ParentID	ReferenceInt			No	ID of parent record
3	CAS_Name	nchar	64		No	Name
4	CAS_ServerID	ReferenceInt			No	ID of server record
5	CAS_Exists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
6	CAS_Description	nchar	64		No	Description
7	CAS_Partition	ReferenceInt			No	Partition Reference
8	CAS_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CAS_guid	PrimaryKey			No	GUID for unique record identification
11	CAS_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVAuxiliarySystem	Primary Key	1	CAS_guid
UQ_CCTVAuxiliarySystem_CAS_ID	Unique Key	1	CAS_ID
UQ_CCTVAuxiliarySystem_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CAS_Description
UQ_CCTVAuxiliarySystem_NameParent	Unique Key	1	CAS_Name
		2	CAS_ParentID
IQ_CCTVAuxiliarySystem_CAS_ParentID	Key	1	CAS_ParentID
IQ_CCTVAuxiliarySystem_CAS_Partition	Key	1	CAS_Partition
IQ_CCTVAuxiliarySystem_CAS_ServerID	Key	1	CAS_ServerID
IQ_CCTVAuxiliarySystem_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVAuxiliarySystem_partition_CAS_Partition	CAS_Partition	partition(part_number)
FK_CCTVAuxiliarySystem_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVAuxiliarySystem_CCTVSwitch_CAS_ParentID	CAS_ParentID	CCTVSwitch(CSW_ID)
FK_CCTVAuxiliarySystem_CCTVServer_CAS_ServerID	CAS_ServerID	CCTVServer(CSV_ID)

Database Name: P2000EntityConfig

Table Name: CCTVCamera

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CCA_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CCA_ParentID	ReferenceInt			No	ID of parent record
3	CCA_Name	nchar	64		No	Name
4	CCA_ServerID	ReferenceInt			No	ID of server record
5	CCA_Exists	Boolean			No	Reference enum set 'CCTV/AV Option Exists'
6	CCA_Description	nchar	64		No	Description
7	CCA_Partition	ReferenceInt			No	Partition Reference
8	CCA_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CCA_GeneralString	nchar	64		Yes	Reference enum set 'CCTV/AV Option Exists'
10	CCA_TiltExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
11	CCA_PanExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
12	CCA_ZoomExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
13	CCA_FocusExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
14	CCA_IrisExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
15	CCA_IrisAutomatic	int			No	
16	CCA_LensSpeed	int			No	Maximum lens speed
17	CCA_LensSpeedMax	int			No	
18	CCA_WiperExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
19	CCA_WasherExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
20	CCA_LightExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
21	CCA_StatusExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
22	CCA_PresetExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
23	CCA_PresetCount	int			No	
24	CCA_PresetMax	int			No	Number of presets (-1 = use default)
25	CCA_PresetPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
26	CCA_PresetRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
27	CCA_PresetStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
28	CCA_PatternExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
29	CCA_PatternCount	int			No	
30	CCA_PatternMax	int			No	Number of patterns (-1 = use default)
31	CCA_PatternPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
32	CCA_PatternRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
33	CCA_PatternStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
34	CCA_PatternPauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
35	CCA_PatternRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
36	CCA_PatternForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
37	CCA_PatternBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
38	CCA_PatternStepForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
39	CCA_PatternStepBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
40	CCA_AuxiliaryExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
41	CCA_AuxiliaryCount	int			No	
42	CCA_AuxiliaryMax	int			No	Number of camera auxiliaries (-1 = use default)
43	CCA_AuxiliaryPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
44	CCA_AuxiliaryStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
45	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
46	CCA_guid	PrimaryKey			No	GUID for unique record identification
47	CCA_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVCamera	Primary Key	1	CCA_guid
UQ_CCTVCamera_CCA_ID	Unique Key	1	CCA_ID
UQ_CCTVCamera_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CCA_Description
UQ_CCTVCamera_NameParent	Unique Key	1	CCA_Name
		2	CCA_ParentID
IQ_CCTVCamera_CCA_ParentID	Key	1	CCA_ParentID
IQ_CCTVCamera_CCA_Partition	Key	1	CCA_Partition
IQ_CCTVCamera_CCA_ServerID	Key	1	CCA_ServerID
IQ_CCTVCamera_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVCamera_CCTVSwitch_CCA_ParentID	CCA_ParentID	CCTVSwitch(CSW_ID)
FK_CCTVCamera_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVCamera_CCTVServer_CCA_ServerID	CCA_ServerID	CCTVServer(CSV_ID)
FK_CCTVCamera_partition_CCA_Partition	CCA_Partition	partition(part_number)

Database Name: P2000EntityConfig**Table Name:** CCTVMacros**Table Comments:** Configuration tables for CCTV equipment and resources**Partitioned:** 2 Partitioned**Enterprise:** 2 Sub-set**FDA:** 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CMA_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CMA_ParentID	int			No	ID of parent record
3	CMA_Name	nchar	64		No	Name
4	CMA_ServerID	int			No	ID of server record
5	CMA_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CMA_Description	nchar	64		No	Description
7	CMA_Partition	ReferenceInt			No	Partition Reference
8	CMA_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CMA_guid	PrimaryKey			No	GUID for unique record identification
11	CMA_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVMacros	Primary Key	1	CMA_guid
UQ_CCTVMacros_CMA_ID	Unique Key	1	CMA_ID
UQ_CCTVMacros_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CMA_Description
UQ_CCTVMacros_NameParent	Unique Key	1	CMA_Name
		2	CMA_ParentID
IQ_CCTVMacros_CMA_Partition	Key	1	CMA_Partition
IQ_CCTVMacros_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVMacros_CCTVSwitch_CMA_ParentID	CMA_ParentID	CCTVSwitch(CSW_ID)
FK_CCTVMacros_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVMacros_partition_CMA_Partition	CMA_Partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: CCTVMonitor

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CMO_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CMO_ParentID	int			No	ID of parent record
3	CMO_Name	nchar	64		No	Name
4	CMO_ServerID	int			No	ID of server record
5	CMO_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CMO_Description	nchar	64		No	Description
7	CMO_Partition	ReferenceInt			No	Partition Reference
8	CMO_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CMO_GeneralString	nchar	64		Yes	
10	CMO_SequenceExists	int			No	Reference enum set 'CCTV/AV Option Exists'
11	CMO_SequenceCount	int			No	
12	CMO_SequenceMax	int			No	Number of sequences (-1 = use default)
13	CMO_SequencePlayExists	int			No	Reference enum set 'CCTV/AV Option Exists'
14	CMO_SequenceRecordExists	int			No	Reference enum set 'CCTV/AV Option Exists'
15	CMO_SequenceStopExists	int			No	Reference enum set 'CCTV/AV Option Exists'
16	CMO_SequencePauseExists	int			No	Reference enum set 'CCTV/AV Option Exists'
17	CMO_SequenceRestartExists	int			No	Reference enum set 'CCTV/AV Option Exists'
18	CMO_SequenceForwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
19	CMO_SequenceBackwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
20	CMO_SequenceStepForwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
21	CMO_SequenceStepBackwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
22	CMO_SequenceCameraForwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
23	CMO_SequenceCameraBackwardExists	int			No	Reference enum set 'CCTV/AV Option Exists'
24	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference

Field	Column Name	Type	Length	Occurences	Nullable	Comment
25	CMO_guid	PrimaryKey			No	GUID for unique record identification
26	CMO_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVMonitor	Primary Key	1	CMO_guid
UQ_CCTVMonitor_CMO_ID	Unique Key	1	CMO_ID
UQ_CCTVMonitor_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CMO_Description
UQ_CCTVMonitor_NameParent	Unique Key	1	CMO_Name
		2	CMO_ParentID
IQ_CCTVMonitor_CMO_Partition	Key	1	CMO_Partition
IQ_CCTVMonitor_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVMonitor_CCTVSwitch_CMO_ParentID	CMO_ParentID	CCTVSwitch(CSW_ID)
FK_CCTVMonitor_partition_CMO_Partition	CMO_Partition	partition(part_number)
FK_CCTVMonitor_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: CCTVPattern

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	CPA_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CPA_ParentID	int			No	ID of parent record
3	CPA_Name	nchar	64		No	Name
4	CPA_ServerID	int			No	ID of server record
5	CPA_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CPA_Description	nchar	64		No	Description
7	CPA_Partition	ReferenceInt			No	Partition Reference
8	CPA_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CPA_guid	PrimaryKey			No	GUID for unique record identification
11	CPA_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVPattern	Primary Key	1	CPA_guid
UQ_CCTVPattern_CPA_ID	Unique Key	1	CPA_ID
UQ_CCTVPattern_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CPA_Description
UQ_CCTVPattern_NameParent	Unique Key	1	CPA_Name
		2	CPA_ParentID
IQ_CCTVPattern_CPA_Partition	Key	1	CPA_Partition
IQ_CCTVPattern_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVPattern_partition_CPA_Partition	CPA_Partition	partition(part_number)
FK_CCTVPattern_CCTVCamera_CPA_ParentID	CPA_ParentID	CCTVCamera(CCA_ID)
FK_CCTVPattern_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: CCTVPreset

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CPR_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CPR_ParentID	int			No	ID of parent record
3	CPR_Name	nchar	64		No	Name
4	CPR_ServerID	int			No	ID of server record
5	CPR_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CPR_Description	nchar	64		No	Description
7	CPR_Partition	ReferenceInt			No	Partition Reference
8	CPR_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CPR_guid	PrimaryKey			No	GUID for unique record identification
11	CPR_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVPreset	Primary Key	1	CPR_guid
UQ_CCTVPreset_CPR_ID	Unique Key	1	CPR_ID
UQ_CCTVPreset_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CPR_Description
UQ_CCTVPreset_NameParent	Unique Key	1	CPR_Name
		2	CPR_ParentID
IQ_CCTVPreset_CPR_Partition	Key	1	CPR_Partition
IQ_CCTVPreset_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVPreset_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVPreset_partition_CPR_Partition	CPR_Partition	partition(part_number)
FK_CCTVPreset_CCTVCamera_CPR_ParentID	CPR_ParentID	CCTVCamera(CCA_ID)

Database Name: P2000EntityConfig

Table Name: CCTVSequence

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CSE_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CSE_ParentID	int			No	ID of parent record
3	CSE_Name	nchar	64		No	Name
4	CSE_ServerID	int			No	ID of server record
5	CSE_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CSE_Description	nchar	64		No	Description
7	CSE_Partition	ReferenceInt			No	Partition Reference
8	CSE_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CSE_guid	PrimaryKey			No	GUID for unique record identification
11	CSE_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVSequence	Primary Key	1	CSE_guid
UQ_CCTVSequence_CSE_ID	Unique Key	1	CSE_ID
UQ_CCTVSequence_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CSE_Description
UQ_CCTVSequence_NameParent	Unique Key	1	CSE_Name
		2	CSE_ParentID
IQ_CCTVSequence_CSE_Partition	Key	1	CSE_Partition
IQ_CCTVSequence_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVSequence_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVSequence_CCTVMonitor_CSE_ParentID	CSE_ParentID	CCTVMonitor(CMO_ID)
FK_CCTVSequence_partition_CSE_Partition	CSE_Partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: CCTVServer

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CSV_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CSV_ParentID	int			No	ID of parent record
3	CSV_Name	nchar	64		No	Name
4	CSV_ServerID	int			No	ID of server record
5	CSV_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CSV_Description	nchar	64		No	Description
7	CSV_Partition	ReferenceInt			No	Partition Reference
8	CSV_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CSV_PCName	nchar	64		No	Computer Name where CCTV Server is running
10	CSV_ProgID	nchar	64		No	PROGID name of CCTV Server
11	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
12	CSV_guid	PrimaryKey			No	GUID for unique record identification
13	CSV_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVServer	Primary Key	1	CSV_guid
UQ_CCTVServer_CSV_ID	Unique Key	1	CSV_ID
UQ_CCTVServer_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CSV_Description
IQ_CCTVServer_CSV_Partition	Key	1	CSV_Partition
IQ_CCTVServer_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVServer_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVServer_partition_CSV_Partition	CSV_Partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: CCTVSwtch

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	CSW_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CSW_ParentID	int			No	ID of parent record
3	CSW_Name	nchar	64		No	Name
4	CSW_ServerID	int			No	ID of server record
5	CSW_Exists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
6	CSW_Description	nchar	64		No	Description
7	CSW_Partition	ReferenceInt			No	Partition Reference
8	CSW_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	CSW_Priority	int			No	
10	CSW_CCTVProtocolType	nchar	64		No	CCTV Protocol type
11	CSW_Type	int			No	Communication Port (1 = Serial comms, 2 = TCP/IP)
12	CSW_Port	char	64		No	Serial Port
13	CSW_Baudrate	int			No	Baudrate
14	CSW_DataBits	int			No	Data bits
15	CSW_Parity	int			No	Stop bits
16	CSW_StopBits	int			No	IP address of the source (valid only if bns_computer_name is empty)
17	CSW_IPAddress	char	64		Yes	Reference enum set 'CCTV/AV Option Exists'
18	CSW_AlarmExists	EnumValue			No	
19	CSW_AlarmCount	int			No	
20	CSW_AlarmMax	int			No	Number of alarm (-1 = use default)
21	CSW_AlarmPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
22	CSW_AlarmStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
23	CSW_AuxiliaryExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
24	CSW_AuxiliaryCount	int			No	
25	CSW_AuxiliaryMax	int			No	Number of auxiliaries (-1 = use default)
26	CSW_AuxiliaryPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
27	CSW_AuxiliaryStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
28	CSW_MacroExists	int			No	Reference enum set 'CCTV/AV Option Exists'
29	CSW_MacroCount	int			No	
30	CSW_MacroMax	int			No	Number of macros (-1 = use default)
31	CSW_MacroPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
32	CSW_MacroRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
33	CSW_MacroStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
34	CSW_MacroPauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
35	CSW_MacroRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
36	CSW_TourExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
37	CSW_TourCount	int			No	
38	CSW_TourMax	int			No	Number of tours (-1 = use default)
39	CSW_TourPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
40	CSW_TourRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
41	CSW_TourStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
42	CSW_TourPauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
43	CSW_TourRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
44	CSW_TourForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
45	CSW_TourBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
46	CSW_TourStepForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
47	CSW_TourStepBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
48	CSW_TourCameraForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
49	CSW_TourCameraBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
50	CSW_MonitorCount	int			No	
51	CSW_MonitorMax	int			No	Number of monitors (-1 = use default)
52	CSW_SequenceExists	int			No	Reference enum set 'CCTV/AV Option Exists'
53	CSW_SequenceMax	int			No	Number of sequences (-1 = use default)
54	CSW_SequencePlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
55	CSW_SequenceRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
56	CSW_SequenceStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
57	CSW_SequencePauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
58	CSW_SequenceRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
59	CSW_SequenceStepForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
60	CSW_SequenceStepBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
61	CSW_SequenceCameraForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
62	CSW_SequenceCameraBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
63	CSW_CameraCount	int			No	
64	CSW_CameraMax	int			No	Number of cameras (-1 = use default)
65	CSW_PresetExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
66	CSW_PresetMax	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
67	CSW_PresetPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
68	CSW_PresetRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
69	CSW_PresetStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
70	CSW_PatternExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
71	CSW_PatternMax	int			No	Number of patterns (-1 = use default)
72	CSW_PatternPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
73	CSW_PatternRecordExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
74	CSW_PatternStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
75	CSW_PatternPauseExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
76	CSW_PatternRestartExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
77	CSW_PatternStepForwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
78	CSW_PatternStepBackwardExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
79	CSW_CameraAuxiliaryExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
80	CSW_CameraAuxiliaryMax	int			No	Number of camera auxiliaries (-1 = use default)
81	CSW_CameraAuxiliaryPlayExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
82	CSW_CameraAuxiliaryStopExists	EnumValue			No	Reference enum set 'CCTV/AV Option Exists'
83	CSW_TimeOut	int			No	Communication TimeOut
84	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
85	CSW_guid	PrimaryKey			No	GUID for unique record identification
86	CSW_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVSwitch	Primary Key	1	CSW_guid
UQ_CCTVSwitch_CSW_ID	Unique Key	1	CSW_ID
UQ_CCTVSwitch_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CSW_Description
UQ_CCTVSwitch_NameParent	Unique Key	1	CSW_Name
		2	CSW_ParentID
IQ_CCTVSwitch_CSW_Partition	Key	1	CSW_Partition
IQ_CCTVSwitch_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVSwitch_CCTVMonitor_CSW_ParentID	CSW_ParentID	CCTVServer(CSV_ID)
FK_CCTVSwitch_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVSwitch_partition_CSW_Partition	CSW_Partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: CCTVTour

Table Comments: Configuration tables for CCTV equipment and resources

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	CTO_ID	IDENTITY			No	Unique Identification of the record within the Enterprise
2	CTO_ParentID	int			No	ID of parent record
3	CTO_Name	nchar	64		No	Name
4	CTO_ServerID	int			No	ID of server record
5	CTO_Exists	int			No	Reference enum set 'CCTV/AV Option Exists'
6	CTO_Description	nchar	64		No	Description
7	CTO_Partition	ReferenceInt			No	Partition Reference
8	CTO_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	CTO_guid	PrimaryKey			No	GUID for unique record identification
11	CTO_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_CCTVTour	Primary Key	1	CTO_guid
UQ_CCTVTour_CTO_ID	Unique Key	1	CTO_ID
UQ_CCTVTour_EnterpriseDescription	Unique Key	1	EnterpriseSiteGuid
		2	CTO_Description
UQ_CCTVTour_NameParent	Unique Key	1	CTO_Name
		2	CTO_ParentID
IQ_CCTVTour_CTO_Partition	Key	1	CTO_Partition
IQ_CCTVTour_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_CCTVTour_partition_CTO_Partition	CTO_Partition	partition(part_number)
FK_CCTVTour_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_CCTVTour_CCTVSwitch_CTO_ParentID	CTO_ParentID	CCTVSwitch(CSW_ID)

Database Name: P2000EntityConfig
Table Name: CK722DownloadBuffer
Table Comments: Buffers the download for each CK722 panel

Partitioned: 5 History Information
Enterprise: 3 None
FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Record Key
2	RepositoryInstanceGuid	ReferenceGuid			No	Panel Guid
3	DownloadBufferType	int			No	Determines the object type to be downloaded
4	DownloadActionType	int			No	Determines the action
5	Id	int			No	References item within the object (eg Data Record ID)
6	TimeStampUTC	DateTime			No	UTC Timestamp when download of this record occurred
7	SequenceNumber	int			No	Resolves download sequence within timestamp resolution
8	Data	image			No	Serialized payload for download command

Index	Key Type	Order	Column Name
PK_CK722DownloadBuffer	Primary Key	1	Guid
IQ_CK722DownloadBuffer_DownloadBuferTypeTimeStampUTCSequence	Key	1	DownloadBufferType
		2	TimeStampUTC
		3	SequenceNumber
IQ_CK722DownloadBuffer_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid

Foreign Key	Source Column	Referenced Column
FK_CK722DownloadBuffer_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: counter

Table Comments: P2000 system counter

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ctr_partition	ReferenceInt			No	Partition Reference
2	ctr_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ctr_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ctr_name	nchar	32		No	Counter Name
5	ctr_value	int			Yes	Counter Value
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	ctr_guid	PrimaryKey			No	GUID for unique record identification
8	ctr_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_counter	Primary Key	1	ctr_guid
UQ_counter_ctr_id	Unique Key	1	ctr_id
UQ_Counter_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ctr_name
IQ_counter_ctr_partition	Key	1	ctr_partition
IQ_counter_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_counter_partition_ctr_partition	ctr_partition	partition(part_number)
FK_counter_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: counter_p900
Table Comments: Counter within a P900 panel

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	cp_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	cp_name	varchar			Yes	P900 Counter Name
3	cp_number	smallint			No	physical P900 counter number
4	cp_status	smallint			No	the counter status
5	cp_report_change	smallint			No	report when change
6	cp_current_value	int			Yes	current value for counter control
7	cp_default_value	int			Yes	default counter value
8	cp_max_value	int			Yes	maximum counter value
9	cp_force_value	int			Yes	force value
10	cp_update_time	datetime			Yes	time stamp for control
11	cp_query_string	nchar	64		Yes	query string enter by user
12	cp_partition	ReferenceInt			No	Partition Reference
13	cp_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
14	cp_panel_id	ReferenceInt			No	Panel Reference
15	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
16	cp_guid	PrimaryKey			No	GUID for unique record identification
17	cp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_counter_p900	Primary Key	1	cp_guid
UQ_counter_p900_cp_id	Unique Key	1	cp_id
UQ_Counter_P900_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	cp_name
IQ_counter_p900_cp_panel_id	Key	1	cp_panel_id
IQ_counter_p900_cp_partition	Key	1	cp_partition
IQ_counter_p900_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_counter_p900_partition_cp_partition	cp_partition	partition(part_number)
FK_counter_p900_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_counter_p900_panel_cp_panel_id	cp_panel_id	panel(p_panel_id)

Database Name: P2000History

Table Name: DatabaseVersion

Table Comments: Database table containing the version of the current DB structure

Partitioned: 1 Unpartitioned

Enterprise: 3 None

FDA: 6 Processing Commands

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Major	int			No	P2000 major version
3	Minor	int			No	P2000 minor version
4	Release	int			No	P2000 release number
5	Build	int			No	P2000 build number
6	CleanInstall	Boolean			No	(1) P2000 was cleanly installed (0) P2000 was an upgrade
7	InstallDate	datetime			No	Date/Time when this P2000 version was installed
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_DatabaseVersion	Primary Key	1	Guid

Database Name: P2000EntityConfig

Table Name: DatabaseVersion

Table Comments: Data table containing the version of the current DB structure

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	major	int			No	P2000 major version
3	minor	int			No	P2000 minor version
4	release	int			No	P2000 release number
5	build	int			No	P2000 build number
6	installdate	datetime			No	Date/Time when this P2000 version was installed
7	CleanInstall	Boolean			No	
8	Checksum	Signature			No	

Index	Key Type	Order	Column Name
PK_DBVersion	Primary Key	1	Guid

Database Name: P2000EntityConfig

Table Name: dataimport_fields

Table Comments: Table used to define interface between third party data providers and P2000.

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	dif_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	dif_interface	nchar	32		No	interface name ref by p2000
3	dif_db	nchar	32		No	database
4	dif_table	nchar	128		No	database table name
5	dif_field	nchar	64		No	table field name
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	dif_guid	PrimaryKey			No	GUID for unique record identification
8	dif_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_dataimport_fields	Primary Key	1	dif_guid
UQ_dataimport_fields_dif_id	Unique Key	1	dif_id
UQ_DataImport_Fields_EnterpriseName	Key	1	EnterpriseSiteGuid
		2	dif_interface

Foreign Key	Source Column	Referenced Column
FK_dataimport_fields_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: dataimport_mapping

Table Comments: Table used to define interface between third party data providers and P2000.

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	dim_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	dim_interface	nchar	32		No	interface name ref by p2000
3	dim_sourcedb	nchar	32		No	source db
4	dim_sourcetable	nchar	128		No	source db table name
5	dim_sourcefield	nchar	128		No	source db field
6	dim_savedb	nchar	32		No	db where source info will be saved
7	dim_savetable	nchar	128		No	destination db table name
8	dim_savefield	nchar	128		No	destination db field
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	dim_guid	PrimaryKey			No	GUID for unique record identification
11	dim_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_dataimport_mapping	Primary Key	1	dim_guid
UQ_dataimport_mapping_dim_id	Unique Key	1	dim_id
UQ_DataImport_Mapping_EnterpriseName	Key	1	EnterpriseSiteGuid
		2	dim_interface

Foreign Key	Source Column	Referenced Column
FK_dataimport_mapping_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name:

P2000History

Table Name:

DisplayName

Table Comments:

Table to localize P2000 record names and enumerations set/values into a local language string

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	ItemGuid	uniqueidentifier			No	Referenced item
3	Language	nchar	16		No	
4	Name	ObjectName	80		No	Provides a unique name for this record
5	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_DisplayName	Primary Key	1	Guid
UQ_DisplayName_LanguageItem	Unique Key	1	Language
		2	ItemGuid

Database Name: P2000EntityConfig

Table Name: DisplayName

Table Comments: Table to localize P2000 record names and enumerations set/values into a local language string

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	ItemGuid	uniqueidentifier			No	
3	Language	nchar	16		No	.NET culture identification
4	Name	ObjectName	80		No	Provides a unique name for this record
5	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_DisplayName	Primary Key	1	Guid
UQ_DisplayName_LanguageItem	Unique Key	1	Language
		2	ItemGuid

Database Name: P2000EntityConfig

Table Name: drycontact_status

Table Comments: AVDryContact status

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	dcstat_id	ReferenceInt			No	Dry contact reference
2	dcstat_status	smallint			No	current state for dry contact
3	dcstat_timestamp	datetime			No	time of last current dry contact
5	dcstat_guid	PrimaryKey			No	GUID for unique record identification
6	dcstat_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_drycontact_status	Primary Key	1	dcstat_guid
IQ_drycontact_status_dcstat_id	Key	1	dcstat_id

Foreign Key	Source Column	Referenced Column
FK_drycontact_status_avdrycontact_dcstat_id	dcstat_id	avdrycontact(ADC_ID)

Database Name: P2000EntityConfig
Table Name: elevator
Table Comments: Table containing elevator/cabinet definition

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	el_partition	ReferenceInt			No	Partition Reference
2	el_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	el_elevator_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	el_elevator_name	nchar	32		No	Elevator / cabinet name
5	el_type	smallint			Yes	References enum set 'Elevator Type'
6	el_panel_id	ReferenceInt			Yes	Panel Reference
7	el_if_level	smallint			Yes	References enum set 'Elevator Interface'
8	el_high_protocol	int			Yes	
9	el_timed_access	Boolean			Yes	0 = no timed access, 1 = timed access
10	el_floor_track	Boolean			Yes	0 = no floor/door tracking, 1 = floor/door tracking
11	el_access_time	int			Yes	access time (sec's)
12	el_cab_reader	ReferenceInt			Yes	Terminal Reference
13	el_fireman_sw	ReferenceInt			Yes	Input Point Reference
14	el_service_sw	ReferenceInt			Yes	Input Point Reference
15	el_suppress_time	int			Yes	door input alarm supp time
16	el_alarm_flag	Boolean			Yes	0 = no input alarms, 1 = input alarm enabled
17	el_query_string	nchar	64		Yes	Query string
18	el_track_open	Boolean			Yes	1 = track on input open
19	el_track_transition	Boolean			Yes	1 = track on transition
20	el_HLEI_user_var	smallint			No	for KONE, elevator address (1 to 8)
21	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
22	el_guid	PrimaryKey			No	GUID for unique record identification
23	el_checksum	Signature			No	Digital Signature
24	el_d620_ecg_mode	smallint			No	

Index	Key Type	Order	Column Name
PK_elevator	Primary Key	1	el_guid
UQ_elevator_el_elevator_id	Unique Key	1	el_elevator_id
UQ_Elevator_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	el_elevator_name
IQ_elevator_el_cab_reader	Key	1	el_cab_reader
IQ_elevator_el_fireman_sw	Key	1	el_fireman_sw
IQ_elevator_el_panel_id	Key	1	el_panel_id
IQ_elevator_el_partition	Key	1	el_partition
IQ_elevator_el_service_sw	Key	1	el_service_sw
IQ_elevator_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_elevator_partition_el_partition	el_partition	partition(part_number)
FK_elevator_input_el_service_sw	el_service_sw	input(ip_point_id)
FK_elevator_panel_el_panel_id	el_panel_id	panel(p_panel_id)
FK_elevator_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_elevator_terminal_el_cab_reader	el_cab_reader	terminal(tp_term_id)
FK_elevator_input_el_fireman_sw	el_fireman_sw	input(ip_point_id)

Database Name: P2000EntityConfig

Table Name: elevatordetails

Table Comments: Table containing the floor definition for each elevator / cabinet

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ed_elevator_id	int			No	Elevator Reference
2	ed_floor_number	smallint			No	Floor number
3	ed_output	ReferenceInt			Yes	Output Point Reference
4	ed_input	ReferenceInt			Yes	Input Point Reference
5	ed_timezone	ReferenceInt			Yes	Timezone Reference
7	ed_guid	PrimaryKey			No	GUID for unique record identification
8	ed_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_elevatordetails	Primary Key	1	ed_guid
IQ_elevatordetails_ed_input	Key	1	ed_input
IQ_elevatordetails_ed_output	Key	1	ed_output
IQ_elevatordetails_ed_timezone	Key	1	ed_timezone

Foreign Key	Source Column	Referenced Column
FK_elevatordetails_timezone_ed_timezone	ed_timezone	timezone(tz_id)
FK_elevatordetails_input_ed_input	ed_input	input(ip_point_id)
FK_elevatordetails_output_ed_output	ed_output	output(op_output_id)

Database Name: P2000EntityConfig

Table Name: enable_code

Table Comments: Table storing the activation codes for D6xx features such as AirCrewPin

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ec_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ec_panel_id	ReferenceInt			Yes	Panel Reference
3	ec_code_number1	smallint			Yes	enable code #1 (0=none, 1=Ext timed override)
4	ec_cn1_digit	int			Yes	enable code digit 1
5	ec_code_number2	smallint			Yes	enable code #2 (0=none, 2=ext shunt time)
6	ec_cn2_digit	int			Yes	enable code digit 2
7	ec_code_number3	smallint			Yes	enable code # 3 (0=none, 3=air crew pin)
8	ec_cn3_digit	int			Yes	enable code digit 3
9	ec_code_number4	smallint			Yes	enable code # 4 (0=none, 4=pin+1)
10	ec_cn4_digit	int			Yes	enable code digit 4
12	ec_guid	PrimaryKey			No	GUID for unique record identification
13	ec_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_enable_code	Primary Key	1	ec_guid
UQ_enable_code_ec_id	Unique Key	1	ec_id
IQ_enable_code_ec_panel_id	Key	1	ec_panel_id

Foreign Key	Source Column	Referenced Column
FK_enable_code_panel_ec_panel_id	ec_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: ent_site

Table Comments: List of P2000 sites that are part of the P2000. A non-enterprise system shall at least contain the name of the local site within the list of enterprise sites

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ens_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ens_name	nchar	32		No	Enterprise site name
3	ens_host_name	nchar	32		No	SQL Server name of enterprise site
4	ens_host_name_alt	nchar	32		Yes	Alternate SQL Server name of enterprise site
5	ens_subscribe_to_all	Boolean			No	Subscribe to all enterprise sites
7	ens_guid	PrimaryKey			No	GUID for unique record identification
8	ens_checksum	Signature			No	Digital Signature
9	ens_passwordmode	int			No	Determines the password mode for connecting to XML RPC Interface
10	ens_useraname	nchar	32		Yes	XML RPC User Name
11	ens_password	nchar	64		Yes	XML RPC Password
12	ens_portnumber	int			No	XML RPC Port Number

Index	Key Type	Order	Column Name
PK_ent_site	Primary Key	1	ens_guid
UQ_ent_site_ens_id	Unique Key	1	ens_id
UQ_ent_site_ens_name	Unique Key	1	ens_name

Database Name: P2000EntityConfig

Table Name: enterprise_parameters

Table Comments: Table defining the central enterprise server and enterprise wide system parameters

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	enp_name	nchar	32		No	Enterprise Site name of Central Server
2	enp_name_alt	nchar	32		Yes	Enterprise Site name of Alternate Server
4	enp_guid	PrimaryKey			No	GUID for unique record identification
5	enp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_enterprise_parameters	Primary Key	1	enp_guid

Database Name: P2000EntityConfig

Table Name: Entity

Table Comments: List of all P2000 entities within the P2000 enterprise

Partitioned: 2 Partitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Name of this entity
3	FirstName	nchar	25		Yes	If entity is persone
4	MiddleName	nchar	25		Yes	Middle Name
5	Description	Description	80		Yes	Description
6	PartitionGuid	ReferenceGuid			No	Partition Reference
7	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
8	EntityTypeGuid	ReferenceGuid			No	Entity Type Refernece
9	EntityCategoryGuid	ReferenceGuid			Yes	References the entity's user defined category
10	OrganizationGuid	ReferenceGuid		4	Yes	Organization Reference
14	ForeignSystemKey	char	25		Yes	Link for external system if not established through GUID
17	Address_0	nchar	32		Yes	Address - Suite
18	Address_1	nchar	64		Yes	Address - Street
19	Address_2	nchar	32		Yes	Address - City
20	Address_3	nchar	32		Yes	Address - State
21	Address_4	nchar	32		Yes	Address - Zip
22	Address_5	nchar	32		Yes	Address - Country
24	Phone	nchar	32		Yes	Phone number
25	Extension	char	32		Yes	Extension
26	Email	nchar	64		Yes	Email Address
27	ValidationStart	datetime			No	Validation Start Date / Time (UTC)
28	ValidationEnd	datetime			No	Validation End Date / Time (UTC)
29	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_Entity	Primary Key	1	Guid
IQ_Entity_EntityCategoryGuid	Key	1	EntityCategoryGuid
IQ_Entity_EntityTypeGuid	Key	1	EntityTypeGuid
IQ_Entity_Name	Key	1	Name
		2	FirstName
		3	MiddleName
IQ_Entity_OrganizationGuid	Key	1	OrganizationGuid
IQ_Entity_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_Entity_Organization_OrganizationGuid	OrganizationGuid	Organization(Guid)
FK_Entity_RepositoryInstance_EntityCategoryGuid	EntityCategoryGuid	RepositoryInstance(Guid)
FK_Entity_EnumValue_EntityTypeGuid	EntityTypeGuid	EnumValue(Guid)
FK_Entity_partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name:

P2000EntityConfig

Table Name:

EntityAreaStatus

Table Comments:

Contains up to one record per entity, area and enterprise site to store the entity's status for this arewa type

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	AreaType	EnumValue			No	References enum set 'Area Type'
3	EntityGuid	ReferenceGuid			No	Entity Reference
4	AreaGuid	ReferenceGuid			Yes	Area Reference
5	TerminalGuid	ReferenceGuid			Yes	Terminal Reference
7	TimeStamp	datetime			No	Date/Time when record was last changed
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityAreaStatus	Primary Key	1	Guid
UQ_EntityAreaStatus_EntityGuidAreaType	Unique Key	1	EntityGuid
		2	AreaType
IQ_EntityAreaStatus_AreaGuid	Key	1	AreaGuid
IQ_EntityAreaStatus_AreaType	Key	1	AreaType
IQ_EntityAreaStatus_TerminalGuid	Key	1	TerminalGuid

Foreign Key	Source Column	Referenced Column
FK_EntityAreaStatus_area_configuration_AreaGuid	AreaGuid	area_configuration(ac_guid)
FK_EntityAreaStatus_terminal_TerminalGuid	TerminalGuid	terminal(tp_guid)
FK_EntityAreaStatus_Entity_EntityGuid	EntityGuid	Entity(Guid)

Database Name: P2000EntityConfig

Table Name: EntityEntity

Table Comments: Defines relationships between P2000 entities such as sponsor, owner, escort, etc.

Partitioned: 4 Sub-record

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EntityGuidParent	ReferenceGuid			No	Entity Reference
3	EntityGuidChild	ReferenceGuid			No	Entity Reference
4	EntityEntityType	EnumValue			No	References enum set 'Entity Entity Type'
5	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityEntity	Primary Key	1	Guid
IQ_EntityEntity_EntityGuidChild	Key	1	EntityChildGuidChild
IQ_EntityEntity_EntityGuidParent	Key	1	EntityParentGuidParent

Foreign Key	Source Column	Referenced Column
FK_EntityEntity_Entity_EntityGuidParent	EntityGuidParent	Entity(Guid)
FK_EntityEntity_Entity_EntityGuidChild	EntityGuidChild	Entity(Guid)

Database Name: P2000EntityConfig
Table Name: EntityGroup
Table Comments: List of P2000 entity groups

Partitioned: 2 Partitioned
Enterprise: 1 All records
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Description
5	PartitionGuid	ReferenceGuid			No	Partition Reference
6	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
8	EnterpriseSiteGuid	ReferenceGuid			No	References associated enterprise site
9	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityGroup	Primary Key	1	Guid
UQ_EntityGroup_Name	Unique Key	1	Name
IQ_EntityGroup_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_EntityGroup_EnterpriseSite_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_EntityGroup_partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: EntityGroupEntity

Table Comments: Used to establish an N:N link between entities and entity groups

Partitioned: 4 Sub-record

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EntityGuid	ReferenceGuid			No	Entity Reference
3	EntityGroupGuid	ReferenceGuid			No	Entity Group Reference
4	EntityGroupEntityType	EnumValue			No	References the associate enumeration value for enumeration set "EntityGroupEntityType" in the table "EnumValue"
5	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityGroupEntity	Primary Key	1	Guid
IQ_EntityGroupEntity_EntityGroupGuid	Key	1	EntityGroupGuid
IQ_EntityGroupEntity_EntityGuid	Key	1	EntityGuid

Foreign Key	Source Column	Referenced Column
FK_EntityGroupEntity_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_EntityGroupEntity_EntityGroup_EntityGroupGuid	EntityGroupGuid	EntityGroup(Guid)

Database Name: P2000EntityConfig

Table Name: EntityImage

Table Comments:

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Record Guid
2	EntityGuid	ReferenceGuid			No	References associated entity
3	ImageType	int			No	Type of image (enum value reference)
4	Instance	int			No	
5	CreateDate	DateTime			No	Date when image was created
6	Picture	Image			No	Image
7	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PR_EntityImage	Primary Key	1	Guid
IQ_EntityImage_EntityGuid	Key	1	EntityGuid

Foreign Key	Source Column	Referenced Column
FK_EntityImage_Entity_EntityGuid	EntityGuid	Entity(Guid)

Database Name: P2000EntityConfig

Table Name: EntityMusterZoneStatus

Table Comments: Contains up to one record per entity and muster zone

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EntityGuid	ReferenceGuid			No	Entity Reference
3	MusterZoneGuid	ReferenceGuid			No	Muster Zone Reference
4	MusterGroupType	EnumValue			No	References the associate enumeration value for enumeration set "MusterGroupType" in the table "EnumValue"
5	Priority	int			No	
6	TimeStamp	DateTime			No	
7	TerminalGuid	ReferenceGuid			Yes	
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityMusterZoneStatus	Primary Key	1	Guid
IQ_EntityMusterZoneStatus_EntityGuid	Key	1	EntityGuid
IQ_EntityMusterZoneStatus_MusterZoneGuid	Key	1	MusterZoneGuid
IQ_MusterReaders_TerminalGuid	Key	1	TerminalGuid

Foreign Key	Source Column	Referenced Column
FK_EntityMusterZoneStatus_MusterZone_MusterZoneGuid	MusterZoneGuid	MusterDefinition(m_guid)
FK_EntityMusterZoneStatus_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_MusterReaders_Terminal_TerminalGuid	TerminalGuid	terminal(tp_guid)

Database Name: P2000EntityConfig

Table Name: EntityRepositoryInstanceStatus

Table Comments: Table containing the status for an entity within a given repository instance

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	EntityGuid	Reference			No	Entity Reference
3	RepositoryInstanceGuid	Reference			No	Repository Instance Reference
4	Status	int			No	Status
5	TimeStamp	datetime			No	Date/Time of last status change
6	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_EntityRepositoryInstance	Primary Key	1	Guid
UQ_EntityRepositoryInstance_EntityRepositoryInstanceGuid	Unique Key	1	EntityGuid
		2	RepositoryInstanceGuid
IQ_EntityRepositoryInstance_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid

Foreign Key	Source Column	Referenced Column
FK_EntityRepositoryInstance_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_EntityRepositoryInstance_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: EntitySite

Table Comments: An entity site record contain the site related information for the associated entity and enterprise site

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EntityGuid	ReferenceGuid			No	Entity Reference
3	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
4	IsEnabled	Boolean			No	Entity is enabled for access control on this site
5	IsActive	Boolean			No	Defines whether entity is active on this site (calculated)
7	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntitySite	Primary Key	1	Guid
IQ_EntitySite_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_EntitySite_EntityGuid	Key	1	EntityGuid

Foreign Key	Source Column	Referenced Column
FK_EntitySite_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_EntitySite_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: EntitySiteStatus

Table Comments: Contains up to one record per entity and enterprise site to store status information for the entity

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Guid references the EntitySite table
3	AntiPassBackTimer	int			No	anti-passback timer (central mode)
4	PinRetryCount	int			No	number of pin code retries (central mode)
5	TimeStamp	datetime			Yes	Date/Time of last APB or PinRetryCount change
6	HistoryTypeValid	EnumValue			Yes	References the associate enumeration value for enumeration set "HistoryType" in the table "EnumValue"
7	ValidTimeStamp	datetime			Yes	Date/time of the last valid transaction associated with the access profile
8	TerminalGuidValid	ReferenceGuid			Yes	Terminal Reference
9	HistoryTypeInvalid	EnumValue			Yes	References the associate enumeration value for enumeration set "HistoryType" in the table "EnumValue"
10	InvalidTimeStamp	datetime			Yes	Date/time of the last invalid transaction associated with the access profile
11	TerminalGuidInvalid	ReferenceGuid			Yes	Terminal Reference
13	Checksum	Signature			No	Contains the digital signature for the record.
14	EntryExitStatus	EnumValue			Yes	References the associate enumeration value for enumeration set "EntryExitStatus" in the table "EnumValue"

Index	Key Type	Order	Column Name
PK_EntitySiteStatus	Primary Key	1	Guid
IQ_EntitySiteStatus_TerminalGuidInvalid	Key	1	TerminalInvalidGuidInvalid
IQ_EntitySiteStatus_TerminalGuidValid	Key	1	TerminalValidGuidValid

Foreign Key	Source Column	Referenced Column
FK_EntitySiteStatus_terminal_TerminalGuidInvalid	TerminalGuidInvalid	terminal(tp_guid)
FK_EntitySiteStatus_EntitySiteGuid	Guid	EntitySite(Guid)
FK_EntitySiteStatus_terminal_TerminalGuidValid	TerminalGuidValid	terminal(tp_guid)

Database Name: P2000EntityConfig

Table Name: EntitySiteStatusSave

Table Comments: Used to save the EntitySiteStatus entries for a particular MusterZone

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Record guid
2	EntitySiteGuid	ReferenceGuid			No	EntitySite associated with the status
3	MusterZoneGuid	ReferenceGuid			No	Guid of referenced MusterZone
4	AntiPassBackTimer	int			No	anti-passback timer (central mode)
5	PinRetryCount	int			No	number of pin code retries (central mode)
6	TimeStamp	datetime			Yes	Date/Time of last APB or PinRetryCount change
7	HistoryTypeValid	EnumValue			Yes	References the associate enumeration value for enumeration set "HistoryType" in the table "EnumValue"
8	ValidTimeStamp	datetime			Yes	Date/time of the last valid transaction associated with the access profile
9	TerminalGuidValid	ReferenceGuid			Yes	Terminal Reference
10	HistoryTypeInvalid	EnumValue			Yes	References the associate enumeration value for enumeration set "HistoryType" in the table "EnumValue"
11	InvalidTimeStamp	datetime			Yes	Date/time of the last invalid transaction associated with the access profile
12	TerminalGuidInvalid	ReferenceGuid			Yes	Terminal Reference
13	Checksum	Signature			No	Contains the digital signature for the record.
14	EntryExitStatus	EnumValue			Yes	References the associate enumeration value for enumeration set "EntryExitStatus" in the table "EnumValue"

Index	Key Type	Order	Column Name
PK_EntitySiteStatusSave	Primary Key	1	Guid
UQ_EntitySiteStatusSave_MusterZoneGuidEntitySiteGuid	Unique Key	1	MusterZoneGuid
		2	EntitySiteGuid
IQ_EntitySiteStatusSave_TerminalGuidInvalid	Key	1	TerminalInvalidGuidInvalid
IQ_EntitySiteStatusSave_TerminalGuidValid	Key	1	TerminalValidGuidValid

Foreign Key	Source Column	Referenced Column
FK_EntitySiteStatusSave_Terminal_TerminalGuidValid	TerminalGuidValid	terminal(tp_guid)
FK_EntitySiteStatusSave_Terminal_TerminalGuidInvalid	TerminalGuidInvalid	terminal(tp_guid)
FK_EntitySiteStatusSave_MusterConfiguration_MusterZoneGuid	MusterZoneGuid	MusterDefinition(m_guid)
FK_EntitySiteStatusSave_EntitySite_EntitySiteGuid	EntitySiteGuid	EntitySite(Guid)

Database Name: P2000EntityConfig
Table Name: EntityUserDefinedField
Table Comments: Contains the values for user defined fields for all entities

Partitioned: 4 Sub-record
Enterprise: 1 All records
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserDefinedFieldGuid	ReferenceGuid			No	User Defined field Reference
3	EntityGuid	ReferenceGuid			No	Entity Reference
4	Boolean	Boolean			Yes	BOOL Value
5	Date	datetime			Yes	Date/Time Value
6	Number	int			Yes	Number Value
7	Text	varchar			Yes	Text Value
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EntityUserDefinedField	Primary Key	1	Guid
IQ_EntityUserDefinedField_EntityGuid	Key	1	EntityGuid
IQ_EntityUserDefinedField_UserDefinedFieldGuid	Key	1	UserDefinedFieldGuid

Foreign Key	Source Column	Referenced Column
FK_EntityUserDefinedField_UserDefinedField_UserDefinedFieldGuid	UserDefinedFieldGuid	UserDefinedField(Guid)
FK_EntityUserDefinedField_Entity_EntityGuid	EntityGuid	Entity(Guid)

Database Name:

P2000EntityConfig

Table Name:

EnumSet

Table Comments:

Tables to provide predefined lists which associate a value with a predefined meaning

Partitioned:

6 Internal System

Enterprise:

1 All records

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Id	int			No	Unique Enumeration Set ID
3	Name	nchar	40		No	Provides a unique name for this record
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EnumSet	Primary Key	1	Guid
UQ_EnumSet_ID	Unique Key	1	Id
UQ_EnumSet_Name	Unique Key	1	Name

Database Name:

P2000History

Table Name:

EnumSet

Table Comments:

Tables to provide predefined lists which associate a value with a predefined meaning

Partitioned:

6 Internal System

Enterprise:

1 All records

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Id	int			No	ID value of enumeration set
3	Name	nchar	40		No	Provides a unique name for this record
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EnumSet	Primary Key	1	Guid
UQ_EnumSet_ID	Unique Key	1	Id
UQ_EnumSet_Name	Unique Key	1	Name

Database Name:

P2000EntityConfig

Table Name:

EnumValue

Table Comments:

Tables to provide predefined lists which associate a value with a predefined meaning

Partitioned:

6 Internal System

Enterprise:

1 All records

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Value	int			No	Enumeration Value
4	EnumSetGuid	ReferenceGuid			Yes	Enum Set Reference
5	Name	nchar	100		No	Provides a unique name for this record
6	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EnumValue	Primary Key	1	Guid
IQ_EnumValue_EnumSetEnumValue	Unique Key	1	EnumSetGuid
		2	Value

Foreign Key	Source Column	Referenced Column
FK_EnumValue_EnumSet_EnumSetGuid	EnumSetGuid	EnumSet(Guid)

Database Name:

P2000History

Table Name:

EnumValue

Table Comments:

Tables to provide predefined lists which associate a value with a predefined meaning

Partitioned:

6 Internal System

Enterprise:

1 All records

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Value	int			No	Value of enumeration
4	EnumSetGuid	ReferenceGuid			Yes	Enum Set Reference
5	Name	nchar	100		No	Provides a unique name for this record
6	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_EnumValue	Primary Key	1	Guid
IQ_EnumValue_EnumSetEnumValue	Unique Key	1	EnumSetGuid
		2	Value

Foreign Key	Source Column	Referenced Column
FK_EnumValue_EnumSet_EnumSetGuid	EnumSetGuid	EnumSet(Guid)

Database Name: P2000EntityConfig

Table Name: EnumValueEnumValue

Table Comments: Allows the restriction of EnumValues based on another enumeration value.

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EnumValueGuidParent	ReferenceGuid			No	Enum Value Reference
3	EnumSetGuid	ReferenceGuid			No	Enumeration Set
4	EnumValueGuidChild	ReferenceGuid			Yes	Enum Value Reference
5	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_EnumValueEnumValue	Primary Key	1	Guid
IQ_EnumValueEnumValue_EnumSetGuid	Key	1	EnumSetGuid
IQ_EnumValueEnumValue_EnumValueGuidChild	Key	1	EnumValueChildGuidChild
IQ_EnumValueEnumValue_EnumValueGuidParent	Key	1	EnumValueParentGuidParent

Foreign Key	Source Column	Referenced Column
FK_EnumValueEnumValue_EnumValue_EnumValueGuidChild	EnumValueGuidChild	EnumValue(Guid)
FK_EnumValueEnumValue_EnumValue_EnumValueGuidParent	EnumValueGuidParent	EnumValue(Guid)
FK_EnumValueEnumValue_EnumSet_EnumSetGuid	EnumSetGuid	EnumSet(Guid)

Database Name: P2000History

Table Name: EnumValueEnumValue

Table Comments: Allows the restriction of EnumValues based on another enumeration value

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EnumValueGuidParent	ReferenceGuid			No	Enum Value Reference
3	EnumSetGuid	ReferenceGuid			No	Enumeration Set Referenced
4	EnumValueGuidChild	ReferenceGuid			Yes	Enum Value Reference
5	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_EnumValueEnumValue	Primary Key	1	Guid
IQ_EnumValueEnumValue_EnumSetGuid	Key	1	EnumSetGuid
IQ_EnumValueEnumValue_EnumValueGuidChild	Key	1	EnumValueChildGuidChild
IQ_EnumValueEnumValue_EnumValueGuidParent	Key	1	EnumValueParentGuidParent

Foreign Key	Source Column	Referenced Column
FK_EnumValueEnumValue_EnumValue_EnumValueGuidChild	EnumValueGuidChild	EnumValue(Guid)
FK_EnumValueEnumValue_EnumValue_EnumValueGuidParent	EnumValueGuidParent	EnumValue(Guid)
FK_EnumValueEnumValue_EnumSet_EnumSetGuid	EnumSetGuid	EnumSet(Guid)

Database Name: P2000EntityConfig

Table Name: esp_parameters

Table Comments: Enterprise site parameters used for specifying replication details

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	esp_guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	esp_ens_guid_subscriber	ReferenceGuid			No	GUID of subscribing enterprise site
3	esp_ens_guid_publisher	ReferenceGuid			No	GUID of enterprise site subscribed to
4	esp_enabled	Boolean			No	Defines whether this subscriber is subscribing to the site referenced by 'enterprise site subscribed to'
6	esp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_esp_parameters	Primary Key	1	esp_guid
IQ_esp_parameters_esp_ens_guid_subscribed	Key	1	esp_ens_guid_publisher
IQ_Esp_Parameters_Subscriber	Key	1	esp_ens_guid_subscriber

Foreign Key	Source Column	Referenced Column
FK_esp_parameters_ent_site_esp_ens_guid_subscriber	esp_ens_guid_subscriber	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: event
Table Comments: Table to store P2000 host events

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ev_partition	ReferenceInt			No	Partition Reference
2	ev_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ev_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ev_name	nchar	32		No	event name
5	ev_manual_activate	Boolean			Yes	Allow manual activation
6	ev_active_timezone	ReferenceInt			Yes	Timezone Reference
7	ev_logic	smallint			Yes	logic for triggers (0 = AND, 1 = OR)
8	ev_last_activate	datetime			Yes	last date/time event was activated
9	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
10	ev_guid	PrimaryKey			No	GUID for unique record identification
11	ev_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_event	Primary Key	1	ev_guid
UQ_Event_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ev_name
UQ_event_ev_id	Unique Key	1	ev_id
IQ_event_ev_active_timezone	Key	1	ev_active_timezone
IQ_event_ev_partition	Key	1	ev_partition

Foreign Key	Source Column	Referenced Column
FK_event_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_event_partition_ev_partition	ev_partition	partition(part_number)
FK_event_timezone_ev_active_timezone	ev_active_timezone	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: event_action

Table Comments: Table to store P2000 host event actions

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	eva_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	eva_event_id	ReferenceInt			Yes	Event Reference
3	eva_order	smallint			Yes	Order
4	eva_delay	int			Yes	seconds to delay before executing this action
5	eva_type	EnumValue			Yes	Event Action Type
6	eva_value1	int			Yes	value 1, usage depends upon eva_type (see eventactiondb.h)
7	eva_value2	int			Yes	value 2, usage depends upon eva_type (see eventactiondb.h)
8	eva_partition	ReferenceInt			Yes	Partition Reference
9	eva_text	nchar	255		Yes	value text, usage depends upon eva_type (see eventactiondb.h)
10	eva_value_float	float			Yes	value 3, usage depends upon eva_type (see eventactiondb.h)
11	eva_value_str	nchar	255		Yes	value 4, usage depends upon eva_type (see eventactiondb.h)
13	eva_guid	PrimaryKey			No	GUID for unique record identification
14	eva_checksum	Signature			No	Digital Signature
15	eva_value3	int			No	value 3, usage depends upon eva_type (see eventactiondb.h)
16	eva_value_guid	uniqueidentifier		4	No	Value Guid referencing other P2000 DB records. Reference depends on 'Event Action Type' 'eva_type'.

Index	Key Type	Order	Column Name
PK_event_action	Primary Key	1	eva_guid
UQ_event_action_eva_id	Unique Key	1	eva_id
IQ_event_action_eva_event_id	Key	1	eva_event_id
IQ_event_action_eva_partition	Key	1	eva_partition

Foreign Key	Source Column	Referenced Column
FK_event_action_partition_eva_partition	eva_partition	partition(part_number)
FK_event_action_event_eva_event_id	eva_event_id	event(ev_id)

Database Name: P2000EntityConfig
Table Name: event_trigger
Table Comments: Table to store P2000 host event triggers

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	evt_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	evt_event_id	int			Yes	Event Reference
3	evt_type	EnumValue			Yes	References enum set 'Event Trigger Type'
4	evt_condition_type	smallint			Yes	References enum set 'Event Condition Type'
5	evt_condition_logic	smallint			Yes	References enum set 'Event Condition Logic'
6	evt_condition_value	int			Yes	
7	evt_condition_badge	char	20		Yes	
8	evt_condition_date	datetime			Yes	
9	evt_partition	ReferenceInt			Yes	Partition Reference
10	evt_not_for_drill	Boolean			No	Muster Start/Stop - 1 = do not trigger for a drill, 0 always trigger
11	evt_condition_string	nchar	255		Yes	
13	evt_guid	PrimaryKey			No	GUID for unique record identification
14	evt_checksum	Signature			No	Digital Signature
15	evt_condition_object_guid	uniqueidentifier			Yes	References another object by its GUID

Index	Key Type	Order	Column Name
PK_event_trigger	Primary Key	1	evt_guid
UQ_event_trigger_evt_id	Unique Key	1	evt_id
IQ_event_trigger_evt_partition	Key	1	evt_partition

Foreign Key	Source Column	Referenced Column
FK_event_trigger_partition_evt_partition	evt_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: external_trigger

Table Comments: Temporary table for triggering events by string written into this table.

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	trigger_id	IDENTITY			No	Primary key for this record used as ROWGUIDCOL for database replication
2	trigger_text	nchar	1024		No	Trigger text

Index	Key Type	Order	Column Name
PK_external_trigger	Primary Key	1	trigger_id

Database Name: P2000EntityConfig

Table Name: ExternalIP

Table Comments: Defines known external sources (IP/Computer) and their authorization

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
2	eip_name	nchar	32		No	unique Pegasys name of the source
3	eip_ip_address	char	16		Yes	IP address of the source (valid only if bns_computer_name is empty)
4	eip_computer_name	nchar	32		Yes	DNS name of the source (valid only if bns_ip_address is empty)
5	eip_allow	Boolean			No	0 = Deny access, 1 = Allow access
6	eip_routed	Boolean			No	0 = not routed, 1 = Routed
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	eip_guid	PrimaryKey			No	GUID for unique record identification
9	eip_checksum	Signature			No	Digital Signature
10	eip_usage_mask	int			No	BitMask to define which consumers are allowed (see Enum Set 'External IP Usage Mask')

Index	Key Type	Order	Column Name
PK_ExternalIP	Primary Key	1	eip_guid
UQ_ExternalIP_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	eip_name

Foreign Key	Source Column	Referenced Column
FK_ExternalIP_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: fascn_ccc

Table Comments:

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	Name	nchar	32		No	
3	CardId_RID	binary			No	
4	CardId_Manufacturer	TinyInt			No	
5	CardId_CardType	TinyInt			No	
6	CardId_CardId	varchar			No	
7	ContainerVersion	TinyInt			No	
8	GrammerVersion	TinyInt			No	
9	CardUrl_RID	binary			No	
10	CardUrl_AppType	smallint			No	
11	CardUrl_ObjectId	smallint			No	
12	CardUrl_AppId	smallint			No	
13	CardUrl_PinId	TinyInt			No	
14	PKCS15Version	TinyInt			No	
15	DataModel	TinyInt			No	
16	CardApdus	binary			No	
17	EnterpriseSiteGuid	ReferenceGuid			No	
18	Checksum	Signature			No	

Index	Key Type	Order	Column Name
PK_fascn_ccc	Primary Key	1	Guid

Foreign Key	Source Column	Referenced Column
FK_fascn_ccc_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: flag_p900

Table Comments: Table defining P900 Panel flags

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	flp_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	flp_name	varchar			Yes	Name
3	flp_number	smallint			No	Flag number
4	flp_status	smallint			No	Flag status
5	flp_report_change	smallint			No	Report changes
6	flp_current_state	smallint			Yes	Current State
7	flp_default_state	smallint			Yes	Default state
8	flp_force_state	smallint			Yes	Force state
9	flp_update_time	datetime			Yes	Last changed
10	flp_query_string	nchar	64		Yes	Query string
11	flp_partition	ReferenceInt			No	Partition Reference
12	flp_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
13	flp_panel_id	int			No	Panel Reference
14	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
15	flp_guid	PrimaryKey			No	GUID for unique record identification
16	flp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_flag_p900	Primary Key	1	flp_guid
UQ_Flag_P900_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	flp_name
UQ_flag_p900_flp_id	Unique Key	1	flp_id
IQ_flag_p900_flp_partition	Key	1	flp_partition

Foreign Key	Source Column	Referenced Column
FK_flag_p900_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_flag_p900_partition_flp_partition	flp_partition	partition(part_number)

Database Name: P2000EntityConfig
Table Name: floorgrp
Table Comments: Table for defining elevator floor groups

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	fg_partition	ReferenceInt			No	Partition Reference
2	fg_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	fg_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	fg_name	nchar	32		No	Floor group name
5	fg_type	smallint			Yes	References enum set 'Elevator Type'
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	fg_guid	PrimaryKey			No	GUID for unique record identification
8	fg_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_floorgrp	Primary Key	1	fg_guid
UQ_FloorGrp_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	fg_type
		3	fg_name
UQ_floorgrp_fg_id	Unique Key	1	fg_id
IQ_floorgrp_fg_partition	Key	1	fg_partition

Foreign Key	Source Column	Referenced Column
FK_floorgrp_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_floorgrp_partition_fg_partition	fg_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: floorgrpdata

Table Comments: Table for linking elevator floor groups to elevator floor masks and the associated elevator

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	fgd_floorgrp_id	ReferenceInt			No	Floor Group Reference
2	fgd_floormask_id	ReferenceInt			No	Floor Mask Reference
3	fgd_elevator_id	ReferenceInt			No	Elevator Reference
5	fgd_guid	PrimaryKey			No	GUID for unique record identification
6	fgd_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_floorgrpdata	Primary Key	1	fgd_guid
IQ_floorgrpdata_fgd_elevator_id	Key	1	fgd_elevator_id
IQ_floorgrpdata_fgd_floorgrp_id	Key	1	fgd_floorgrp_id
IQ_floorgrpdata_fgd_floormask_id	Key	1	fgd_floormask_id

Foreign Key	Source Column	Referenced Column
FK_floorgrpdata_floorgrp_fgd_floorgrp_id	fgd_floorgrp_id	floorgrp(fg_id)
FK_floorgrpdata_elevator_fgd_elevator_id	fgd_elevator_id	elevator(el_elevator_id)
FK_floorgrpdata_floormask_fgd_floormask_id	fgd_floormask_id	floormask(fm_id)

Database Name: P2000EntityConfig
Table Name: floormask
Table Comments: Table for defining elevator floor masks

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	fm_partition	ReferenceInt			No	Partition Reference
2	fm_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	fm_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	fm_name	nchar	32		No	Floor mask name
5	fm_type	smallint			Yes	References enum set 'Elevator Type'
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
7	fm_guid	PrimaryKey			No	GUID for unique record identification
8	fm_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_floormask	Primary Key	1	fm_guid
UQ_FloorMask_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	fm_type
		3	fm_name
UQ_floormask_fm_id	Unique Key	1	fm_id
IQ_floormask_fm_partition	Key	1	fm_partition

Foreign Key	Source Column	Referenced Column
FK_floormask_partition_fm_partition	fm_partition	partition(part_number)
FK_floormask_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: floormaskdata

Table Comments: Table for linking elevator floor masks and floor names

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	fmd_mask_id	int			No	Floor Mask Reference
2	fmd_floor_num	smallint			No	Floor number
4	fmd_guid	PrimaryKey			No	GUID for unique record identification
5	fmd_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_floormaskdata	Primary Key	1	fmd_guid
UQ_FloorMaskData_FloorMaskFloorNumber	Unique Key	1	fmd_mask_id
		2	fmd_floor_num

Foreign Key	Source Column	Referenced Column
FK_FloorMaskData_FloorMask_fmd_mask_id	fmd_mask_id	floormask(fm_id)

Database Name: P2000EntityConfig

Table Name: floorname

Table Comments: Table for defining up to 128 elevator floor names

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	en_number	smallint			No	Number
2	en_type	smallint			No	References enum set 'Elevator Type'
3	en_name	nchar	32		Yes	Name
4	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
5	en_guid	PrimaryKey			No	GUID for unique record identification
6	en_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_floorname	Primary Key	1	en_guid
UQ_FloorName_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	en_type
		3	en_name
UQ_FloorName_EnterpriseNumber	Unique Key	1	EnterpriseSiteGuid
		2	en_type
		3	en_number

Foreign Key	Source Column	Referenced Column
FK_floorname_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: g3config

Table Comments: Table for storing G3Config information which cannot be edited by the P2000 user

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	xml	text			Yes	XML Document containing G3 data

Database Name: P2000EntityConfig

Table Name: GenericText

Table Comments: Table to store custom card format. This table is currently limited to maximum of 8 records.

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	gt_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	gt_type	smallint			No	unique type number
3	gt_number	int			No	unquie format number
4	gt_name	varchar			No	name
5	gt_description	varchar			Yes	description
6	gt_data	varchar			No	card format image
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	gt_guid	PrimaryKey			No	GUID for unique record identification
9	gt_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_GenericText	Primary Key	1	gt_guid
UQ_GenericText_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	gt_type
		3	gt_name
UQ_GenericText_gt_id	Unique Key	1	gt_id

Foreign Key	Source Column	Referenced Column
FK_GenericText_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: holiday

Table Comments: Table defining all holidays or other exception days where special access control rules apply

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ho_partition	ReferenceInt			No	Partition Reference
2	ho_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ho_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ho_name	nchar	32		No	Name
5	ho_date	datetime			Yes	Date
6	ho_type	smallint			Yes	Holiday Type (1,2,3)
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	ho_guid	PrimaryKey			No	GUID for unique record identification
9	ho_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_holiday	Primary Key	1	ho_guid
UQ_Holiday_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ho_name
UQ_holiday_ho_id	Unique Key	1	ho_id
IQ_holiday_ho_partition	Key	1	ho_partition

Foreign Key	Source Column	Referenced Column
FK_holiday_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_holiday_partition_ho_partition	ho_partition	partition(part_number)

Database Name: P2000EntityConfig**Table Name:** icon_image**Table Comments:** Table storing one state icon for an icon image set**Partitioned:** 2 Partitioned**Enterprise:** 2 Sub-set**FDA:** 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	image_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	image_set_id	int			Yes	Image Set Reference
3	image_state	smallint			Yes	Icon state this icon displays
4	image_data	image			Yes	Icon BLOB
6	image_guid	PrimaryKey			No	GUID for unique record identification
7	image_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_icon_image	Primary Key	1	image_guid
UQ_icon_image_image_id	Unique Key	1	image_id
UQ_icon_image_SetIDState	Unique Key	1	image_set_id
		2	image_state

Foreign Key	Source Column	Referenced Column
FK_icon_image_icon_image_set_set_id	image_set_id	icon_image_set(set_id)

Database Name: P2000EntityConfig

Table Name: icon_image_set

Table Comments: Table storing a list of icon image sets for the different icons used on a P2000 real time map

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	set_partition	ReferenceInt			No	Partition Reference
2	set_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	set_id	Identity			No	Icon Image Set
4	set_name	nchar	64		No	Name
5	set_type	smallint			Yes	References enum set 'Icon Image Set Type'
7	set_guid	PrimaryKey			No	GUID for unique record identification
8	set_checksum	Signature			No	Digital Signature
9	set_default_set	Boolean			No	Defines whether this image set is a default set (1) or not (0)

Index	Key Type	Order	Column Name
PK_icon_image_set	Primary Key	1	set_guid
UQ_icon_image_set_set_id	Unique Key	1	set_id
UQ_IconImageSet_Name	Unique Key	1	set_name
IQ_icon_image_set_set_partition	Key	1	set_partition

Foreign Key	Source Column	Referenced Column
FK_icon_image_set_partition_set_partition	set_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: icon_overlay

Table Comments: Table defining the icons to be displayed on the associated real time map

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	overlay_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	icon_x_pos	smallint			Yes	X position
3	icon_y_pos	smallint			Yes	Y position
5	ItemGuid	uniqueidentifier			Yes	Guid Reference to item represented by icon
6	icon_map_id	int			Yes	Map Reference
7	set_id	int			Yes	Icon Image Set Reference
8	set_type	smallint			Yes	References enum set 'Icon Image Set Type'
9	label	nchar	64		Yes	Icon Label
10	EventGuid	ReferenceGuid		4	Yes	Event Reference
11	event_label	nchar	32	4	Yes	Event Label
13	guid	PrimaryKey			No	GUID for unique record identification
14	checksum	int			No	Digital Signature
15	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise Site Guid for the item
16	LinkedMapGuid	ReferenceGuid			Yes	Reference to an associated map
17	ItemSubTypeGuid	uniqueidentifier			Yes	Item Sub Type of thereferenced item

Index	Key Type	Order	Column Name
PK_icon_overlay	Primary Key	1	guid
UQ_icon_overlay_overlay_id	Unique Key	1	overlay_id
IQ_IconOverlay_IconSet	Key	1	set_id
IQ_IconOverlay_Map	Key	1	icon_map_id

Foreign Key	Source Column	Referenced Column
FK_icon_overlay_icon_image_set_set_id	set_id	icon_image_set(set_id)
FK_icon_overlay_LinkedMapGuid_map	LinkedMapGuid	map(map_guid)
FK_icon_overlayEnterpriseSiteGuid_ent_site	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: Identifier

Table Comments: Table defining the list of identifiers within this enterprise

Partitioned: 2 Partitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	IdentifierTypeGuid	ReferenceGuid			Yes	References the associated record in the table "IdentifierType"
3	PartitionGuid	ReferenceGuid			Yes	References the associated record in the table "Partition"
4	IsPublic	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
5	EntityGuid	ReferenceGuid			No	References the associated record in the table "Entity"
7	FacilityCode	int			Yes	Facility Code
8	ValueText	nchar	32		Yes	Contains information identifying the actual badge
9	HMACSignature	int			Yes	Digital Signature contained on badge
10	IssueLevel	int			Yes	Issue Level of Badge
11	AlphaText	nchar	10		Yes	Text constant
21	PinCode	nchar	10		Yes	PinCode
23	Description	Description	80		Yes	
24	Reason	nchar	128		Yes	
25	Enabled	Boolean			Yes	
26	BadgeLayoutGuid	ReferenceGuid			Yes	References the associated record in the table "BadgeLayout"
27	AccessProfileHeaderGuid	ReferenceGuid			Yes	Access Profile which is identified by this identifier
28	Checksum	Signature			No	Contains the digital signature for the record.
29	IdentifierPurposeGuid	ReferenceGuid			Yes	References the purpose for issuing this identifier

Index	Key Type	Order	Column Name
PK_Identifier	Primary Key	1	Guid
IQ_Identifier_BadgeLayoutGuid	Key	1	BadgeLayoutGuid
IQ_Identifier_EntityGuid	Key	1	EntityGuid
IQ_Identifier_IdentifierPurposeGuid	Key	1	IdentifierPurposeGuid
IQ_Identifier_IdentifierTypeGuid	Key	1	IdentifierTypeGuid
IQ_Identifier_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_Identifier_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_Identifier_BadgeLayout_BadgeLayoutGuid	BadgeLayoutGuid	BadgeLayout(Guid)
FK_Identifier_RepositoryInstance_IdentifierPurposeGuid	IdentifierPurposeGuid	RepositoryInstance(Guid)
FK_Identifier_partition_PartitionGuid	PartitionGuid	partition(part_guid)
FK_Identifier_AccessProfileHeader_AccessProfileHeaderGuid	AccessProfileHeaderGuid	AccessProfileHeader(Guid)

Database Name: P2000EntityConfig

Table Name: IdentifierAccessProfileHeader

Table Comments: Provides a link to those identifiers that are used to verify the associated access profile.

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	AccessProfileHeaderGuid	ReferenceGuid			No	Access Profile Reference
3	IdentifierGuid	ReferenceGuid			No	Identifier Reference
4	Checksum	Signature			No	Contains the digital signature for the record.
5	IsEnabled	Boolean			No	Defines whether access profile is enabled as identifier or not

Index	Key Type	Order	Column Name
PK_IdentifierAccessProfileHeader	Primary Key	1	Guid
IQ_IdentifierAccessProfileHeader_IdentifierGuid	Key	1	IdentifierGuid
IQ_IdentifierAccessProfileHeader_AccessProfileGuid	Key	1	AccessProfileHeaderGuid

Foreign Key	Source Column	Referenced Column
FK_IdentifierAccessProfileHeader_Identifier_IdentifierGuid	IdentifierGuid	Identifier(Guid)
FK_IdentifierAccessProfileHeader_AccessProfileHeader_AccessProfileHeaderGuid	AccessProfileHeaderGuid	AccessProfileHeader(Guid)

Database Name:

P2000EntityConfig

Table Name:

IdentifierImage

Table Comments:

Table containing any binary/image information forthe associated identifier. This table will be used to store fingerprints, protraits and signatures

Partitioned:

4 Sub-record

Enterprise:

1 All records

FDA:

1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	IdentifierGuid	ReferenceGuid			No	References the associated record in the table "Identifier"
3	CreateDate	datetime			No	UTC date / time when the image was created
4	Instance	int			No	Instance Number of this image
5	Image	image			No	BLOB
6	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_IdentifierImage	Primary Key	1	Guid
IQ_IdentifierImage_IdentifierGuid	Key	1	IdentifierGuid

Foreign Key	Source Column	Referenced Column
FK_IdentifierImage_Identifier_IdentifierGuid	IdentifierGuid	Identifier(Guid)

Database Name:

P2000EntityConfig

Table Name:

IdentifierStatus

Table Comments:

Table providing information when the identifier was last used

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	IdentifierGuid	PrimaryKey			No	References Identifier Guid
2	LastUsed	DateTime			No	Date/Time when identifier was last used
3	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_IdentifierStatus	Primary Key	1	IdentifierGuid

Foreign Key	Source Column	Referenced Column
FK_IdentifierStatus_Identifier_IdentifierGuid	IdentifierGuid	Identifier(Guid)

Database Name: P2000EntityConfig

Table Name: IDSequences

Table Comments: Internal table used by CCTV Server

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	SeqName	nchar	10		Yes	
2	ID	int			Yes	
4	guid	PrimaryKey			No	
5	checksum	int			No	

Index	Key Type	Order	Column Name
PK_IDSequence	Primary Key	1	guid

Database Name: P2000EntityConfig
Table Name: igdata
Table Comments: Table linking input points to input groups

Partitioned: 4 Sub-record
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ig_group_id	ReferenceInt			No	Input Group Reference
2	ig_inputpt_id	ReferenceInt			No	Input Point Reference
4	ig_guid	PrimaryKey			No	GUID for unique record identification
5	ig_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_igdata	Primary Key	1	ig_guid
IQ_igdata_ig_group_id	Key	1	ig_group_id
IQ_igdata_ig_inputpt_id	Key	1	ig_inputpt_id

Foreign Key	Source Column	Referenced Column
FK_igdata_inputgrp_ig_group_id	ig_group_id	inputgrp(ip_group_id)
FK_igdata_input_ig_inputpt_id	ig_inputpt_id	input(ip_point_id)

Database Name: P2000EntityConfig

Table Name: imagerecallfilter

Table Comments:

Partitioned: 0 Unknown

Enterprise: 0 Unknown

FDA: 0 Unknown

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	partition	int			No	
2	public_flag	smallint			Yes	
3	id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	name	char	32		No	
5	access_grant	smallint			Yes	1 = display upon access grant
6	any_deny	smallint			Yes	1 = display upon access deny
7	invalid_card	smallint			Yes	1 = display upon invalid card
8	invalid_issue	smallint			Yes	1 = display upon invalid issue
9	invalid_pin	smallint			Yes	1 = display upon invalid pin
10	antipassback	smallint			Yes	1 = display upon antipassback
11	card_tz	smallint			Yes	1 = display upon invalid card timezone
12	invalid_reader	smallint			Yes	1 = display upon invalid reader
13	all_terminals	smallint			Yes	1 = display for any terminal
14	all_term_grps	smallint			Yes	1 = display for any terminal group
15	terminal	int			Yes	Reference to terminal table
16	term_group	int			Yes	Reference to temrinal group table
17	EnterpriseSiteGuid	Reference			No	Enterprise site reference
18	guid	PrimaryKey			No	
19	checksum	int			No	
20	access_rights_expired	smallint			No	
21	entity_expired	smallint			No	
22	invalid_accessgroup	smallint			No	
23	invalid_accesslevel	smallint			No	
24	invalid_accessmask	smallint			No	
25	invalid_pin_attempts_exceeded	smallint			No	
26	invalid_security_level	smallint			No	
27	invalid_security_mask	smallint			No	

Field	Column Name	Type	Length	Occurences	Nullable	Comment
28	unaccompanied_entity_rule	smallint			No	
29	access_duress	smallint			No	

Index	Key Type	Order	Column Name
PK_imagerecallfilter	Primary Key	1	guid
UQ_imagerecallfilter_EnterpriseSiteGuid_Name	Unique Key	1	EnterpriseSiteGuid
		2	name
IQ_imagerecallfilter_Partition_Name	Key	1	partition
		2	name
IQ_imagerecallfilter_Term_Grp	Key	1	term_group
IQ_imagerecallfilter_Terminal	Key	1	terminal

Foreign Key	Source Column	Referenced Column
FK_imagerecallfilter_Terminal	terminal	terminal(tp_term_id)
FK_imagerecallfilter_TerminalGroup	term_group	termgrp(tg_id)
FK_imagerecallfilter_ent_site_EnterpriseSiteGuid_ens_guid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_imagerecallfilter_Partition_partition_part_number	partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: input

Table Comments: Tanle defining a list of input points and their configuration and operation parameters

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ip_partition	ReferenceInt			No	Partition Reference
2	ip_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ip_point_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ip_point_name	varchar			No	Input Point Name
5	ip_point_number	smallint			Yes	Input Point Number
6	ip_soft_input	Boolean			Yes	1 = soft input, 0 = hardware input
7	ip_term_id	ReferenceInt			Yes	Terminal Reference
8	ip_panel_id	ReferenceInt			Yes	Panel Reference
10	ip_enable_flag	Boolean			Yes	input enable
12	ip_suppress_tz	ReferenceInt			Yes	Time Zone Reference
24	ip_state	smallint			Yes	Input Point State(s)
27	ip_query_string	nchar	64		Yes	Query String
38	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
39	ip_guid	PrimaryKey			No	GUID for unique record identification
40	ip_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_input	Primary Key	1	ip_guid
UQ_Input_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ip_point_name
UQ_input_ip_point_id	Unique Key	1	ip_point_id
UQ_input_panel_term_point_id	Unique Key	1	ip_panel_id
		2	ip_term_id
		3	ip_point_number
IQ_input_ip_panel_id	Key	1	ip_panel_id
IQ_input_ip_partition	Key	1	ip_partition
IQ_input_ip_suppress_tz	Key	1	ip_suppress_tz
IQ_input_ip_term_id	Key	1	ip_term_id

Foreign Key	Source Column	Referenced Column
FK_input_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_input_partition_ip_partition	ip_partition	partition(part_number)
FK_input_timezone_ip_suppress_tz	ip_suppress_tz	timezone(tz_id)
FK_input_terminal_ip_term_id	ip_term_id	terminal(tp_term_id)
FK_input_panel_ip_panel_id	ip_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: input_ck

Table Comments: Table defining configuration parameters for CK7xx/legacy input points

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ip_id	ReferenceInt			No	Input Point Reference
2	ip_delay_enable	Boolean			Yes	1 = alarm delay enabled
3	ip_relay_flag	Boolean			Yes	1 = set panel relay when active
4	ip_link_type	smallint			Yes	I/O link type (0-7)
5	ip_in_out_link_grp	ReferenceInt			Yes	Output Group Reference
6	ip_exit_delay	smallint			Yes	entry/exit delay in secs (0-600)
8	ip_guid	PrimaryKey			No	GUID for unique record identification
9	ip_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_input_ck	Primary Key	1	ip_guid
IQ_input_ck_ip_id	Key	1	ip_id
IQ_input_ck_ip_in_out_link_grp	Key	1	ip_in_out_link_grp

Foreign Key	Source Column	Referenced Column
FK_input_ck_input_ip_id	ip_id	input(ip_point_id)
FK_input_ck_outputgrp_ip_in_out_link_grp	ip_in_out_link_grp	outputgrp(op_group_id)

Database Name: P2000EntityConfig

Table Name: input_p900

Table Comments: Table defining configuration parameters for P900 input points

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ipp_id	ReferenceInt			No	Input Point Reference
2	ipp_report	smallint			No	report priority -0: none, 1: alarm, 2: transact
3	ipp_monitor_tamper	Boolean			No	monitering tamper or not
4	ipp_monitor_input	smallint			No	monitering input or not
5	ipp_shunt_reader	ReferenceInt			Yes	Terminal Reference - shunt monitoring reader id for this panel
6	ipp_shunt_event	Boolean			Yes	Shunt event
8	ipp_guid	PrimaryKey			No	GUID for unique record identification
9	ipp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_input_p900	Primary Key	1	ipp_guid
IQ_input_p900_ipp_id	Key	1	ipp_id
IQ_input_p900_ipp_shunt_reader	Key	1	ipp_shunt_reader

Foreign Key	Source Column	Referenced Column
FK_input_p900_terminal_ipp_shunt_reader	ipp_shunt_reader	terminal(tp_term_id)
FK_input_p900_input_ipp_id	ipp_id	input(ip_point_id)

Database Name: P2000EntityConfig

Table Name: input_status

Table Comments: Table for string the status of each input point

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ipstat_point_id	ReferenceInt			No	Input Point Reference
2	ipstat_status	smallint			No	current state for input (set by comms)
3	ipstat_timestamp	datetime			No	time of last current state (set by comms)
5	ipstat_guid	PrimaryKey			No	GUID for unique record identification
6	ipstat_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_input_status	Primary Key	1	ipstat_guid
IQ_input_status_ipstat_point_id	Key	1	ipstat_point_id

Foreign Key	Source Column	Referenced Column
FK_input_status_input_ipstat_point_id	ipstat_point_id	input(ip_point_id)

Database Name: P2000EntityConfig

Table Name: Input2CamInfo

Table Comments: Table linking P2000 input points to CCTV/AV equipment

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	i2c_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	i2c_input_point_id	ReferenceInt			Yes	Input Point Reference
3	i2c_input_point_guid	ReferenceGuid			Yes	Input Point Reference
4	i2c_Partition	ReferenceInt			No	Partition Reference
5	i2c_Public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
6	i2c_terminal_id	ReferenceInt			Yes	Terminal Reference
7	i2c_terminal_guid	ReferenceGuid			Yes	Terminal Reference
8	i2c_description	varchar			Yes	Description
9	i2c_channel_path_ds	varchar			Yes	
10	i2c_channel_id	ReferenceInt			Yes	AVChannel Reference
11	i2c_channel_guid	ReferenceGuid			Yes	AVChannel Reference
12	i2c_cctv_camera_id	ReferenceInt			Yes	CCTV Camera Reference
13	i2c_cctv_camera_guid	ReferenceGuid			Yes	CCTV Camera Reference
14	i2c_preset_id	ReferenceInt			Yes	CCTV Preset Reference
15	i2c_preset_guid	uniqueidentifier			Yes	CCTV Preset Reference
16	i2c_opc_server_name	varchar			Yes	
17	i2c_FFU1	varchar			Yes	
18	i2c_FFU2	varchar			Yes	
20	EnterpriseSiteGuid	ReferenceGuid			No	Guid to refernece the associated P2000 enterprise site
21	i2c_guid	PrimaryKey			No	GUID for unique record identification
22	i2c_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_Input2CamInfo	Primary Key	1	i2c_guid
UQ_Input2CamInfo_i2c_id	Unique Key	1	i2c_id
IQ_Input2CamInfo_i2c_cctv_camera_guid	Key	1	i2c_cctv_camera_guid
IQ_Input2CamInfo_i2c_cctv_camera_id	Key	1	i2c_cctv_camera_id
IQ_Input2CamInfo_i2c_channel_guid	Key	1	i2c_channel_guid
IQ_Input2CamInfo_i2c_channel_id	Key	1	i2c_channel_id
IQ_Input2CamInfo_i2c_input_point_guid	Key	1	i2c_input_point_guid
IQ_Input2CamInfo_i2c_input_point_id	Key	1	i2c_input_point_id
IQ_Input2CamInfo_i2c_Partition	Key	1	i2c_Partition
IQ_Input2CamInfo_i2c_preset_guid	Key	1	i2c_preset_guid
IQ_Input2CamInfo_i2c_preset_id	Key	1	i2c_preset_id
IQ_Input2CamInfo_i2c_terminal_guid	Key	1	i2c_terminal_guid
IQ_Input2CamInfo_i2c_terminal_id	Key	1	i2c_terminal_id

Foreign Key	Source Column	Referenced Column
FK_Input2CamInfo_terminal_i2c_terminal_id	i2c_terminal_id	terminal(tp_term_id)
FK_Input2CamInfo_CCTVCamera_i2c_cctv_camera_id	i2c_cctv_camera_id	CCTVCamera(CCA_ID)
FK_Input2CamInfo_input_i2c_input_point_guid	i2c_input_point_guid	input(ip_guid)
FK_Input2CamInfo_AVChannel_i2c_channel_id	i2c_channel_id	AVChannel(CCH_ID)
FK_Input2CamInfo_terminal_i2c_terminal_guid	i2c_terminal_guid	terminal(tp_guid)
FK_Input2CamInfo_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_Input2CamInfo_partition_i2c_Partition	i2c_Partition	partition(part_number)
FK_Input2CamInfo_CCTVCamera_i2c_cctv_camera_guid	i2c_cctv_camera_guid	CCTVCamera(CCA_guid)
FK_Input2CamInfo_AVChannel_i2c_channel_guid	i2c_channel_guid	AVChannel(CCH_guid)
FK_Input2CamInfo_input_i2c_input_point_id	i2c_input_point_id	input(ip_point_id)

Database Name: P2000EntityConfig

Table Name: inputgrp

Table Comments: Table defining the list of input groups

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ip_group_partition	ReferenceInt			No	Partition Reference
2	ip_group_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	ip_group_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	ip_group_name	nchar	32		No	Name
5	ip_group_panel_id	int			Yes	Panel Reference
6	ip_group_index	smallint			Yes	panel index of group (1-598)
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	ip_group_guid	PrimaryKey			No	GUID for unique record identification
9	ip_group_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_inputgrp	Primary Key	1	ip_group_guid
UQ_InputGrp_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ip_group_name
UQ_inputgrp_ip_group_id	Unique Key	1	ip_group_id
IQ_inputgrp_ip_group_partition	Key	1	ip_group_partition

Foreign Key	Source Column	Referenced Column
FK_inputgrp_partition_ip_group_partition	ip_group_partition	partition(part_number)
FK_inputgrp_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: intercom_exchange

Table Comments: Table for defining intercom equipment and associate the equipment with P2000 workstations

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	inte_partition	ReferenceInt			No	Partition Reference
2	inte_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	inte_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	inte_name	nchar	32		No	Name
5	inte_port	smallint			No	Communication Port
6	inte_baud_rate	int			No	Baudrate
7	inte_data_bits	smallint			No	Data bits
8	inte_parity	smallint			No	Parity
9	inte_stop_bits	smallint			No	Stop bits
11	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
12	inte_guid	PrimaryKey			No	GUID for unique record identification
13	inte_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_intercom_exchange	Primary Key	1	inte_guid
UQ_intercom_exchange_inte_id	Unique Key	1	inte_id
UQ_IntercomExchange_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	inte_name
IQ_intercom_exchange_inte_partition	Key	1	inte_partition

Foreign Key	Source Column	Referenced Column
FK_intercom_exchange_partition_inte_partition	inte_partition	partition(part_number)
FK_intercom_exchange_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: intercom_station

Table Comments: Table for defining intercom equipment and associate the equipment with P2000 workstations

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ic_stn_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	ic_stn_address	int			Yes	Station Address
3	ic_stn_name	nchar	32		No	Station Name
4	ic_stn_priority	smallint			No	Priority
5	ic_stn_type	smallint			No	Station Type
6	ic_stn_exchange_id	int			Yes	Intercom Exchange Reference
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	ic_stn_guid	PrimaryKey			No	GUID for unique record identification
9	ic_stn_checksum	Signature			No	Digital Signature
10	ic_stn_workstation_id	int			Yes	Workstation Reference

Index	Key Type	Order	Column Name
PK_intercom_station	Primary Key	1	ic_stn_guid
UQ_intercom_station_ic_stn_id	Unique Key	1	ic_stn_id
UQ_IntercomStation_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	ic_stn_name

Foreign Key	Source Column	Referenced Column
FK_intercom_station_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: intercom_station_status

Table Comments: Table for storing the status for each intercom station

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	icstat_id	int			No	Intercom Station Reference
2	icstat_status	smallint			Yes	Intercom status
3	icstat_timestamp	datetime			Yes	Date/Time when intercom status was last updated
5	icstat_guid	PrimaryKey			No	GUID for unique record identification
6	icstat_checksum	Signature			No	Digital Signature
7	icstat_connect_stn_id	int			Yes	Identifies currently connected station

Index	Key Type	Order	Column Name
PK_intercom_station_status	Primary Key	1	icstat_guid
UQ_IntercomStationStatus_StationID	Unique Key	1	icstat_id

Foreign Key	Source Column	Referenced Column
FK_intercom_station_status_intercom_station_icstat_id	icstat_id	intercom_station(ic_stn_id)

Database Name: P2000EntityConfig

Table Name: journal

Table Comments: Table to store general notes for associated P2000 objects

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	journal_guid	PrimaryKey			No	GUID for unique record identification
2	journal_owner_guid	uniqueidentifier			No	GUID for unique record identification
3	journal_title	nvarchar	32		No	title of journal entry
4	journal_create_time	datetime			No	Date/Time (UTC) when this journal entry was created
5	journal_edit_time	datetime			Yes	Date/Time (UTC) when this journal entry was last edited
6	journal_entry	nvarchar	-0.5		Yes	Text of the journal entry
7	journal_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_journal	Primary Key	1	journal_guid
IQ_Journal_OwnerGuid	Key	1	journal_owner_guid

Database Name:

P2000EntityConfig

Table Name:

localsite

Table Comments:

This table contains one record, which identifies the name and guid of the local site

Partitioned:

6 Internal System

Enterprise:

3 None

FDA:

7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
2	ls_guid	PrimaryKey			No	GUID for unique record identification
3	ls_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_localsite	Primary Key	1	ls_guid

Database Name: P2000EntityConfig

Table Name: loopconfig

Table Comments: Table defining serial panel communication loops

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	lc_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	lc_loop_number	smallint			No	Loop Number
3	lc_baud_rate	int			Yes	Baudrate
4	lc_com_port	smallint			No	Communication Port
5	lc_enable	Boolean			No	1 = loop is enabled
22	lc_type	smallint			No	References enum set 'Loop Type'
23	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
24	lc_guid	PrimaryKey			No	GUID for unique record identification
25	lc_checksum	Signature			No	Digital Signature
26	lc_monitor_tamper	Boolean			No	Montior the loop tamper alarm on this loop

Index	Key Type	Order	Column Name
PK_loopconfig	Primary Key	1	lc_guid
UQ_loopconfig_lc_id	Unique Key	1	lc_id
IQ_loopconfig_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_loopconfig_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: map
Table Comments: Table defining real time maps

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	map_partition	ReferenceInt			No	Partition Reference
2	map_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	map_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	map_name	nchar	32		No	Name
5	map_type	smallint			Yes	1 = top level map
7	map_guid	PrimaryKey			No	GUID for unique record identification
8	map_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_map	Primary Key	1	map_guid
UQ_map_map_id	Unique Key	1	map_id
UQ_Map_Name	Unique Key	1	map_name
IQ_map_map_partition	Key	1	map_partition

Foreign Key	Source Column	Referenced Column
FK_map_partition_map_partition	map_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: mapimage

Table Comments: Image of the real time map

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	map_id	ReferenceInt			No	Map Reference
2	map_data	image			Yes	BLOB
4	map_guid	PrimaryKey			No	GUID for unique record identification
5	map_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_mapimage	Primary Key	1	map_guid
IQ_mapimage_map_id	Key	1	map_id

Foreign Key	Source Column	Referenced Column
FK_mapimage_map_map_id	map_id	map(map_id)

Database Name: P2000EntityConfig
Table Name: messagefilter
Table Comments: Table defining P2000 Message Filters

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	mf_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	mf_name	nchar	32		No	Name
3	mf_partition	ReferenceInt			Yes	Partition Reference
4	mf_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
5	mf_fil_priority	varchar			Yes	Filter list for priority
6	mf_fil_sitename	varchar			Yes	Filter list for site name
7	mf_fil_partition	varchar			Yes	Filter list for partition
8	mf_fil_qstring	varchar			Yes	Filter list for query string
9	mf_fil_operator	varchar			Yes	Filter list for User
10	mf_fil_msgtype	varchar			Yes	Filter list for message type
11	mf_fil_itemname	varchar			Yes	Filter list for item name
12	mf_fil_priority_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
13	mf_fil_sitename_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
14	mf_fil_partition_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
15	mf_fil_qstring_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
16	mf_fil_operator_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
17	mf_fil_msgtype_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
18	mf_fil_itemname_type	smallint			No	1=this criteria is include, 0=this criteria is exclude
19	mf_fil_priority_empty	smallint			No	1=messages without priority pass filter criteria
20	mf_fil_partition_empty	smallint			No	1=messages without priority pass filter criteria
21	mf_fil_qstring_empty	smallint			No	1=messages without priority pass filter criteria
22	mf_fil_itemname_empty	smallint			No	1=messages without priority pass filter criteria
23	mf_fil_operator_empty	smallint			No	1=messages without priority pass filter criteria
24	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
25	mf_guid	PrimaryKey			No	GUID for unique record identification
26	mf_checksum	Signature			No	Digital Signature
27	mf_fil_alarmcategory	ntext			Yes	Filter list for Alarm Categories

Field	Column Name	Type	Length	Occurences	Nullable	Comment
28	mf_fil_alarmcategory_type	smallint			No	1=this criteria is include, 0 = this criteria is exclude
29	mf_fil_alarmcategory_empty	Boolean			No	1 = messages without alarm category pass filter criteria
30	mf_fil_alarmescalation	ntext			Yes	Filter list for alarm escalation
31	mf_fil_alarmescalation_type	smallint			No	1 = criteria is include, 0 = this criteria is exclude
32	mf_fil_alarmescalation_empty	Boolean			No	1 = messages without alarm escalation pass filter criteria

Index	Key Type	Order	Column Name
PK_messagefilter	Primary Key	1	mf_guid
UQ_MessageFilter_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	mf_name
UQ_messagefilter_mf_id	Unique Key	1	mf_id
IQ_messagefilter_mf_partition	Key	1	mf_partition

Foreign Key	Source Column	Referenced Column
FK_messagefilter_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_messagefilter_partition_mf_partition	mf_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: mfg_item

Table Comments: Table linking Message Filters to P2000 Message Filter Groups (N:N)

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	mfgi_mfg_id	ReferenceInt			No	Message Filter Group Reference
2	mfgi_mf_id	ReferenceInt			No	Message Filter Reference
4	mfgi_guid	PrimaryKey			No	GUID for unique record identification
5	mfgi_auto_added	Bool			No	Determines whether the row was auto-added by an event
6	mfgi_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_mfg_item	Primary Key	1	mfgi_guid
IQ_mfg_item_mfgi_mf_id	Key	1	mfgi_mf_id
IQ_mfg_item_mfgi_mfg_id	Key	1	mfgi_mfg_id

Foreign Key	Source Column	Referenced Column
FK_mfg_item_messagefilter_mfgi_mf_id	mfgi_mf_id	messagefilter(mf_id)
FK_mfg_item_msgfiltergroup_mfgi_mfg_id	mfgi_mfg_id	msgfiltergroup(mfg_id)

Database Name: P2000EntityConfig
Table Name: MSEAGraphic
Table Comments: Defines the MSEA Graphic references

Partitioned: 1 Unpartitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	mg_guid	PrimaryKey			No	Record Guid
2	mg_name	nchar	32		No	MSEA Graphic Name
3	mg_fqn	nvarchar	512		No	Fully qualified graphics name
4	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise Site Reference
5	mg_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MSEAGraphic	Primary Key	1	mg_guid
UQ_MSEAGraphic_EnterpriseSiteGuidName	Unique Key	1	EnterpriseSiteGuid
		2	mg_name

Foreign Key	Source Column	Referenced Column
FK_MSEAGraphic_Ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name:

P2000EntityConfig

Table Name:

MSEALtemCategory

Table Comments:

Maps the MSEA fully qualified reference name to a MSEA item category

Partitioned:

6 Internal System

Enterprise:

3 None

FDA:

7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	itemReference	nvarchar	1024		No	MSEA fully qualified reference name
2	itemValue	nvarchar	50		No	MSEA Item Value (e.g. Category associated with fully qualified reference name)
3	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise Site to which this record applies
4	Guid	PrimaryKey			No	Record Guid

Index	Key Type	Order	Column Name
PK_MSEALtemCategory	Primary Key	1	Guid
IQ_MSEALtemCategory_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_MSEALtemCategory_Ent_Site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: MSEAP2kADXMap

Table Comments: Defines which ADX system a P2000 site connects to - and which IP address on the P2000 server should be used for this connection

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	am_SiteDirectorName	nvarchar	50		No	Name of ADX Site Director
2	am_SiteDirectorIP	nvarchar	50		No	IP Address of the ADX Site Director
3	am_DeviceID	nvarchar	50		No	Registration Device ID
4	am_ADSRepository	nvarchar	50		No	ADS Repository Name
5	am_HostIP	nvarchar	50		No	P2000's IP Address to communicate with the specified ADX
6	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise Site to which this record belongs
7	am_Guid	PrimaryKey			No	Record Guid
8	am_checksum	Signature			No	FDA Digital Record Signature

Index	Key Type	Order	Column Name
PK_MSEAP2kADXMap	Primary Key	1	am_Guid
UQ_MSEAP2kADXMap_EnterpriseSiteGuid_am_SiteDirectorName	Unique Key	1	EnterpriseSiteGuid
		2	am_SiteDirectorName

Foreign Key	Source Column	Referenced Column
FK_MSEAP2kADXMap_Ent_Site_EnterpriseGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: MSEASitePartitionMap

Table Comments: Defines which partitions are to be forwarded to the specified ADX system

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	pm_guid	PrimaryKey			No	Record Guid
2	pm_am_guid	ReferenceGuid			No	References MSEAP2kADXMap record to which this partition rule applies
3	pm_partition	int			No	References associated 'Partion'
4	pm_checksum	Signature			No	FDA Digital record signature

Index	Key Type	Order	Column Name
PK_MSEASitePartitionMap	Primary Key	1	pm_guid
IQ_MSEASitePartitionMap_pm_am_guid	Key	1	pm_am_guid
IQ_MSEASitePartitionMap_pm_partition	Key	1	pm_partition

Foreign Key	Source Column	Referenced Column
FK_MSEASitePartitionMap_Partition_Part_Number	pm_partition	partition(part_number)
FK_MSEASitePartitionMap_MSEAP2kADXMap_pm_am_Guid	pm_am_guid	MSEAP2kADXMap(am_Guid)

Database Name: P2000EntityConfig
Table Name: msgfiltergroup
Table Comments: Table defining P2000 Message Filter Groups

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	mfg_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	mfg_name	nchar	32		No	Name
3	mfg_partition	ReferenceInt			Yes	Partition Reference
4	mfg_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
5	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
6	mfg_guid	PrimaryKey			No	GUID for unique record identification
7	mfg_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_msgfiltergroup	Primary Key	1	mfg_guid
UQ_MsgFilterGroup_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	mfg_name
UQ_msgfiltergroup_mfg_id	Unique Key	1	mfg_id
IQ_msgfiltergroup_mfg_partition	Key	1	mfg_partition

Foreign Key	Source Column	Referenced Column
FK_msgfiltergroup_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_msgfiltergroup_partition_mfg_partition	mfg_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: MusterDefinition

Table Comments: Table defining all Muster Zones within the system

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	m_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	m_name	nchar	32		No	Muster Name
3	m_partition	ReferenceInt			No	Partition Reference
4	m_enabled	Boolean			No	1 = enabled
5	m_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
6	m_state	smallint			No	Reference enum set 'Muster State'
7	m_auto_control	ReferenceInt			Yes	Workstation Reference for automatic launch of Muster Control application
8	m_no_auto_report	Boolean			No	1 = suppress auto printing
9	m_report_interval	smallint			No	Printing interval in minutes for running muster
10	m_report_format	smallint			No	0 = one line format, 1 = multi line
11	m_startup_rule	smallint			No	0 - n-1, indicating the startup rule to use in determining the initial list of personnel in the zone at muster start (n is number of rules)
12	m_startup_time	smallint			No	Time interval associated with some of the rules,
13	m_startup_time_units	smallint			No	Units for m_startup_time, 0 = minutes, 1 = hours, 2 = days
14	m_number_of_shifts	smallint			No	If shift rules determine the startup condition, contains number of shifts, 1, 2, 3, otherwise is zero
15	m_shift_1	ReferenceInt			Yes	Time zone reference for shift
16	m_shift_2	ReferenceInt			Yes	Time zone reference for shift
17	m_shift_3	ReferenceInt			Yes	Time zone reference for shift
18	m_no_in_x_it	Boolean			No	Do not use entry/exit status for initial condition even if entry/exit control is possible
19	m_allow_expansion	Boolean			No	0 = do not allow expansion of running muster
20	m_use_only_valid_badging_on_startup	Boolean			No	0 = use latest badging to determine who is in zone whether valid or invalid, 1 = use valid badging only
21	m_muster_any_reader	smallint			No	0 = only designated muster readers, 1 = allow any non defining reader for muster
22	m_track_movement	smallint			No	0 = no movement tracking, 1 = allow movement tracking
23	m_popup_on_start_alarm	smallint			No	0 = do not pop up, 1 = pop up on alarm, 2 = pop up on secure, 3 = pop up on both
24	m_popup_on_status_alarm	smallint			No	0 = do not pop up, 1 = pop up on alarm, 2 = pop up on secure, 3 = pop up on both

Field	Column Name	Type	Length	Occurences	Nullable	Comment
25	m_start_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
26	m_start_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
27	m_status_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
28	m_status_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
29	m_muster_start_time	datetime			No	Time at which the last muster started
30	m_muster_stop_time	datetime			No	Time at which the last muster stopped
31	m_enable_demuster	smallint			No	1 = demuster function enabled for zone, 0 = not enabled
32	m_auto_print_enable	smallint			No	1 if auto print is enabled, is only valid while a muster is running, can't be interpreted if not running
33	m_hardware_status	smallint			No	Hardware status 1 = OK, 0 = degraded, <0 = inoperable
34	m_hardware_status_alarm_time	datetime			No	Time of last hardware status alarm going set, if any
35	m_popup_on_abort_alarm	smallint			No	Like above but for an abort alarm
36	m_popup_on_disabled_alarm	smallint			No	Like above but for an alarm if a muster is triggered for a disabled zone
37	m_abort_alarm_text_set_id	int			Yes	Alarm Instruction Text Reference
38	m_abort_alarm_text_sec_id	int			Yes	Alarm Instruction Text Reference
39	m_disabled_alarm_text_set_id	int			Yes	Alarm Instruction Text Reference
40	m_post_proc	smallint			No	Reference enum set 'Muster Process Status'
41	EnterpriseSiteGuid	ReferenceGuid			No	References applicable enterprise site
42	m_guid	PrimaryKey			No	GUID for unique record identification
43	m_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MusterDefinition	Primary Key	1	m_guid
UQ_MusterDefinition_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	m_name
UQ_MusterDefinition_m_id	Unique Key	1	m_id
IQ_MusterDefinition_m_auto_control	Key	1	m_auto_control
IQ_MusterDefinition_m_partition	Key	1	m_partition
IQ_MusterDefinition_m_shift_1	Key	1	m_shift_1
IQ_MusterDefinition_m_shift_2	Key	1	m_shift_2
IQ_MusterDefinition_m_shift_3	Key	1	m_shift_3
IQ_MusterDefinition_m_start_alarm_text_sec_id	Key	1	m_start_alarm_text_sec_id
IQ_MusterDefinition_m_start_alarm_text_set_id	Key	1	m_start_alarm_text_set_id
IQ_MusterDefinition_m_status_alarm_text_sec_id	Key	1	m_status_alarm_text_sec_id
IQ_MusterDefinition_m_status_alarm_text_set_id	Key	1	m_status_alarm_text_set_id

Foreign Key	Source Column	Referenced Column
FK_MusterDefinition_alrmnst_m_start_alarm_text_sec_id	m_start_alarm_text_sec_id	alrmnst(ai_id)
FK_MusterDefinition_timezone_m_shift_1	m_shift_1	timezone(tz_id)
FK_MusterDefinition_alrmnst_m_start_alarm_text_set_id	m_start_alarm_text_set_id	alrmnst(ai_id)
FK_MusterDefinition_alrmnst_m_status_alarm_text_sec_id	m_status_alarm_text_sec_id	alrmnst(ai_id)
FK_MusterDefinition_timezone_m_shift_2	m_shift_2	timezone(tz_id)
FK_MusterDefinition_alrmnst_m_status_alarm_text_set_id	m_status_alarm_text_set_id	alrmnst(ai_id)
FK_MusterDefinition_timezone_m_shift_3	m_shift_3	timezone(tz_id)
FK_MusterDefinition_station_m_auto_control	m_auto_control	station(stn_id)
FK_MusterDefinition_partition_m_partition	m_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: MusterPrinters

Table Comments: Table defining the printers for the different P2000 muster zones

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	mp_name	nchar	255		No	Printer Name
2	mp_zone	ReferenceInt			No	Muster Zone Reference
4	mp_guid	PrimaryKey			No	GUID for unique record identification
5	mp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MusterPrinters	Primary Key	1	mp_guid
UQ_MusterPrinter_ZonePrinter	Unique Key	1	mp_zone
		2	mp_name
IQ_MusterPrinters_mp_zone	Key	1	mp_zone

Foreign Key	Source Column	Referenced Column
FK_MusterPrinters_MusterDefinition_mp_zone	mp_zone	MusterDefinition(m_id)

Database Name: P2000EntityConfig

Table Name: MusterReaders

Table Comments: Table defining the lin to the terminals (ACO) for the different muster zones

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	mr_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	mr_zone	ReferenceInt			No	Muster Zone Reference
3	mr_reader	ReferenceInt			Yes	ACO Terminal Reference
4	mr_reader_group	ReferenceInt			Yes	ACO Terminal Group Reference
5	mr_type	int			No	References enum set 'Muster Reader Type'
6	mr_expansion_reader	Boolean			No	0 = permanent reader, 1 = temporary expansion reader
8	mr_guid	PrimaryKey			No	GUID for unique record identification
9	mr_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MusterReaders	Primary Key	1	mr_guid
UQ_MusterReaders_mr_id	Unique Key	1	mr_id
IQ_MusterReaders_mr_reader	Key	1	mr_reader
IQ_MusterReaders_mr_reader_group	Key	1	mr_reader_group
IQ_MusterReaders_mr_zone	Key	1	mr_zone

Foreign Key	Source Column	Referenced Column
FK_MusterReaders_terminal_mr_reader	mr_reader	terminal(tp_term_id)
FK_MusterReaders_termgrp_mr_reader_group	mr_reader_group	termgrp(tg_id)
FK_MusterReaders_MusterDefinition_mr_zone	mr_zone	MusterDefinition(m_id)

Database Name: P2000History

Table Name: MusterReportControl

Table Comments: Tables containing the historic information for a particular muster.

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	mrc_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	mrc_zone_name	nchar	32		No	Muster Zone Name
3	mrc_zone_partition	nchar	32		No	Partition Name
4	mrc_start_time	datetime			No	Start time of muster
5	mrc_stop_time	datetime			No	Stop time of muster
6	mrc_drill	Boolean			No	0 = real muster, 1 = drill only
7	mrc_started_by	Boolean			No	0 = started by event (all types)
8	mrc_start_id	char	64		Yes	User or event name depending on mrc_started_by
9	site_name	nchar	32		No	Enterprise site reference
10	mrc_guid	PrimaryKey			No	GUID for unique record identification
11	mrc_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MusterReportControl	Primary Key	1	mrc_guid
UQ_MusterReportControl_mrc_id	Unique Key	1	mrc_id
IQ_MusterReportControl_mrc_stop_time	Key	1	mrc_stop_time

Database Name: P2000History

Table Name: MusterReportData

Table Comments: Tables containing the historic information for a particular muster.

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	mrd_muster_id	ReferenceInt			No	Muster Report Reference
2	mrd_reference	int			No	
3	mrd_type	smallint			No	References enum set 'Muster Group Type'
4	mrd_name	nchar	128		No	Entity Name
6	mrd_last_location	char	32		No	Last Location
7	mrd_organization	nchar	32	4	Yes	Company, Division, Department, Team
9	mrd_time	datetime			No	Time entity entered this group
10	mrd_priority	smallint			No	Priority
12	mrd_guid	PrimaryKey			No	GUID for unique record identification
13	mrd_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_MusterReportData	Primary Key	1	mrd_guid
IQ_MusterReportData_mrd_muster_id	Key	1	mrd_muster_id

Foreign Key	Source Column	Referenced Column
FK_MusterReportData_MusterReportControl_mrd_muster_id	mrd_muster_id	MusterReportControl(mrc_id)

Database Name: P2000EntityConfig

Table Name: ogdata

Table Comments: Table defining which output points belong to a particular output group

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	og_group_id	ReferenceInt			No	Ouput Group Reference
2	og_outputpt_id	ReferenceInt			No	Output Point Reference
4	og_guid	PrimaryKey			No	GUID for unique record identification
5	og_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_ogdata	Primary Key	1	og_guid
IQ_ogdata_og_group_id	Key	1	og_group_id
IQ_ogdata_og_outputpt_id	Key	1	og_outputpt_id

Foreign Key	Source Column	Referenced Column
FK_ogdata_output_og_outputpt_id	og_outputpt_id	output(op_output_id)
FK_ogdata_outputgrp_og_group_id	og_group_id	outputgrp(op_group_id)

Database Name: P2000EntityConfig

Table Name: Organization

Table Comments: Contains up to 4 lists to identify organizayional units within the P2000 enterprise

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
3	PartitionGuid	ReferenceGuid			No	Partition Reference
4	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
4	Name	ObjectName	32		No	Provides a unique name for this record
5	Description	Description	80		Yes	Description
6	OrganizationType	EnumValue			No	References the associate enumeration value for enumeration set "OrganizationType" in the table "EnumValue"
7	OrganizationGuid	ReferenceGuid			Yes	Organization Reference
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_Organization	Primary Key	1	Guid
UQ_Organization_TypeName	Unique Key	1	OrganizationType
		2	Name
IQ_Organization_OrganizationGuid	Key	1	OrganizationGuid
IQ_Organization_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_Organization_Organization_OrganizationGuid	OrganizationGuid	Organization(Guid)
FK_Organization_Partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig
Table Name: output
Table Comments: Table defining the list of P2000 output points
Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	op_partition	ReferenceInt			No	Partition Reference
2	op_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	op_output_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	op_point_name	varchar			No	Name
5	op_point_number	smallint			No	Output Point Number
6	op_term_id	ReferenceInt			Yes	Terminal Reference
7	op_active_state	smallint			No	active state (0-4)
8	op_duration	smallint			No	duration in secs (only for timed active state)
9	op_query_string	nchar	64		Yes	Query String
10	op_enable	Boolean			No	1 = enabled
11	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
12	op_guid	PrimaryKey			No	GUID for unique record identification
13	op_checksum	Signature			No	Digital Signature
14	op_panel_id	ReferenceInt			Yes	References the panel this ouput point belongs to

Index	Key Type	Order	Column Name
PK_output	Primary Key	1	op_guid
UQ_Output_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	op_point_name
UQ_output_op_output_id	Unique Key	1	op_output_id
UQ_output_panel_id_term_id_op_point	Unique Key	1	op_panel_id
		2	op_term_id
		3	op_point_number
IQ_output_op_partition	Key	1	op_partition
IQ_output_op_term_id	Key	1	op_term_id

Foreign Key	Source Column	Referenced Column
FK_output_terminal_op_term_id	op_term_id	terminal(tp_term_id)
FK_output_panel_panel_id	op_panel_id	panel(p_panel_id)
FK_output_partition_op_partition	op_partition	partition(part_number)
FK_output_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: output_p900

Table Comments: Table defining P900 specific configuration parameters for output points

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	opp_id	ReferenceInt			No	Output Point Reference
2	opp_tz	ReferenceInt			Yes	Timezone reference, when output point is active
3	opp_action_term	int			Yes	Terminal Reference
4	opp_action	smallint			Yes	output action
5	opp_report	smallint			Yes	report priority -0: none, 1: alarm, 2: transact.
6	opp_pp_value	smallint			Yes	to determine both how the output is activated, and the type of access which causes it to be activated
8	opp_guid	PrimaryKey			No	GUID for unique record identification
9	opp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_output_p900	Primary Key	1	opp_guid
IQ_output_p900_opp_id	Key	1	opp_id
IQ_output_p900_opp_tz	Key	1	opp_tz

Foreign Key	Source Column	Referenced Column
FK_output_p900_output_opp_id	opp_id	output(op_output_id)
FK_output_p900_timezone_opp_tz	opp_tz	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: output_status

Table Comments: Table storing the current status of an output point

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	opstat_output_id	ReferenceInt			No	Output Point Reference
2	opstat_status	smallint			No	Last output status
3	opstat_timestamp	datetime			No	Date/Time when output status was set
5	opstat_guid	PrimaryKey			No	GUID for unique record identification
6	opstat_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_output_status	Primary Key	1	opstat_guid
IQ_output_status_opstat_output_id	Key	1	opstat_output_id

Foreign Key	Source Column	Referenced Column
FK_output_status_output_opstat_output_id	opstat_output_id	output(op_output_id)

Database Name: P2000EntityConfig

Table Name: outputgrp

Table Comments: Table defining the list of P2000 output groups

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	op_group_partition	ReferenceInt			No	Partition Reference
2	op_group_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	op_group_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	op_group_name	nchar	32		No	Name
5	op_group_panel_id	ReferenceInt			Yes	Panel Reference
6	op_group_index	smallint			Yes	group panel index (1-598)
7	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
8	op_group_guid	PrimaryKey			No	GUID for unique record identification
9	op_group_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_outputgrp	Primary Key	1	op_group_guid
UQ_OutputGrp_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	op_group_name
UQ_outputgrp_op_group_id	Unique Key	1	op_group_id
IQ_outputgrp_op_group_panel_id	Key	1	op_group_panel_id
IQ_outputgrp_op_group_partition	Key	1	op_group_partition

Foreign Key	Source Column	Referenced Column
FK_outputgrp_panel_op_group_panel_id	op_group_panel_id	panel(p_panel_id)
FK_outputgrp_partition_op_group_partition	op_group_partition	partition(part_number)
FK_outputgrp_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: P900sysparameters
Table Comments: Table for storing P900 related system information

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	sp_facility_code	smallint			No	0 = disable, 1 = alarm, 2 = report
2	sp_access_group	smallint			No	0 = disable, 1 = alarm, 2 = report
3	sp_disabled_badge	smallint			No	0 = disable, 1 = alarm, 2 = report
4	sp_issue_level	smallint			No	0 = disable, 1 = alarm, 2 = report
5	sp_badge_not_found	smallint			No	0 = disable, 1 = alarm, 2 = report
6	sp_timezone	smallint			No	0 = disable, 1 = alarm, 2 = report
7	sp_pin_violation	smallint			No	0 = disable, 1 = alarm, 2 = report
8	sp_local_anti_passback	smallint			No	0 = disable, 1 = alarm, 2 = report
9	sp_valid_not_open	smallint			No	0 = disable, 1 = alarm, 2 = report
10	sp_facility_code_p	smallint			No	1 = Popup
11	sp_access_group_p	smallint			No	1 = Popup
12	sp_disabled_badge_p	smallint			No	1 = Popup
13	sp_issue_level_p	smallint			No	1 = Popup
14	sp_badge_not_found_p	smallint			No	1 = Popup
15	sp_timezone_p	smallint			No	1 = Popup
16	sp_pin_violation_p	smallint			No	1 = Popup
17	sp_local_anti_passback_p	smallint			No	1 = Popup
18	sp_valid_not_open_p	smallint			No	1 = Popup
19	sp_facility_code_i	ReferenceInt			Yes	Alarm Instruction Text Reference
20	sp_access_group_i	ReferenceInt			Yes	Alarm Instruction Text Reference
21	sp_disabled_badge_i	ReferenceInt			Yes	Alarm Instruction Text Reference
22	sp_issue_level_i	ReferenceInt			Yes	Alarm Instruction Text Reference
23	sp_badge_not_found_i	ReferenceInt			Yes	Alarm Instruction Text Reference
24	sp_timezone_i	ReferenceInt			Yes	Alarm Instruction Text Reference
25	sp_pin_violation_i	ReferenceInt			Yes	Alarm Instruction Text Reference
26	sp_local_anti_passback_i	ReferenceInt			Yes	Alarm Instruction Text Reference
27	sp_valid_not_open_i	ReferenceInt			Yes	Alarm Instruction Text Reference

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
28	sp_holdoff_time	smallint			No	holdoff time, 0 - as door relay time, otherwise 1-255 seconds
29	sp_repeat_xaction_time	smallint			No	0 - 255 seconds
30	sp_local_forgiveness	smallint			No	0 - disable, 1 - enabled, 2 - reset(local forgiveness NOW)
31	sp_local_forgiveness_time	datetime			No	
32	sp_card_mode	smallint			No	
33	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
34	sp_guid	PrimaryKey			No	GUID for unique record identification
35	sp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_P900sysparameters	Primary Key	1	sp_guid
IQ_P900sysparameters_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_P900sysparameters_sp_access_group_i	Key	1	sp_access_group_i
IQ_P900sysparameters_sp_badge_not_found_i	Key	1	sp_badge_not_found_i
IQ_P900sysparameters_sp_disabled_badge_i	Key	1	sp_disabled_badge_i
IQ_P900sysparameters_sp_facility_code_i	Key	1	sp_facility_code_i
IQ_P900sysparameters_sp_issue_level_i	Key	1	sp_issue_level_i
IQ_P900sysparameters_sp_local_anti_passback_i	Key	1	sp_local_anti_passback_i
IQ_P900sysparameters_sp_pin_violation_i	Key	1	sp_pin_violation_i
IQ_P900sysparameters_sp_timezone_i	Key	1	sp_timezone_i
IQ_P900sysparameters_sp_valid_not_open_i	Key	1	sp_valid_not_open_i

Foreign Key	Source Column	Referenced Column
FK_P900sysparameters_alrminst_sp_local_anti_passback_i	sp_local_anti_passback_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_timezone_i	sp_timezone_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_facility_code_i	sp_facility_code_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_disabled_badge_i	sp_disabled_badge_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_badge_not_found_i	sp_badge_not_found_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_access_group_i	sp_access_group_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_pin_violation_i	sp_pin_violation_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_issue_level_i	sp_issue_level_i	alrminst(ai_id)
FK_P900sysparameters_alrminst_sp_valid_not_open_i	sp_valid_not_open_i	alrminst(ai_id)
FK_P900sysparameters_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: panel
Table Comments: Table defining the list of panels
Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	p_partition	ReferenceInt			No	Partition Reference
2	p_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	p_unit_name	varchar			No	Name
4	p_panel_id	IDENTITY			No	Unique Identification of the record within the Enterprise
6	p_pin_type	EnumValue			No	References enum set 'Pin Code Type'
9	p_inxit	Boolean			No	1 = entry/exit
10	p_4_or_5_digit	EnumValue			No	0 = 4 digit pin, 1 = 5 digit pin
11	p_upload	smallint			No	1 = upload history
12	p_tz_checking	smallint			No	1 = timezone checking
15	p_offset_enable	Boolean			No	1 = enable time offset
22	p_inp_report_delay	smallint			No	input reporting delay
23	p_out_report_delay	smallint			No	output reporting delay
24	p_time_date_offset	int			No	panel version string (set by comms)
26	p_unit	int			No	??
39	p_ip_pri	char	16		Yes	primary IP address
40	p_ip_alt	char	16		Yes	alternate IP address
41	p_pri_comm_pref	EnumValue			No	primary comm is preferred path
42	p_net_timeout	smallint			No	network timeout in secs
43	p_version_text	varchar			Yes	panel version string (set by comms)
45	p_enabled	Boolean			No	1 = enabled
46	p_query_string	nchar	64		Yes	Query String
48	p_poll_timeout	smallint			No	??
49	p_poll_direction	smallint			No	??
50	p_actual_poll_dir	smallint			No	??
51	p_retry_delay	EnumValue			No	References enum set 'Poll Direction'
53	p_code_major_version	smallint			Yes	Panel firmware revision major portion
54	p_code_minor_version	smallint			Yes	Panel firmware revision minor portion

Field	Column Name	Type	Length	Occurences	Nullable	Comment
55	p_code_build_version	smallint			Yes	Panel firmware revision build portion
56	p_ipl_major_version	smallint			Yes	Panel ipl firmware revision major portion
57	p_ipl_minor_version	smallint			Yes	Panel ipl firmware revision minor portion
58	p_ipl_build_version	smallint			Yes	Panel ipl firmware revision build portion
59	p_min_major_version	smallint			No	Minimum version of panel firmware that can use this record major portion
60	p_min_minor_version	smallint			No	Minimum version of panel firmware that can use this record minor portion
61	p_min_build_version	smallint			No	Minimum version of panel firmware that can use this record build portion
62	p_max_major_version	smallint			No	Maximum version of panel firmware that can use this record major portion
63	p_max_minor_version	smallint			No	Maximum version of panel firmware that can use this record minor portion
64	p_max_build_version	smallint			No	Maximum version of panel firmware that can use this record build portion
65	p_configuration_model	smallint			No	References enum set 'Hardware Model'
66	p_hardware_model	smallint			No	References enum set 'Hardware Model'
69	p_lan_net_polling_interval	int			Yes	Downloaded to panel for primary channel polling
70	p_dialup_net_polling_interval	int			Yes	Downloaded to panel for alternate channel polling
71	p_lan_net_polling_timeout	int			Yes	Host uses for primary channel polling
72	p_dialup_net_polling_timeout	int			Yes	Host uses for alternate channel polling
81	p_bacnet	smallint			No	Bitmask defining which panel components are accessible through BACnet
82	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
83	p_guid	PrimaryKey			No	GUID for unique record identification
84	p_checksum	Signature			No	Digital Signature
85	p_loop_id	ReferenceInt			Yes	Loop Reference

Index	Key Type	Order	Column Name
PK_panel	Primary Key	1	p_guid
UQ_Panel_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	p_unit_name
UQ_panel_p_panel_id	Unique Key	1	p_panel_id
IQ_panel_p_loop_id	Key	1	p_loop_id
IQ_panel_p_partition	Key	1	p_partition

Foreign Key	Source Column	Referenced Column
FK_panel_partition_p_partition	p_partition	partition(part_number)
FK_panel_loopconfig_p_loop_id	p_loop_id	loopconfig(lc_id)
FK_panel_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: panel_ck

Table Comments: Table used for defining CK7xx and legacy related information

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	p_id	ReferenceInt			No	Panel Reference
2	p_trans_type	smallint			Yes	reserved for legacy panels
3	p_scam_code	smallint			Yes	scramble mode 0-7
4	p_system_override	Boolean			Yes	1 = system override
5	p_latch_alm_output	Boolean			Yes	1 = latch alarm output
6	p_group_outputs	Boolean			Yes	1 = group outputs
7	p_rest_hist	Boolean			Yes	1 = restrict history storage
8	p_rest_hist_days	smallint			Yes	number of days after which history is deleted
9	p_rest_hist_time	datetime			Yes	time at which to delete history
10	p_wiegand_fac	int			Yes	facility code for wiegand cards (legacy panels only)
11	p_ncrypt_fac	int			Yes	facility code for ncrypt cards (legacy panels only)
12	p_mag_fac	int			Yes	facility code for mag stripe cards (legacy panels only)
13	p_ovr_tailgate	Boolean			Yes	1 = timed override/anti tailgate
14	p_add_rras_account	Boolean			No	1 = create account in RRAS for dialup panel
15	p_eci_unit_num	int			Yes	D600E eci unit with which this panel communicates
16	p_high_speed_485	Boolean			No	Use high speed serial in CK720 Ver. 2 and higher
17	p_hist_upload_threshold_flag	Boolean			No	1 = Turn on upload threshold, 0 = Turn off
18	p_hist_upload_threshold	smallint			No	Threshold percent
19	p_hist_always_upload_threshold_flag	smallint			No	1 = Turn on always upload threshold, 0 = Turn off
20	p_hist_always_upload_threshold	smallint			No	Threshold percent
21	p_hist_delete_flag	smallint			No	1 = Turn on history retention limit, 0 = Turn off
22	p_hist_delete_days	smallint			No	History retention limit days
23	p_hist_delete_time	int			No	History retention limit time of day
24	p_hist_upload_timezone	ReferenceInt			Yes	Timezone Reference
25	p_facility_code4	int			Yes	facility codeD600-AP
26	p_security_level	smallint			Yes	(0-99) representing threat level

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
27	p_mag_stripe	smallint		10	Yes	mag stripe for the readers
37	p_duress_plus1	smallint			Yes	
38	p_log_rd_strike_msg	smallint			Yes	
39	p_log_op_status	smallint			Yes	
40	p_enable_pin_duress	smallint			Yes	
41	p_to_entry_require	smallint			Yes	
42	p_num_pin_code_retry	smallint			Yes	
43	p_elev_type	int			No	elevator type
44	p_elev_param_1	int			No	High Level Elevator Parmeter, for KONE, Baudrate
45	p_elev_param_2	int			No	High Level Elevator Parmeter, KONE Group Controller Address (1 to 8)
46	p_elev_param_3	int			No	High Level Elevator Parmeter, for KONE, lowest level for group (1 to 128)
48	p_guid	PrimaryKey			No	GUID for unique record identification
49	p_checksum	Signature			No	Digital Signature
50	p_no_badge_archive	smallint			No	
51	p_no_accgrp_archive	smallint			No	
52	p_no_config_archive	smallint			No	
53	p_enable_suppress_msg	Boolean			No	
54	p_custom_configuration	int			No	

Index	Key Type	Order	Column Name
PK_panel_ck	Primary Key	1	p_guid
IQ_panel_ck_p_hist_upload_timezone	Key	1	p_hist_upload_timezone
IQ_panel_ck_p_id	Key	1	p_id

Foreign Key	Source Column	Referenced Column
FK_panel_ck_timezone_p_hist_upload_timezone	p_hist_upload_timezone	timezone(tz_id)
FK_panel_ck_panel_p_id	p_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: panelholiday

Table Comments: Table storing the applicable holidays for a P2000 panel

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	ph_panel_id	ReferenceInt			No	Panel Reference
2	ph	ReferenceInt		40	Yes	Holiday Reference
43	ph_guid	PrimaryKey			No	GUID for unique record identification
44	ph_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_panelholiday	Primary Key	1	ph_guid
IQ_panelholiday_ph_panel_id	Key	1	ph_panel_id

Foreign Key	Source Column	Referenced Column
FK_panelholiday_panel_ph_panel_id	ph_panel_id	panel(p_panel_id)
FK_panelholiday_holiday_ph	ph	holiday(ho_id)

Database Name: P2000EntityConfig
Table Name: panelstatus
Table Comments: Table storing the current status of a panel

Partitioned: 4 Sub-record
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ps_panel_id	ReferenceInt			No	Panel Reference
2	ps_pref_comm_valid	smallint			Yes	primary comm is valid (calculated)
3	ps_status	smallint			Yes	up/down status (set by comms)
4	ps_status_timestamp	datetime			Yes	status timestamp (set by comms)
5	ps_last_communication	datetime			No	last communication timestamp (set by comms)
6	ps_dnld_delay_until	datetime			No	Error Delay hold-off (Backoff Algorithm)
7	ps_dnld_conn_fails	smallint			No	# of consuccutive failures spanning service sessions
8	ps_dnld_conn_fails_total	int			No	Total # of consuccutive failures (cleared manually)
9	ps_dnld_xfer_fails	smallint			No	# of consuccutive failures spanning service sessions
10	ps_dnld_xfer_fails_total	int			No	Total # of consuccutive failures (cleared manually)
11	ps_stats_cleared	datetime			No	time stats were cleared (set manually)
12	ps_clock_drift	float			No	avg. clock drift in the panel
13	ps_max_clock_drift	int			No	max clock drift seen from the panel
14	ps_port_configuration	smallint			No	
16	ps_guid	PrimaryKey			No	GUID for unique record identification
17	ps_checksum	Signature			No	Digital Signature
18	ps_SN	nchar	22		Yes	Panel Serial Number if sent

Index	Key Type	Order	Column Name
PK_panelstatus	Primary Key	1	ps_guid
IQ_panelstatus_ps_panel_id	Key	1	ps_panel_id

Foreign Key	Source Column	Referenced Column
FK_panelstatus_panel_ps_panel_id	ps_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: paneltz

Table Comments: Table storing the time zone applicable for a panel and their internal reference numbers

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	pt_panel_id	ReferenceInt			No	Panel Reference
2	pt_tz	ReferenceInt		64	Yes	Timezone Reference
66	pt_og	ReferenceInt		64	Yes	Output Group Reference
131	pt_guid	PrimaryKey			No	GUID for unique record identification
132	pt_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_paneltz	Primary Key	1	pt_guid
IQ_paneltz_pt_panel_id	Key	1	pt_panel_id

Foreign Key	Source Column	Referenced Column
FK_paneltz_outputgrp_pt_og	pt_og	outputgrp(op_group_id)
FK_paneltz_timezone_pt_tz	pt_tz	timezone(tz_id)
FK_paneltz_panel_pt_panel_id	pt_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: partition

Table Comments: List of partitions within the P2000 enterprise

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	part_number	int			No	Partition Number
2	part_name	nchar	32		No	Partition Name
4	part_guid	PrimaryKey			No	GUID for unique record identification
5	part_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_partition	Primary Key	1	part_guid
UQ_partition_part_number	Unique Key	1	part_number

Database Name: P2000EntityConfig

Table Name: portconfig

Table Comments: Table defining the TCP/IP ports used by services and functions within the P2000 enterprise

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	port_enum	int			No	References enum set 'Port Type'
2	port_value	int			No	TCP/IP port value
3	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
4	port_guid	PrimaryKey			No	GUID for unique record identification
5	port_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_portconfig	Primary Key	1	port_guid
UQ_PortConfig_EnterpriseSiteGuidPortEnum	Unique Key	1 2	EnterpriseSiteGuid port_enum
IQ_portconfig_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_portconfig_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: reason

Table Comments: Reasons for issuing new identifiers

Partitioned: 6 Internal System

Enterprise: 1 All records

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	r_name	nchar	32		No	Name
2	r_guid	PrimaryKey			No	GUID for unique record identification
3	r_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_reason	Primary Key	1	r_guid
UQ_Reason_Name	Unique Key	1	r_name

Database Name: P2000EntityConfig

Table Name: recipient

Table Comments:

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	r_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	r_panel_id	ReferenceInt			Yes	Panel Reference
3	r_category	EnumValue			Yes	Reference enum set 'BACnet Category'
4	r_valid_days	tinyint			Yes	Field from BACnet Notification Class
5	r_from_time	datetime			Yes	Field from BACnet Notification Class
6	r_to_time	datetime			Yes	Field from BACnet Notification Class
7	r_choice	tinyint			Yes	Field from BACnet Notification Class
8	r_instance	int			Yes	Field from BACnet Notification Class
9	r_network	smallint			Yes	Field from BACnet Notification Class
10	r_ip_addr	char	16		Yes	Field from BACnet Notification Class
11	r_udp_port	int			Yes	Field from BACnet Notification Class
12	r_process	int			Yes	Field from BACnet Notification Class
13	r_confirmed	Boolean			Yes	Field from BACnet Notification Class
14	r_transitions	tinyint			Yes	Field from BACnet Notification Class

Index	Key Type	Order	Column Name
UQ_recipient_r_id	Unique Key	1	r_id
IQ_recipient_r_panel_id	Key	1	r_panel_id

Foreign Key	Source Column	Referenced Column
FK_recipient_panel_r_panel_id	r_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig
Table Name: redundancy_cfg
Table Comments: Table for defining NSI parameters

Partitioned: 1 Unpartitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
2	redncfg_id	IDENTITY			No	Unique Identification of the record within the Enterprise
3	redncfg_guid	PrimaryKey			No	GUID for unique record identification
4	redncfg_type	smallint			No	Reference enum set 'Redundancy Server'
5	redncfg_checksum	Signature			No	Digital Signature
6	redncfg_server_name	varchar			No	server name
7	redncfg_server_ip	char	16		No	server IP address
8	redncfg_server_datanet_ip	char	16		No	server private IP address
9	redncfg_server_login_name	varchar			No	server login name
10	redncfg_server_login_password	nchar	16		Yes	server login Pswrd
11	redncfg_server_domain	varchar			Yes	server domain name
12	redncfg_safemode_name	varchar			Yes	safe mode server name
13	redncfg_safemode_ip	char	16		Yes	safe mode server IP address
14	redncfg_safemode_login_name	varchar			Yes	server login Pswrd
15	redncfg_safemode_login_password	nchar	16		Yes	safe mode server login pswrd
16	redncfg_safemode_data_net_ip	char	16		Yes	safe mode datanet IP address
17	redncfg_monitor_interval	smallint			Yes	failure checking frequency in seconds
18	redncfg_monitor_timeout	smallint			Yes	failover delay time from failure to start failover procedure
19	redncfg_bandwidth_limit	int			Yes	network bandwidth limitation between primary server to standby server
20	redncfg_database_path	varchar			No	where the database data file is
22	redncfg_failover_public_nic	int			Yes	fail over public NIC number
23	redncfg_failover_private_nic	int			Yes	fail over private NIC number

Index	Key Type	Order	Column Name
PK_redundancy_cfg	Primary Key	1	redncfg_guid
UQ_redundancy_cfg_redncfg_id	Unique Key	1	redncfg_id
IQ_redundancy_cfg_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_redundancy_cfg_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: redundancy_isolation_ip

Table Comments: Table for defining NSI parameters

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
2	rii_id	IDENTITY			No	Unique Identification of the record within the Enterprise
3	rii_guid	PrimaryKey			No	GUID for unique record identification
4	rii_checksum	Signature			No	Digital Signature
5	rii_ip	char	16		No	isolation IP address
6	rii_desc	nchar	64		Yes	description of the IP

Index	Key Type	Order	Column Name
PK_redundancy_isolation_ip	Primary Key	1	rii_guid
UQ_redundancy_isolation_ip_rii_id	Unique Key	1	rii_id
UQ_RedundancyIsolationIP_EnterpriseIP	Unique Key	1	EnterpriseSiteGuid
		2	rii_ip

Foreign Key	Source Column	Referenced Column
FK_redundancy_isolation_ip_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: registration

Table Comments: Table to store local installation and registration key

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	r_reg_key	char	40		Yes	Registration Key
2	r_install_key	char	24		No	Installation Key

Index	Key Type	Order	Column Name
PK_registration	Primary Key	1	r_install_key

Database Name: P2000EntityConfig

Table Name: remoteserver

Table Comments: Table defining the list of servers from which messages can be received or to which messages need to be transmitted

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	rs_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	rs_name	nchar	32		No	Name
3	rs_partition	ReferenceInt			Yes	Partition Reference
4	rs_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
5	rs_computer	nchar	255		Yes	computer name
6	rs_ip_address	char	16		Yes	TCP IP Port number
7	rs_port	int			Yes	TCP IP Port number
8	rs_tz_id	ReferenceInt			Yes	Timezone Reference
9	rs_mfg_id	ReferenceInt			Yes	Message Filter Group Reference
11	rs_queuelength	int			No	queue length 100 to 1000 messages
12	rs_queueexpiry	int			No	queue expiry 15 to 900 seconds
13	rs_sessionlength	int			No	session length 1 to 100 messages
14	rs_sessionduration	int			No	session duration 60 to 900 seconds
15	rs_sessiontimeout	int			No	session end timeout 15 to 900 seconds
16	rs_remote_site	nchar	32		Yes	site name of the remote site
17	rs_enable_transmit	smallint			No	enable transmission to remote computer
18	rs_enable_receive	smallint			No	enable receiving information from remote site
19	rs_invalid_attempt	int			No	number of consecutive invalid attempts
20	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
21	rs_guid	PrimaryKey			No	GUID for unique record identification
22	rs_checksum	Signature			No	Digital Signature
23	rs_protocol	EnumValue			No	Defines the protocol used for interfacing with the remote server (see EnumSet: Remote Server Protocol)

Index	Key Type	Order	Column Name
PK_remoteserver	Primary Key	1	rs_guid
UQ_RemoteServer_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	rs_name
UQ_remoteserver_rs_id	Unique Key	1	rs_id
IQ_remoteserver_rs_mfg_id	Key	1	rs_mfg_id
IQ_remoteserver_rs_partition	Key	1	rs_partition
IQ_remoteserver_rs_tz_id	Key	1	rs_tz_id

Foreign Key	Source Column	Referenced Column
FK_remoteserver_partition_rs_partition	rs_partition	partition(part_number)
FK_remoteserver_timezone_rs_tz_id	rs_tz_id	timezone(tz_id)
FK_remoteserver_msgfiltergroup_rs_mfg_id	rs_mfg_id	msgfiltergroup(mfg_id)
FK_remoteserver_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: report
Table Comments: List of system reports

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	report_partition	ReferenceGuid			Yes	Partition Reference
2	report_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	report_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	report_name	nchar	64		No	Name
5	report_user	Boolean			Yes	1 = user report
6	report_lang_id	nchar	4		No	Language Identification
7	report_index	smallint			Yes	References enum set 'Report Type'
8	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
9	report_guid	PrimaryKey			No	GUID for unique record identification
10	report_checksum	Signature			No	Digital Signature
11	report_hide	Boolean			No	Defines whether the report is hidden or not
12	report_engine	EnumValue			No	Enumeration identifying the 'Report Engine Type'
13	report_category	EnumValue			No	Enumeration identifying the 'Report Category Type'

Index	Key Type	Order	Column Name
PK_report	Primary Key	1	report_guid
UQ_Report_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	report_lang_id
		3	report_name
UQ_report_report_id	Unique Key	1	report_id
IQ_report_report_partition	Key	1	report_partition

Foreign Key	Source Column	Referenced Column
FK_report_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_report_partition_report_partition	report_partition	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: reportdata

Table Comments:

Partitioned: 0 Unknown

Enterprise: 0 Unknown

FDA: 0 Unknown

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	report_id	int			No	
2	report_data	image			Yes	
4	report_guid	PrimaryKey			No	GUID for unique record identification
5	report_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_ReportData	Primary Key	1	report_guid
UQ_ReportData_ReportId	Unique Key	1	report_id

Foreign Key	Source Column	Referenced Column
FK_ReportData_Report_ReportId	report_id	report(report_id)

Database Name: P2000History

Table Name: reportpartition

Table Comments: Temporary table to allow partition filtering in some standard reports

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 5 Temporary Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	rp_id	uniqueidentifier			No	Report Instance
2	rp_part_name	nchar	32		No	Partition Name

Index	Key Type	Order	Column Name
PK_reportpartition	Primary Key	1	rp_id
		2	rp_part_name

Database Name: P2000EntityConfig

Table Name: RepositoryCategory

Table Comments: Table defining the different repository categories

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	Name	Name	32	2	No	

Index	Key Type	Order	Column Name
PK_RepositoryCategory	Primary Key	1	Guid
UQ_RepositoryCategory_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: RepositoryCategoryRepositoryClass

Table Comments: Table linking the repository category to the repository class (N:N)

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	RepositoryCategoryGuid	Reference			No	
3	RepositoryClassGuid	Reference			No	

Index	Key Type	Order	Column Name
PK_RepositoryCategoryRepositoryClass	Primary Key	1	Guid
IQ_RepositoryCategoryRepositoryClass_RepositoryCategoryGuid	Key	1	RepositoryCategoryGuid
IQ_RepositoryCategoryRepositoryClass_RepositoryClassGuid	Key	1	RepositoryClassGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryCategoryRepositoryClass_RepositoryClassRepositoryClassGuid	RepositoryClassGuid	RepositoryClass(Guid)
FK_RepositoryCategoryRepositoryClass_RepositoryCategoryRepositoryCategoryGuid	RepositoryCategoryGuid	RepositoryCategory(Guid)

Database Name: P2000EntityConfig

Table Name: RepositoryClass

Table Comments: Table which contains all classes stored within the object repository

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key (RowGuid)
2	MajorVersion	int			No	Major Version number of class (info only)
3	MinorVersion	int			No	Minor Version number of class (info only)
4	Name	nchar	50		No	Name of class
5	ClassCategory	int			Yes	P2000 / Metasys class
6	ClassType	int			No	Identifies the class type (eg by metasys class id)
7	ClassSubType	int			Yes	Identifies the sub-type (eg event class within the class type)
8	ClassName	nchar	400		No	.NET class representing this class
9	MaxInstances	int			No	Max. number of instances for this class
10	MetaData	xml			Yes	Contains XML meta data for the item sub type associated with the Repository Class

Index	Key Type	Order	Column Name
PK_RepositoryClass	Primary Key	1	Guid
UQ_RepositoryClass_Name	Key	1	Name

Database Name: P2000EntityConfig
Table Name: RepositoryDataType
Table Comments: Table which contains all datatypes for the repository attributes

Partitioned: 6 Internal System
Enterprise: 2 Sub-set
FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key (RowGuid)
2	Name	Name	32		No	Name of DataType
3	MetasysDataFieldID	int			Yes	Metasys Type ID for this data type
4	ValueField	nchar	32		Yes	Defines the field which contains the value within the RepositoryDefaultValue and RepositoryValue tables
5	P2000ClassName	nchar	100		Yes	Identifies the P2000 class name used for managing this data type
6	ReferenceClass	uniqueidentifier			Yes	Provides additional information for initializing the P2000 class
7	EditorClass	nchar	100		Yes	Defines P2000's UI Editor Class for changing values

Index	Key Type	Order	Column Name
PK_RepositoryDataType	Primary Key	1	Guid
UQ_RepositoryDataType_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: RepositoryDataTypeRepositoryType

Table Comments: Table which links the repository data type to the repository type

Partitioned: 1 Unpartitioned

Enterprise: 1 All records

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	PrimaryKey (RowGuid)
2	RepositoryDataTypeGuid	ReferenceGuid			No	References repository data type
4	RepositoryTypeGuid	ReferenceGuid			No	References repository type

Index	Key Type	Order	Column Name
PK_RepositoryDataTypeRepositoryType	Primary Key	1	Guid
IQ_RepositoryDataTypeRepositoryType_RepositoryDataType	Key	1	RepositoryDataTypeGuid
IQ_RepositoryDataTypeRepositoryType_RepositoryType	Key	1	RepositoryTypeGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryDataTypeRepositoryType_RepositoryDataType_RepositoryTypeGuid	RepositoryTypeGuid	RepositoryDataType(Guid)
FK_RepositoryDataTypeRepositoryType_RepositoryType_RepositoryTypeGuid	RepositoryTypeGuid	RepositoryType(Guid)

Database Name: P2000EntityConfig

Table Name: RepositoryDefaultValue

Table Comments: Table containing the default values for all repository attributes

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	RepositoryPropertyGuid	PrimaryKey			No	
2	ValueBit	Boolean			Yes	
3	ValueDateTime	datetime			Yes	
4	ValueFloat	Float			Yes	
5	ValueInteger	int			Yes	
6	ValueString	nvarchar	520		Yes	
7	ValueGuid	uniqueidentifier			Yes	

Index	Key Type	Order	Column Name
PK_RepositoryDefaulValue	Primary Key	1	RepositoryPropertyGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryDefaultValue_RepositoryProperty_RepositoryPropertyGuid	RepositoryPropertyGuid	RepositoryProperty(Guid)

Database Name: P2000EntityConfig
Table Name: RepositoryInstance
Table Comments: Table containing the repository instances

Partitioned: 1 Unpartitioned
Enterprise: 2 Sub-set
FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	RepositoryInstanceGuid	Reference			Yes	GUID referencing the parent of this item
3	PartitionGuid	Reference			No	GUID referencing the partition of this item
4	IsPublic	Boolean			No	GUID referencing the
5	Name	Name	32		No	
6	IsEnabled	Boolean			Yes	Defines whether this item is enabled or not
7	QueryString	QueryString	64		Yes	
8	BACnetName	nvarchar	1024		Yes	
9	BACnetOID	int			Yes	Contains the BACnet OID, if this record stores a P2000 BACnet object representation
10	RepositoryClassGuid	Reference			Yes	
11	RepositoryTypeGuid	Reference			Yes	
12	EnterpriseSiteGuid	Reference			Yes	
13	Checksum	Signature			No	
15	XmlInfo	xml			Yes	XML

Index	Key Type	Order	Column Name
PK_RepositoryInstance	Primary Key	1	Guid
UQ_RepositoryInstance_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	RepositoryClassGuid
		3	Name
IQ_RepositoryInstance_PartitionGuid	Key	1	PartitionGuid
IQ_RepositoryInstance_RepositoryClassGuid	Key	1	RepositoryClassGuid
IQ_RepositoryInstance_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid
IQ_RepositoryInstance_RepositoryTypeGuid	Key	1	RepositoryTypeGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryInstance_EnterpriseSite_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_RepositoryInstance_Partition_PartitionGuid	RepositoryTypeGuid	RepositoryType(Guid)
FK_RepositoryInstance_Partition_PartitionGuid	PartitionGuid	partition(part_guid)
FK_RepositoryInstance_RepositoryClass_RepositoryClassGuid	RepositoryClassGuid	RepositoryClass(Guid)
FK_RepositoryInstance_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: RepositoryInstanceStatus

Table Comments: Table storing the status of a Repository Instance object

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
1	RepositoryInstanceGuid	uniqueidentifier			No	References RepositoryInstance object
2	StatusType	EnumValue			No	References enum set 'Repository Instance Status Type'
3	Status	EnumValue			No	Enumeration Value referencing the 'RepositoryInstanceStatus' enum set
4	TimeStampUTC	datetime			No	Date / Time (in UTC) when the referenced repository instance changed into this state

Index	Key Type	Order	Column Name
PK_RepositoryInstanceStatus	Primary Key	1	Guid
UQ_RepositoryInstanceStatus_RepositoryInstanceGuid_StatusType	Unique Key	1	RepositoryInstanceGuid
		2	StatusType

Foreign Key	Source Column	Referenced Column
FK_RepositoryInstanceStatus_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: RepositoryProperty

Table Comments: Table which contains the attribute definition for all repository classes

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key (RowGuid) for DB replication
2	Name	Name	32		No	Name of attribute
3	MetasysAttributeID	int			Yes	MetasysAttributeID, 0 for structure/collection members and P2000 attributes
4	RepositoryClassGuid	Reference			No	References repository class
5	RepositoryDataTypeGuid	Reference			Yes	References data type of this attribute
6	EnumSetGuid	Reference			Yes	References enumeration set, if data type is an enumeration
7	RepositoryPropertyGuid	ReferenceGuid			Yes	References parent attribute used for collection and structure members
8	Sequence	int			No	Sequence number to determine place in structure

Index	Key Type	Order	Column Name
PK_RepositoryProperty	Primary Key	1	Guid
IQ_RepositoryProperty_EnumSetGuid	Key	1	EnumSetGuid
IQ_RepositoryProperty_RepositoryClassGuid	Key	1	RepositoryClassGuid
IQ_RepositoryProperty_RepositoryDataTypeGuid	Key	1	RepositoryDataTypeGuid
IQ_RepositoryProperty_RepositoryPropertyGuid	Key	1	RepositoryPropertyGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryProperty_RepositoryProperty_RepositoryPropertyGuid	RepositoryPropertyGuid	RepositoryProperty(Guid)

Database Name:

P2000EntityConfig

Table Name:

RepositoryPropertyGroup

Table Comments:

Table which contains the different attribute groups for all repository classes

Partitioned:

6 Internal System

Enterprise:

2 Sub-set

FDA:

2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	Name	nchar	25		No	

Index	Key Type	Order	Column Name
PK_RepositoryPropertyGroup	Primary Key	1	Guid
UQ_RepositoryPropertyGroup_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: RepositoryPropertyGroupRepositoryProperty

Table Comments: Table which contains the attributes of the repository attribute when used by an attribute group

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	RepositoryPropertyGuid	ReferenceGuid			No	
3	RepositoryPropertyGroupGuid	ReferenceGuid			No	
4	Minimum	int			Yes	
5	Maximim	int			Yes	
6	IsInternal	Boolean			No	
7	IsWritable	Boolean			No	
8	IsConfiguration	Boolean			No	
9	IsArchived	Boolean			No	
10	IsPMIRefreshing	Boolean			No	
11	IsDefaultAttrbute	Boolean			No	
12	IsKeyAttribute	Boolean			No	
13	BasicView	Boolean			No	
14	AdvancedView	Boolean			No	
15	BACnetView	Boolean			No	
16	RepositoryClassGuid	Reference			No	
17	Caption	nchar	50		Yes	
18	Tooltip	ntext			Yes	

Index	Key Type	Order	Column Name
PK_RepositoryPropertyGroupRepositoryProperty	Primary Key	1	Guid
IQ_RepositoryPropertyGroupRepositoryProperty_RepositoryClassGuid	Key	1	RepositoryClassGuid
IQ_RepositoryPropertyGroupRepositoryProperty_RepositoryPropertyGroupGuid	Key	1	RepositoryPropertyGroupGuid
IQ_RepositoryPropertyGroupRepositoryProperty_RepositoryPropertyGuid	Key	1	RepositoryPropertyGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryPropertyGroupRepositoryProperty_RepositoryPropertyGroup_RepositoryPropertyGroup	RepositoryPropertyGroupGuid	RepositoryPropertyGroup(Guid)
FK_RepositoryPropertyGroupRepositoryProperty_RepositoryProperty_RepositoryPropertyGuid	RepositoryPropertyGuid	RepositoryProperty(Guid)

Database Name: P2000EntityConfig

Table Name: RepositoryType

Table Comments: Table containing the repository types

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	Name	Name	32		No	

Index	Key Type	Order	Column Name
PK_RepositoryType	Primary Key	1	Guid
UQ_RepositoryType_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: RepositoryValue

Table Comments: Table containing the values for all repository instance's attributes

Partitioned: 6 Internal System

Enterprise: 2 Sub-set

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	
2	RepositoryInstanceGuid	ReferenceGuid			No	
3	RepositoryValueGuid	ReferenceGuid			Yes	
4	RepositoryPropertyGuid	ReferenceGuid			No	
5	Sequence	int			No	
6	ValueBit	Boolean			Yes	
7	ValueDateTime	datetime			Yes	
8	ValueInteger	int			Yes	
9	ValueString	nvarchar	260		Yes	
10	ValueGuid	uniqueidentifier			Yes	
11	Checksum	Signature			No	

Index	Key Type	Order	Column Name
PK_RepositoryValue	Primary Key	1	Guid
IQ_RepositoryValue_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid
IQ_RepositoryValue_RepositoryPropertyGuid	Key	1	RepositoryPropertyGuid

Foreign Key	Source Column	Referenced Column
FK_RepositoryValue_RepositoryValue_RepositoryValueGuid	RepositoryValueGuid	RepositoryValue(Guid)
FK_RepositoryValue_RepositoryProperty_RepositoryPropertyGuid	RepositoryPropertyGuid	RepositoryProperty(Guid)
FK_RepositoryValue_RepositoryInstance_RepositoryInstanceGuid	RepositoryInstanceGuid	RepositoryInstance(Guid)

Database Name: P2000EntityConfig

Table Name: request_queue

Table Comments: Temporary table to store visitory management, SMTE and web services requests

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	rq_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	rq_sender	varchar			Yes	
3	rq_senderdetail	varchar			Yes	
4	rq_sourceip	varchar			Yes	
5	rq_operation	tinyint			No	
6	rq_createtime	datetime			No	
7	rq_modificationtime	datetime			No	
8	rq_revised	Boolean			No	
9	rq_processtatus	tinyint			No	
11	rq_integrity	Boolean			No	
13	rq_rfirstname	varchar			Yes	
14	rq_rmiddlename	varchar			Yes	
15	rq_rlastname	varchar			Yes	
16	rq_rsitename	varchar			Yes	
17	rq_rpartition	varchar			Yes	
18	rq_rcompany	varchar			Yes	
20	rq_requestnotes	varchar			Yes	
21	rq_entityid	varchar			Yes	
22	rq_type	tinyint			No	
24	rq_sitename	varchar			Yes	
25	rq_partition	nchar	32		Yes	Partition Name
26	rq_firstname	varchar			No	
27	rq_middlename	varchar			Yes	
28	rq_lastname	varchar			No	
29	rq_company	varchar			Yes	
31	rq_starttime	datetime			Yes	
32	rq_expiretime	datetime			Yes	

Field	Column Name	Type	Length	Occurences	Nullable	Comment
43	rq_sfirstname	varchar			Yes	
44	rq_smiddlename	varchar			Yes	
45	rq_slastname	varchar			Yes	
46	rq_ssitename	varchar			Yes	
47	rq_spartition	varchar			Yes	
48	rq_scompany	varchar			Yes	
50	rq_orgxmlblock	text			No	
51	rq_rltxmlblock	text			Yes	
52	Guid	PrimaryKey			No	
53	rq_rdepartment	varchar			Yes	
54	rq_approver_guid	uniqueidentifier			Yes	
55	rq_location	nvarchar	255		Yes	
56	rq_timeofarrival	datetime			Yes	

Index	Key Type	Order	Column Name
PK_RequestQueue	Primary Key	1	Guid
UQ_request_queue_rq_id	Unique Key	1	rq_id
IQ_Request_Queue_rq_approver_guid	Key	1	Guid

Database Name: P2000History

Table Name: request_queue_hist

Table Comments: Table to store visitor management, SMTE and web services requests after they've been processed.

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	rq_guid	PrimaryKey			No	
2	rq_sender	varchar			Yes	
3	rq_senderdetail	varchar			Yes	
4	rq_sourceip	varchar			Yes	
5	rq_operation	tinyint			No	
6	rq_createtime	datetime			No	
7	rq_modificationtime	datetime			No	
8	rq_revised	Boolean			No	
9	rq_processtatus	tinyint			No	
11	rq_integrity	Boolean			No	
13	rq_rfirstname	varchar			Yes	
14	rq_rmiddlename	varchar			Yes	
15	rq_rlastname	varchar			Yes	
16	rq_rsitename	varchar			Yes	
17	rq_rpartition	varchar			Yes	
18	rq_rcompany	varchar			Yes	
20	rq_requestnotes	varchar			Yes	
21	rq_entityid	varchar			Yes	
22	rq_type	tinyint			No	
24	rq_sitename	varchar			Yes	
25	rq_partition	varchar			Yes	Partition Name
26	rq_firstname	varchar			Yes	
27	rq_middlename	varchar			Yes	
28	rq_lastname	varchar			Yes	
29	rq_company	varchar			Yes	
31	rq_starttime	datetime			Yes	
32	rq_expiretime	datetime			Yes	

Field	Column Name	Type	Length	Occurences	Nullable	Comment
43	rq_sfirstname	varchar			Yes	
44	rq_smiddlename	varchar			Yes	
45	rq_slastname	varchar			Yes	
46	rq_ssitename	varchar			Yes	
47	rq_spartition	varchar			Yes	
48	rq_scompany	varchar			Yes	
50	rq_orgxmlblock	text			No	
51	rq_rltxmlblock	text			Yes	
52	rq_rdepartment	varchar			Yes	
53	rq_approver_guid	uniqueidentifier			Yes	
54	rq_location	nvarchar	255		Yes	
55	rq_timeofarrival	datetime			Yes	

Index	Key Type	Order	Column Name
PK_RequestQueueHist	Primary Key	1	rq_guid

Database Name: P2000EntityConfig
Table Name: requestapprovers
Table Comments: Defines the request approval procedure

Partitioned: 2 Partitioned
Enterprise: 1 All records
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	PartitionGuid	ReferenceGuid			Yes	Partition reference
3	Order	int			No	Order
4	Sender	nchar	64		No	
5	SenderDetail	nchar	64		No	
6	Operation	int			No	Operation
7	CompanyGuid	ReferenceGuid			Yes	Comapany referenece in organization table
8	DepartmentGuid	ReferenceGuid			Yes	Department reference to ogranization table
9	EnterpriseSiteGuid	ReferenceGuid			No	References Enteprrise Site
10	Checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_RequestApprovers	Primary Key	1	Guid
UQ_RequestApprovers_EnterpriseSiteGuid_PartitionGuid_Order	Unique Key	1	EnterpriseSiteGuid
		2	PartitionGuid
		3	Order

Foreign Key	Source Column	Referenced Column
FK_RequestApprovers_Partition_PartitionGuid	PartitionGuid	partition(part_guid)
FK_RequestApprovers_Organization_CompanyGuid	CompanyGuid	Organization(Guid)
FK_RequestApprovers_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_RequestApprovers_Organization_DepartmentGuid	DepartmentGuid	Organization(Guid)

Database Name: P2000EntityConfig

Table Name: requestapprovers_details

Table Comments:

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	RequestApproversGuid	ReferenceGuid			No	
3	UserGuid	ReferenceGuid			No	
4	Active	Boolean			No	
5	Level	int			No	
7	Checksum	Signature			No	

Index	Key Type	Order	Column Name
PK_requestapprovers_details	Primary Key	1	Guid
UQ_requestapprovers_details_RequestApprovers_UserGuid_Level	Unique Key	1	RequestApproversGuid
		2	UserGuid
		3	Level
IQ_requestapprovers_details_UserGuid	Key	1	UserGuid

Foreign Key	Source Column	Referenced Column
FK_requestapprovers_details_RequestApproverGuid	RequestApproversGuid	requestapprovers(Guid)
FK_requestapprovers_details_UserGuid	UserGuid	User(Guid)

Database Name: P2000EntityConfig

Table Name: requestconfig

Table Comments: Defines the request processing rules

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	Sender	nvarchar	64		No	
3	SenderDetail	nvarchar	64		No	
4	ApprovalLevels	int			No	
5	ProcessType	int			No	
6	EnterpriseSiteGuid	ReferenceGuid			No	
7	Checksum	Signature			No	

Index	Key Type	Order	Column Name
PK_RequestConfig	Primary Key	1	Guid
UQ_RequestConfig_EnterpriseSiteGuid_Sender_SenderDetail	Unique Key	1	EnterpriseSiteGuid
		2	Sender
		3	SenderDetail

Foreign Key	Source Column	Referenced Column
FK_RequestConfig_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: rtlroute

Table Comments: Temporary table for storing messages which could not be transmitted to RTLRoute

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	rtlroute_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	rtlroute_data	varbinary(max)			No	BLOB containing P2000 TCP/IP Open message

Index	Key Type	Order	Column Name
UQ_rtlroute_rtlroute_id	Unique Key	1	rtlroute_id

Database Name: P2000EntityConfig

Table Name: scheduled_actions

Table Comments: Temporary table for scheduling host event actions

Partitioned: 6 Internal System

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	sa_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	sa_execute_at	datetime			No	Date/Time when to perform scheduled action
3	sa_action_id	ReferenceInt			No	Event Action Reference
4	sa_event_id	ReferenceInt			Yes	Event Reference

Index	Key Type	Order	Column Name
UQ_scheduled_actions_sa_id	Unique Key	1	sa_id
IQ_scheduled_actions_sa_action_id	Key	1	sa_action_id
IQ_scheduled_actions_sa_event_id	Key	1	sa_event_id

Foreign Key	Source Column	Referenced Column
FK_scheduled_actions_event_sa_event_id	sa_event_id	event(ev_id)
FK_scheduled_actions_event_action_sa_action_id	sa_action_id	event_action(eva_id)

Database Name: P2000EntityConfig

Table Name: SecLevelRanges

Table Comments: Table for defining the security levels of the various threat levels (green, blue, yellow, orange, red)

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	slr_min_green	int			No	
2	slr_max_green	int			No	
3	slr_setto_green	int			No	
4	slr_min_blue	int			No	
5	slr_max_blue	int			No	
6	slr_setto_blue	int			No	
7	slr_min_yellow	int			No	
8	slr_max_yellow	int			No	
9	slr_setto_yellow	int			No	
10	slr_min_orange	int			No	
11	slr_max_orange	int			No	
12	slr_setto_orange	int			No	
13	slr_min_red	int			No	
14	slr_max_red	int			No	
15	slr_setto_red	int			No	
16	slr_enable_sl	smallint			No	
18	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
19	slr_guid	PrimaryKey			No	GUID for unique record identification
20	slr_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_SecLevelRanges	Primary Key	1	slr_guid
IQ_SecLevelRanges_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_SecLevelRanges_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: SecurityFlag

Table Comments: List of security flags which are used as privilege or access flags

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Description
4	Index	smallint			No	0..99 index number for security flag
5	IsAccess	Boolean			No	1 = access control flag
6	IsPrivilege	Boolean			No	1 = privilege group
7	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_SecurityFlag	Primary Key	1	Guid
UQ_SecurityFlag_Name	Unique Key	1	Name

Database Name: P2000EntityConfig

Table Name: SecurityRole

Table Comments: List of security roles which are used either as access or privilege masks

Partitioned: 2 Partitioned

Enterprise: 1 All records

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Description
4	PartitionGuid	ReferenceGuid			No	Partition Reference
5	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
6	IsAccess	Boolean			No	1 = access control flag
7	IsPrivilege	Boolean			No	1 = privilege group
8	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_SecurityRole	Primary Key	1	Guid
UQ_SecurityRole_EnterpriseName	Unique Key	1	Name
IQ_SecurityRole_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_SecurityRole_partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: SecurityRoleSecurityFlag

Table Comments: Table to establish liks between SecurityRole and SecurityFlag (N:N)

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	SecurityRoleGuid	ReferenceGuid			No	Security Role Reference
3	SecurityFlagGuid	ReferenceGuid			No	Security Flag Reference
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_SecurityRoleSecurityFlag	Primary Key	1	Guid
IQ_SecurityRoleSecurityFlag_SecurityFlagGuid	Key	1	SecurityFlagGuid
IQ_SecurityRoleSecurityFlag_SecurityRoleGuid	Key	1	SecurityRoleGuid

Foreign Key	Source Column	Referenced Column
FK_SecurityRoleSecurityFlag_SecurityFlag_SecurityFlagGuid	SecurityFlagGuid	SecurityFlag(Guid)
FK_SecurityRoleSecurityFlag_SecurityRole_SecurityRoleGuid	SecurityRoleGuid	SecurityRole(Guid)

Database Name:

P2000EntityConfig

Table Name:

service_stat

Table Comments:

Status table containing the RTLRoute session information for the this service

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

3 Status Information

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	svrstat_service_id	ReferenceInt			Yes	Service Reference
2	svrstat_session_guid	uniqueidentifier			No	GUID for unique record identification
4	svrstat_guid	PrimaryKey			No	GUID for unique record identification
5	svrstat_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_service_stat	Primary Key	1	svrstat_guid
IQ_service_stat_svrstat_service_id	Key	1	svrstat_service_id

Foreign Key	Source Column	Referenced Column
FK_service_stat_svr_startup_cnfg_svrstat_service_id	svrstat_service_id	svr_startup_cnfg(svr_id)

Database Name: P2000EntityConfig

Table Name: SIADevice

Table Comments: SIA Devices

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise Site
2	Guid	PrimaryKey			No	Record Guid
3	PartitionGuid	ReferenceGuid			No	PartitionGuid
4	IsPublic	Boolean			No	Public
5	IsEnabled	Boolean			No	
6	Name	nchar	32		No	Device Name
7	Port	int			No	Communication Port (Comm)
8	BaudRate	int			No	
9	DataBits	int			No	Data Bits
10	StopBits	int			No	Stop Bits
11	Parity	int			No	Parity
12	Checksum	Signature			No	Digital Signature
13	DisplayAlarm	Boolean			No	Display alarm in alarm monitor

Index	Key Type	Order	Column Name
PK_SIADevice	Primary Key	1	Guid
UQ_SIADevice_EnterpriseSiteGuidName	Unique Key	1 2	EnterpriseSiteGuid Name
IQ_SIADevice_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_SIADevice_EnterpriseSite_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_SIADevice_Partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name: P2000EntityConfig

Table Name: siddnld

Table Comments: Temorary table for queuing messages to be downloaded to legacy controllers

Partitioned: 5 History Information

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	sid_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	sid_dnld_type	smallint			Yes	1 - CK720, 2 - serial panel
3	sid_panel_id	ReferenceInt			Yes	Panel Reference
4	sid_timestamp	datetime			Yes	Date/Time download is scheduled for
5	sid_nak_count	smallint			Yes	Number of NAKs from the panel
6	sid_count	smallint			Yes	data count in bytes
7	sid_data	int		175	Yes	

Index	Key Type	Order	Column Name
PKC_siddnld	Primary Key	1	sid_id
UQ_siddnld_sid_id	Unique Key	1	sid_id
IQ_siddnld_sid_panel_id	Key	1	sid_panel_id

Foreign Key	Source Column	Referenced Column
FK_siddnld_panel_sid_panel_id	sid_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: siddnldpriority

Table Comments: Temorary table for queuing messages to be downloaded to legacy controllers

Partitioned: 5 History Information

Enterprise: 3 None

FDA: 7 System Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	sid_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	sid_dnld_type	smallint			Yes	1 - CK720, 2 - serial panel
3	sid_panel_id	int			Yes	Panel Reference
4	sid_timestamp	datetime			Yes	Date/Time download is scheduled for
5	sid_nak_count	smallint			Yes	Number of NAKs from the panel
6	sid_count	smallint			Yes	data count in bytes
7	sid_data	int		175	Yes	

Index	Key Type	Order	Column Name
PKC_siddnldpriority	Primary Key	1	sid_id
UQ_siddnldpriority_sid_id	Unique Key	1	sid_id

Database Name: P2000EntityConfig

Table Name: site

Table Comments: Table containing configuration parameters applicable for the entire P2000 Enterprise site

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	s_visitor_hrs	smallint			No	default valid hours for visitors
2	s_audit_time	int			Yes	time to keep audit history (in mins)
3	s_alarm_time	int			Yes	time to keep alarm history (in mins)
4	s_xaction_time	int			Yes	time to keep xaction history (in mins)
5	s_comms_server	nchar	255		No	name of comms server computer
6	s_printing	smallint			Yes	1 = real time printing enabled
7	s_printer_name	nchar	255		Yes	name of real time printer
8	s_print_audit	Boolean			Yes	1 = print audit msgs
9	s_print_host	Boolean			Yes	1 = print host msgs
10	s_print_panel	Boolean			Yes	1 = print panel msgs
11	s_print_alarm	Boolean			Yes	1 = print alarm msgs
12	s_print_deny	Boolean			Yes	1 = print deny msgs
13	s_print_grant	Boolean			Yes	1 = print trace msgs
14	s_print_trace	Boolean			Yes	1 = print trace msgs
15	s_backup_device	nchar	64		Yes	name of backup device as configured in SQL Server
16	s_ras_server	nchar	255		Yes	name of rras server computer
17	s_query_string	nchar	64		Yes	query string entered by user
18	s_host_event_priority	smallint			Yes	Priority to use when sending BACnet Host Event alarms and messages
19	s_host_log_priority	smallint			Yes	Priority to use when sending BACnet Host Log alarms and messages
20	s_host_logic_priority	smallint			Yes	Priority to use when sending BACnet Host Logic alarms and messages
21	s_audit_priority	smallint			Yes	Priority to use when sending BACnet Audit alarms and messages
22	s_hardware_priority	smallint			Yes	Priority to use when sending BACnet Hardware alarms and messages
23	s_panel_event_priority	smallint			Yes	Priority to use when sending BACnet Panel Event alarms and messages
24	s_output_priority	smallint			Yes	Priority to use when sending BACnet Output alarms and messages
25	s_grant_priority	smallint			Yes	Priority to use when sending BACnet Grant alarms and messages

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
26	s_deny_priority	smallint			Yes	Priority to use when sending BACnet Deny alarms and messages
27	s_trace_priority	smallint			Yes	Priority to use when sending BACnet Trace alarms and messages
28	s_ta_priority	smallint			Yes	Priority to use when sending BACnet Time and Attendance alarms and messages
29	s_bacnet_ip	char	16		Yes	IP address used for BACnet communications
30	s_bacnet_port	int			Yes	IP port for BACnet communications
31	s_bacnet_network	int			Yes	BACnet network number
32	s_internal_network	int			Yes	BACnet internal network number
33	s_badge_limit	Boolean			Yes	If 1, badge numbers are limited to 1 - 65535, the range for D620
34	s_note_time	int			Yes	time to keep tour notes (in mins)
35	s_floor_no	smallint			Yes	floor number for elevator (1 - 128)
36	s_door_no	smallint			Yes	door number for cabinet (1 - 128)
37	s_queue_for_disabled	smallint			No	Download data will be queued for disabled panels if 1
38	s_print_elevator	Boolean			Yes	1 = print elevator
39	s_print_cabinet	Boolean			Yes	1 = print cabinet
40	s_print_guardtour	Boolean			Yes	1 = print guard tour
41	s_set_pw_char	Boolean			Yes	1 = set pw char displayed
42	s_muster_time	int			No	Time to keep saved muster data in minutes
43	s_print_area	Boolean			Yes	1 = print area
44	s_print_muster	Boolean			Yes	1 = print muster
45	s_redundancy_serial_port	smallint			No	Serial port # to use for redundancy switchover of serial loops: 0 = none
49	s_max_badge_number	int			No	Max Badge Number allowed
50	s_max_badge_issue_level	smallint			No	Max Badge issue level
51	s_max_accgrps_per_badge	smallint			No	Max access groups per badge
52	s_panel_types	int			No	Bitmask of allowed panel types
53	s_max_security_level	smallint			No	Max security issue level
54	s_term_with_tz	Boolean			No	If 1, terminals in access groups can have timezone associated
55	s_timepairs_per_day	smallint			No	Timezone time pairs per day
56	s_timepairs_per_tz	smallint			No	Timezone time pairs per timezone
60	s_site_codes	int		8	No	Allowed Site Codes
68	s_site_code_names	nchar	64	8	Yes	name of Allowed Site Codes
76	s_mis_export_image_folder	varchar			Yes	
77	s_mfg_id	ReferenceInt			Yes	Message Filter Group Reference

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
78	s_alarmstate_local	Boolean			No	alarm state change for local alarm 0=don't accept, 1=accept
79	s_alarmstate_remote	Boolean			No	alarm state change for remote alarm 0=don't accept, 1=accept
80	s_enable_remote_message	Boolean			No	1 = enable remote messages
81	s_max_inactive_days	int			No	max days a badge may be inactive
82	s_return_addr	char	64		Yes	return address for emails
83	s_smtp_server	nchar	64		Yes	smtp server for emails
84	s_ras_name	nchar	32		Yes	name of ras connection for emails
85	s_ras_username	nchar	32		Yes	ras connection username
86	s_ras_password	nchar	32		Yes	ras connection password
87	s_badge_block_xaction	Boolean			No	If 1, badge block transaction check will be displayed
88	s_auth_smtp	Boolean			No	1 = use authenticated SMTP
89	s_fda_records_enabled	Boolean			No	fda record retention / safety policy enabled
90	s_fda_retention_period	smallint			No	record retention period in years
91	s_fda_warning_period	smallint			No	retention violation period in days
92	s_fda_last_backup	datetime			No	date when last backup has been taken
93	s_fda_pwd_enabled	Boolean			No	FDA Rules are applied for password management
94	s_max_invalid_attempt	smallint			No	maximum number of consecutive invalid attempts for a user account (0=unlimited)
95	s_pwd_duration	int			No	password expires after x seconds (0 = not activated)
96	s_pwd_min_length	smallint			No	minimum length for password
97	s_pwd_min_alpha	smallint			No	minimum number of alpha char ('A' ... 'Z', 'a' ... 'z')
98	s_pwd_min_numeric	smallint			No	minimum number of numeric char ('0' ... '9')
99	s_pwd_min_other	smallint			No	minimum number of non-alpha and non-numeric characters
100	s_redn_time	int			No	time to keep redundancy history (in mins)
101	s_exttrig_database	Boolean			No	1 = check database for external event triggers
102	s_exttrig_ip	Boolean			No	1 = check ip port for external event triggers
103	s_exttrig_rs232	Boolean			No	1 = check rs232 for external event triggers
104	s_exttrig_file	Boolean			No	1 = check file for external event triggers
105	s_exttrig_rs232_portnum	smallint			No	RS232 Com Port Number(1: COM1, 2: COM2....)
106	s_exttrig_rs232_baudrate	int			No	RS232 Baudrate
107	s_exttrig_rs232_parity	smallint			No	RS232 Parity (0: Even, 1: Odd, 2: None, 3: Mark, 4: Space)
108	s_exttrig_rs232_stopbits	smallint			No	RS232 Stopbits (0: 1, 1: 1.5, 2: 2)
109	s_exttrig_extfile_filename	nchar	255		Yes	External File check Filename
110	s_exttrig_extfile_scaninterval	int			No	External File scanning interval in seconds

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
111	s_exttrig_extdb_scaninterval	int			No	External DB scanning interval in seconds
112	s_global_soft_inxit	smallint			No	1 = perform global Soft In-X-It tracking
113	s_rms_no_msg_receive	int			No	Alarm Period 'Communication error receiving' (0= no monitoring)
114	s_rms_no_msg_transmit	int			No	Alarm Period 'Communication error transmitting' (0 = no monitoring)
115	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
116	s_guid	PrimaryKey			No	GUID for unique record identification
117	s_checksum	Signature			No	Digital Signature
118	s_print_av	Boolean			Yes	1 = print av messages
119	s_badge_style	smallint			No	0 = Normal
120	s_fascn_agency_default	smallint			No	default value for Agency field for SEIWG badges
121	s_fascn_system_default	smallint			No	default value for System field for SEIWG badges
122	s_fascn_series_default	smallint			No	default value for Series field for SEIWG badges
123	s_request_queue_time	int			No	time to keep request queue history (in mins)
124	s_dnld_badge_undefined	smallint			No	1 = always download badges with entry/exit status of UNDEFINED
125	s_shared_dnld_accgrp	smallint			No	1 = download acc grp when downloading badges in shared mode
126	s_global_inxit_sync	smallint			No	1 = sync badge inxit to all panels
127	s_MCE_IPAddress	IPAddress	16		No	IP Address of the host interface used to send/receive BACnet messages
128	s_MCE_IPMask	IPAddress	16		No	IP Mask of the host interface used to send/receive BACnet messages
129	s_MCE_Network	int			No	MCE network number
130	s_LPF_Executive	smallint			No	Legacy Privilege Flag for 'Executive Privilege' (0 = none)
131	s_MCE_instance	int			No	MCE BACnet OID Instance number
132	s_LPF_Override	smallint			No	Legacy Privilege Flag for 'Override Privilege' (0=none)
133	s_LPF_SpecialAccessA	smallint			No	Legacy Privilege Flag for 'Special Access A' (0= none)
134	s_LPF_SpecialAccessB	smallint			No	Legacy Privilege Flag for 'Special Access B' (0 = none)
135	s_LPF_SpecialAccessC	smallint			No	Legacy Privilege Flag for 'Special Access C' (0 = none)
136	s_MSSQL_Reporting	nchar	127.5		No	Contains the virtual path for the MSSQL Reporting Service
137	s_MCE_EncryptionEnabled	Boolean			No	Defines whether the BACnet communication is encrypted
138	s_MCE_EncryptionKeySize	int			No	References the Enumeration set 'KeySize'
139	s_MCE_EncryptionCipherAlgorithm	int			No	Algorithm used for deciphering the Encryption (references the enumSet 'CipherAlgorithm')
140	s_MCE_EncryptionRenegotiateInterval	int			No	MCE's Encryption Renegotiation Interval (in seconds)
141	s_request_approver_levels	smallint			No	Numvber of approvers for a request (0 - 3)

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
142	s_request_approver_emails	Boolean			No	1 = send email to approvers
143	s_approver_superuser_override	Boolean			No	Super User rules override partitioning rules
144	s_request_expiration_days	smallint			No	number of days that a request is valid
145	s_hello_domain	nchar	64		Yes	domain used in SMTP hello command
145	s_legacy_accgrp_dnld_disable	Boolean			No	
146	s_dnld_delay	smallint			No	
146	s_certificate_authentication_server	nchar	255		Yes	Name of the server issuing certificates for authentication
147	s_print_intrusion	Boolean			No	1 = real time print activated for intrusion messages
148	s_xmlrpc_password_mode	int			No	password decryption mode for XmlRpc methods
149	s_xmlrpc_rsa_key	nchar	32		Yes	RSA decryption key for XmlRpc
150	s_xmlrpc_any_ip	Boolean			No	1 = allow any ip address
151	s_traced_alarm_granted_access	Boolean			No	1 allow alarm generated for granted access
152	s_traced_alarm_denied_access	Boolean			No	1 allow alarm generated for denied access
154	s_ads_name_formatting	nchar	128		Yes	ADS Name Formatting
155	s_ads_path	nchar	250		Yes	ADS Path
156	s_ads_option_bind	int			No	ADS Option 'Bind'
157	s_ads_option_authentication	int			No	ADS Option 'Authenticatooon'
158	s_ads_option_encryption	int			No	ADS Option 'Encryption'

Index	Key Type	Order	Column Name
PK_site	Primary Key	1	s_guid
IQ_site_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_site_s_mfg_id	Key	1	s_mfg_id

Foreign Key	Source Column	Referenced Column
FK_site_msgfiltergroup_s_mfg_id	s_mfg_id	msgfiltergroup(mfg_id)
FK_site_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: SmartDownloadQueue

Table Comments: Smart download queue - contains information for records which need to be downloaded

Partitioned: 6 Internal System

Enterprise: 1 All records

FDA: 5 Temporary Records

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	sdq_priority	smallint			No	SmartDownloadType Priority
2	sdq_type	smallint			No	References enum set 'Download Request Type'
3	sdq_entrytime	datetime			Yes	Date/Time when this request was entered
4	sdq_scheduledtime	datetime			Yes	Earliest Date/Time when this request will be processed
5	sdq_workstation	varchar			Yes	Workstation Name
6	sdq_user_name	varchar			Yes	User Name
7	sdq_status	smallint			No	References enum set 'Download Request Status'
8	sdq_lparam1	int			Yes	Parameter depending on download request type
9	sdq_szparam1	varchar			Yes	Parameter depending on download request type
10	sdq_lparam2	int			Yes	Parameter depending on download request type
11	sdq_szparam2	varchar			Yes	Parameter depending on download request type
12	EnterpriseSiteGuid	ReferenceGuid			Yes	Enterprise site reference
13	sdq_guid	PrimaryKey			No	GUID for unique record identification
14	PanelGuid	ReferenceGuid			Yes	GUID referencing panel for which this download request has been entered
15	ItemGuid	uniqueidentifier			Yes	GUID referencing item associated with this request. Item type is identified by the type of the Download Request
16	ItemId	int			Yes	ID associated with the item to be downloaded

Index	Key Type	Order	Column Name
PK_SmartDownloadQueue	Primary Key	1	sdq_guid
IQ_SmartDownloadQueue_DR_PanelGuid	Key	1	PanelGuid
IQ_SmartDownloadQueue_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_SmartDownloadQueue_ItemGuid	Key	1	ItemGuid

Foreign Key	Source Column	Referenced Column
FK_SmartDownloadQueue_panel_PanelGuid	PanelGuid	panel(p_guid)
FK_SmartDownloadQueue_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: softalarm
Table Comments: Defines soft alarm parameters for legacy panels

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	sa_panel_id	ReferenceInt			Yes	Panel Reference
2	sa_term_index	smallint			Yes	terminal index on which to report panel soft alarms
3	sa_pan_batt_low	Boolean			Yes	1 = panel battery low alarm enabled
4	sa_pan_ac_fail	Boolean			Yes	1 = panel ac fail alarm enabled
5	sa_pan_tamper	Boolean			Yes	1 = panel tamper alarm enabled
6	sa_pan_batt_low_pt	smallint			Yes	input point number for panel battery low alarm
7	sa_pan_ac_fail_pt	smallint			Yes	input point number for panel ac fail alarm
8	sa_pan_tamper_pt	smallint			Yes	input point number for panel tamper alarm
9	sa_pan_batt_low_rel	Boolean			Yes	1 = panel battery low alarm relay enabled (legacy panels only)
10	sa_pan_ac_fail_rel	Boolean			Yes	1 = panel ac fail alarm relay enabled (legacy panels only)
11	sa_pan_tamper_rel	Boolean			Yes	1 = panel tamper alarm relay enabled (legacy panels only)
12	sa_rd_batt_low	Boolean			Yes	1 = terminal battery low alarm enabled
13	sa_rd_ac_fail	Boolean			Yes	1 = terminal ac fail alarm enabled
14	sa_rd_tamper	Boolean			Yes	1 = terminal tamper alarm
15	sa_rd_card_parity	Boolean			Yes	1 = terminal card parity alarm
16	sa_rd_pin_error	Boolean			Yes	1 = terminal pin code error alarm
17	sa_rd_forced_door	Boolean			Yes	1 = terminal forced door alarm
18	sa_rd_duress	Boolean			Yes	1 = terminal duress alarm
19	sa_rd_soft_inxit	Boolean			Yes	1 = terminal soft_inxit alarm
20	sa_rd_batt_low_pt	smallint			Yes	input point number for terminal battery low alarm
21	sa_rd_ac_fail_pt	smallint			Yes	input point number for terminal ac fail alarm
22	sa_rd_tamper_pt	smallint			Yes	input point number for terminal tamper alarm
23	sa_rd_card_parity_pt	smallint			Yes	input point number for terminal card parity alarm
24	sa_rd_pin_error_pt	smallint			Yes	input point number for terminal pin code error alarm
25	sa_rd_forced_door_pt	smallint			Yes	input point number for terminal forced door alarm
26	sa_rd_duress_pt	smallint			Yes	input point number for terminal duress alarm
27	sa_rd_soft_inxit_pt	smallint			Yes	input point number for terminal soft_inxit alarm

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
28	sa_rd_prop_door_pt	smallint			Yes	input point number for terminal propped door alarm
29	sa_rd_batt_low_rel	Boolean			Yes	1 = terminal battery low alarm relay enabled
30	sa_rd_ac_fail_rel	smallint			Yes	1 = terminal ac fail alarm relay enabled
31	sa_rd_tamper_rel	smallint			Yes	1 = terminal tamper relay alarm
32	sa_rd_card_parity_rel	smallint			Yes	1 = terminal card parity relay alarm
33	sa_rd_pin_error_rel	smallint			Yes	1 = terminal pin code error relay alarm
34	sa_rd_forced_door_rel	smallint			Yes	1 = terminal forced door relay alarm
35	sa_rd_durress_rel	smallint			Yes	1 = terminal duress relay alarm
36	sa_rd_cbatt_rel	smallint			Yes	1 = terminal card battery relay alarm
37	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
38	sa_guid	PrimaryKey			No	GUID for unique record identification
39	sa_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_softalarm	Primary Key	1	sa_guid
IQ_softalarm_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_softalarm_sa_panel_id	Key	1	sa_panel_id

Foreign Key	Source Column	Referenced Column
FK_softalarm_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_softalarm_panel_sa_panel_id	sa_panel_id	panel(p_panel_id)

Database Name: P2000EntityConfig

Table Name: station

Table Comments: List of P2000 workstations and their configuration parameters

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	stn_partition	ReferenceInt			Yes	Partition Reference
2	stn_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	stn_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	stn_name	nchar	32		No	Name
5	stn_description	Description	80		Yes	Description for the workstation (eg Location)
6	stn_tz	ReferenceInt			Yes	Timezone Reference
7	stn_enable	Boolean			Yes	1 = station enabled
8	stn_badge_ws	Boolean			Yes	1 = station is a badging station
9	stn_server	Boolean			No	1 = station is a server
10	stn_mfg_id	ReferenceInt			Yes	Message Filter Group Reference
11	stn_alarm_ws	smallint			No	Alarm Monitor (- normal, - auto launch, - always active)
12	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
13	stn_guid	PrimaryKey			No	GUID for unique record identification
14	stn_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_station	Primary Key	1	stn_guid
UQ_Station_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	stn_name
UQ_station_stn_id	Unique Key	1	stn_id
IQ_station_stn_mfg_id	Key	1	stn_mfg_id
IQ_station_stn_partition	Key	1	stn_partition
IQ_station_stn_tz	Key	1	stn_tz

Foreign Key	Source Column	Referenced Column
FK_station_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_station_partition_stn_partition	stn_partition	partition(part_number)
FK_station_msgfiltergroup_stn_mfg_id	stn_mfg_id	msgfiltergroup(mfg_id)
FK_station_timezone_stn_tz	stn_tz	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: station_stat

Table Comments: Table storing the status of each workstations

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	sstat_station_id	ReferenceInt			Yes	Workstation Reference
2	sstat_username	nchar	16		Yes	User Name
3	sstat_logged_in	Boolean			Yes	1 = user logged in
4	sstat_timestamp	datetime			Yes	time user logged in
5	sstat_badging	Boolean			Yes	1 = station is a badging station
6	sstat_station_utctime	datetime			Yes	UTC time workstation last reported itself
7	sstat_session_guid	uniqueidentifier			No	GUID for unique record identification
9	sstat_guid	PrimaryKey			No	GUID for unique record identification
10	sstat_checksum	Signature			No	Digital Signature
11	sstat_name	Name	16		No	Station Name

Index	Key Type	Order	Column Name
PK_station_stat	Primary Key	1	sstat_guid
IQ_station_stat_sstat_name	Key	1	sstat_name
IQ_station_stat_sstat_station_id	Key	1	sstat_station_id

Foreign Key	Source Column	Referenced Column
FK_station_stat_station_sstat_station_id	sstat_station_id	station(stn_id)

Database Name: P2000EntityConfig
Table Name: svr_startup_cnfg
Table Comments: Table defining the service startup parameters

Partitioned: 1 Unpartitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	svr_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	svr_servicename	varchar			No	Service Name
3	svr_servicetitle	varchar			No	Service Title
4	svr_servername	varchar			No	Computer name where service is running
5	svr_enable_flag	smallint			No	Service Enabled
6	svr_iResourceID	smallint			No	Service ID
7	svr_bOption	smallint			No	Service is realted to a P2000 cost option
8	svr_bOptionInstalled	smallint			No	Cost option has been installed
9	svr_blnstalled	smallint			No	Service has been installed
10	svr_bDisabled	smallint			No	Service is disabled
11	svr_bOnClusterMachine	smallint			No	Service is running on cluster machine
12	svr_failurerecovery	smallint			No	ID of failure recovery options
13	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
14	svr_guid	PrimaryKey			No	GUID for unique record identification
15	svr_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_svr_startup_cnfg	Primary Key	1	svr_guid
UQ_svr_startup_cnfg_svr_id	Unique Key	1	svr_id
IQ_svr_startup_cnfg_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid

Foreign Key	Source Column	Referenced Column
FK_svr_startup_cnfg_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig
Table Name: termgrp
Table Comments: List of terminal groups

Partitioned: 2 Partitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	tg_partition	ReferenceInt			No	Partition Reference
2	tg_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	tg_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	tg_name	nchar	40		No	Terminal Group Name
5	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
6	tg_guid	PrimaryKey			No	GUID for unique record identification
7	tg_checksum	Signature			No	Digital Signature
8	tg_IsDSO	Boolean			No	Defines whether this terminal group contains DSO terminals
9	tg_IsACO	Boolean			No	Defines whether this terminal group contains ACO terminals

Index	Key Type	Order	Column Name
PK_termgrp	Primary Key	1	tg_guid
UQ_TermGrp_EnterpriseACOName	Unique Key	1	EnterpriseSiteGuid
		2	tg_IsACO
		3	tg_name
UQ_TermGrp_EnterpriseDSOName	Unique Key	1	EnterpriseSiteGuid
		2	tg_IsDSO
		3	tg_name
UQ_termgrp_tg_id	Unique Key	1	tg_id
IQ_termgrp_tg_partition	Key	1	tg_partition

Foreign Key	Source Column	Referenced Column
FK_termgrp_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_termgrp_partition_tg_partition	tg_partition	partition(part_number)

Database Name: P2000EntityConfig

Table Name: termgrpterm

Table Comments: Table to identify which terminals are in a particular terminal group

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	tgt_tg_id	ReferenceInt			No	Terminal Group Reference
2	tgt_term_id	ReferenceInt			No	Terminal Reference
4	tgt_guid	PrimaryKey			No	GUID for unique record identification
5	tgt_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_termgrpterm	Primary Key	1	tgt_guid
IQ_termgrpterm_tgt_term_id	Key	1	tgt_term_id
IQ_termgrpterm_tgt_tg_id	Key	1	tgt_tg_id

Foreign Key	Source Column	Referenced Column
FK_termgrpterm_terminal_tgt_term_id	tgt_term_id	terminal(tp_term_id)
FK_termgrpterm_termgrp_tgt_tg_id	tgt_tg_id	termgrp(tg_id)

Database Name: P2000EntityConfig

Table Name: terminal

Table Comments: List of access control terminals (ACO and/or DSO)

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tp_partition	ReferenceInt			No	Partition Reference
2	tp_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	tp_term_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	tp_panel_id	ReferenceInt			Yes	Panel Reference
5	tp_term_name	varchar			No	Terminal Name
6	tp_trunk	smallint			No	Trunk number for this terminal
7	tp_term_index	int			No	Terminal Index
8	tp_term_type	smallint			No	terminal type
12	tp_anti_passback	Boolean			No	1 = anti-passback enabled
13	tp_pin_enable_flag	Boolean			No	pin pad enable/disable
15	tp_rd_override	Boolean			No	1 = reader override enabled
16	tp_term_tz	ReferenceInt			Yes	Timezone Reference
17	tp_override_tz	ReferenceInt			Yes	Timezone Reference
18	tp_pin_enable_tz	ReferenceInt			Yes	Timezone Reference
19	tp_access_time	smallint			No	access time in secs (0-25)
20	tp_shunt_time	smallint			No	shunt time in secs (0-255)
21	tp_anti_pb_time	smallint			No	anti-passback time in mins (0-60)
22	tp_access_modes	smallint			No	access mode (0 = local, 1 = central, 2 = shared)
25	tp_rd_timed_ovr	Boolean			No	1 = cardholder override enabled
27	tp_soft_inxit	Boolean			No	1 = soft entry/exit enabled
38	tp_ntr_xit_time	smallint			No	entry/exit time in secs (0-255)
40	tp_reader_flag	Boolean			No	1 = terminal is a reader terminal
41	tp_input_flag	Boolean			No	1 = terminal is an input terminal
42	tp_output_flag	Boolean			No	1 = terminal is an output terminal
43	tp_enb_dis	Boolean			No	1 = terminal is enabled
44	tp_manual_rdr	Boolean			No	1 = valid and unauthorized enabled
72	tp_strike_stat_enb	Boolean			Yes	1 = door strike messages enabled

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
73	tp_output_stat_enb	Boolean			Yes	1 = output status messages enabled
89	tp_query_string	nchar	64		Yes	Query String
90	tp_interlock_enable	smallint			No	1 = allow action interlocks for this terminal
97	tp_pin_disable_tz	ReferenceInt			Yes	Timezone Reference
98	tp_model	smallint			No	terminal Model
99	tp_cmd_seclevel	smallint			No	0 = not used. Last commanded security level value
100	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
101	tp_guid	PrimaryKey			No	GUID for unique record identification
102	tp_checksum	Signature			No	Digital Signature
103	tp_IsDSO	Boolean			No	Identifies whether this terminal is a DSO terminal
104	tp_IsACO	Boolean			No	Identifies whether this terminal is an ACO terminal

Index	Key Type	Order	Column Name
PK_terminal	Primary Key	1	tp_guid
UQ_Terminal_EnterpriseACOName	Unique Key	1	EnterpriseSiteGuid
		2	tp_IsACO
		3	tp_term_name
UQ_Terminal_EnterpriseDSOName	Unique Key	1	EnterpriseSiteGuid
		2	tp_IsDSO
		3	tp_term_name
UQ_terminal_panel_id_turnk_index	Unique Key	1	tp_panel_id
		2	tp_trunk
		3	tp_term_index
UQ_terminal_tp_term_id	Unique Key	1	tp_term_id
IQ_terminal_tp_override_tz	Key	1	tp_override_tz
IQ_terminal_tp_panel_id	Key	1	tp_panel_id
IQ_terminal_tp_partition	Key	1	tp_partition
IQ_terminal_tp_pin_disable_tz	Key	1	tp_pin_disable_tz
IQ_terminal_tp_pin_enable_tz	Key	1	tp_pin_enable_tz
IQ_terminal_tp_term_tz	Key	1	tp_term_tz

Foreign Key	Source Column	Referenced Column
FK_terminal_timezone_tp_term_tz	tp_term_tz	timezone(tz_id)
FK_terminal_partition_tp_partition	tp_partition	partition(part_number)
FK_terminal_panel_tp_panel_id	tp_panel_id	panel(p_panel_id)
FK_terminal_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_terminal_timezone_tp_override_tz	tp_override_tz	timezone(tz_id)
FK_terminal_timezone_tp_pin_disable_tz	tp_pin_disable_tz	timezone(tz_id)
FK_terminal_timezone_tp_pin_enable_tz	tp_pin_enable_tz	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: terminal_ck

Table Comments: Table to store CK7xx and legacy specific configuration parameters

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tp_id	ReferenceInt			No	Terminal Reference
2	tp_alarm_shunt	Boolean			Yes	1 = alarm shunt for aux access enabled
3	tp_anti_tailgate	Boolean			Yes	1 = anti-tailgate enabled
4	tp_fac_code_access	Boolean			Yes	1 = facility code only access enabled
5	tp_moment_access	Boolean			Yes	1 = momentary aux access enabled
6	tp_stand_alone_pin	Boolean			Yes	1 = pin required when offline enabled
7	tp_deny_access	smallint			Yes	(legacy panels only)
8	tp_search_card	smallint			Yes	(legacy panels only)
9	tp_pin_after_badge	smallint			Yes	1 = allow pin after badge enabled
10	tp_warn_time	smallint			Yes	cardholder override time in mins (0-10)
11	tp_warn_op_grp	int			Yes	cardholder override time in mins (0-10)
12	tp_link1_output1	smallint			Yes	(reserved for D620 I/O linking)
13	tp_link2_output2	smallint			Yes	(reserved for D620 I/O linking)
14	tp_link3_output3	smallint			Yes	(reserved for D620 I/O linking)
15	tp_link4_output4	smallint			Yes	(reserved for D620 I/O linking)
16	tp_io_linking	smallint			Yes	(reserved for D620 I/O linking)
17	tp_alm_relay_mode	smallint			Yes	(reserved for legacy panels)
18	tp_alm_rlay_to_act	smallint			Yes	(reserved for legacy panels)
19	tp_key_switch_mode	smallint			Yes	(reserved for legacy panels)
20	tp_fail_mode	Boolean			Yes	1 = fail secure enabled (legacy panels only)
21	tp_fac_code	int		12	Yes	facility code
33	tp_fac_mask	int		12	Yes	facility code card type
45	tp_alarm_debounce	smallint			Yes	alarm debounce time in msec (20-80)
46	tp_reverse	Boolean			Yes	1 = reverse reading enabled
47	tp_reverse_duress	Boolean			Yes	1 = reverse swipe duress enabled
48	tp_card_wiegand	Boolean			Yes	1 = wiegand cards enabled
49	tp_card_encrypted	Boolean			Yes	1 = ncrypt cards enabled

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
50	tp_card_magstripe	Boolean			Yes	1 = mag stripe cards enabled
51	tp_card_binary	Boolean			Yes	1 = binary BaFe cards enabled
52	tp_card_binary_par	Boolean			Yes	1 = binary BaFe parity cards enabled
53	tp_card_pin	Boolean			Yes	1 = pin code enabled
54	tp_card_id	Boolean			Yes	1 = badge id enabled
55	tp_card_pin_id	Boolean			Yes	1 = pin code and badge id enabled
56	tp_card_bcd	Boolean			Yes	1 = BCD BaFe cards enabled
57	tp_card_bcd_par	Boolean			Yes	1 = BCD BaFe parity cards enabled
58	tp_card_prox	Boolean			Yes	1 = Eyecam, Prox, Indala cards enabled
59	tp_card_sensor_fwd	Boolean			Yes	1 = 26 bit sensor forward cards enabled
60	tp_card_sensor_rev	Boolean			Yes	1 = 26 bit sensor reverse cards enabled
61	tp_card_motorola	Boolean			Yes	1 = 32 bit Motorola cards enabled
62	tp_card_custom	Boolean			Yes	1 = custom cards enabled
63	tp_floor_sel_to	smallint			Yes	D600E floor select timeout (0 - 25 sec)
64	tp_floor_acc_tmr	smallint			Yes	D600E floor access timer
65	tp_card_type	smallint			Yes	Reader card type (non CK720 panels)
66	tp_grant_on_open_only	smallint			No	Send access grant message only if door is opened (v2.0 and higher)
67	tp_door_open_warn_time	smallint			No	Door open pre-warning time in seconds (0-255)
68	tp_door_open_warn_output_group	int			No	output group ID for door open pre-warning
70	tp_air_crew_pin	smallint			Yes	D600-AP air crew pin P flag in prot-b dnld spec.
71	tp_relock_on_open	Boolean			Yes	1 = relock on door open enabled
72	tp_timed_shunt	Boolean			Yes	1 = timed shunt, 0 = timed override
73	tp_star_feature	Boolean			Yes	1 = star feature enabled
74	tp_override_time	smallint			No	override time with units min.
75	tp_assisted_access	smallint			Yes	2 = always, 1 = assisted A, 0 = never
76	tp_assisted_access_time	smallint			Yes	assisted time with units sec, range 0-120
77	tp_ada_relay_connector	smallint			Yes	2 = green, 1 = shunt, 0 = none
78	tp_ada_relay_time	smallint			Yes	ada relay time with units sec, range 0-120
79	tp_ada_relay_delay	smallint			Yes	ada relay delay time with units 100ms, range 0-3000
80	tp_pin_plus_1_duress	Boolean			Yes	1 = pin plus 1 feature enabled
81	tp_card_ccmag_stripe	Boolean			Yes	1 = CCMAG stripe enabled
82	tp_card_27_apd	tinyint			Yes	1 = 27 bit APD enabled
83	tp_card_hid_corp_1000	tinyint			Yes	1 = hid corporate 1000 enabled
84	tp_card_custom	tinyint		8	Yes	1 = custom format enabled

Field	Column Name	Type	Length	Occurences	Nullable	Comment
92	tp_shunt_unit	tinyint			Yes	Used by D600AP with extened shunt enabled. 1 = Minute, 0 = Seconds
93	tp_nman_people	int			No	
94	tp_nman_period	int			No	
95	tp_ovrd_thrshld	int			No	
97	tp_guid	PrimaryKey			No	GUID for unique record identification
98	tp_checksum	Signature			No	Digital Signature
99	tp_shunt_warn_auto_off	smallint			No	
100	tp_warn_auto_off	smallint			No	
101	tp_no_green_on_aux	smallint			No	
102	tp_bqt_lcd_reader	smallint			No	
103	tp_deny_if_door_open	smallint			No	
104	tp_visitor_escort_mode	smallint			No	

Index	Key Type	Order	Column Name
PK_terminal_ck	Primary Key	1	tp_guid
IQ_terminal_ck_tp_id	Key	1	tp_id

Foreign Key	Source Column	Referenced Column
FK_terminal_ck_terminal_tp_id	tp_id	terminal(tp_term_id)

Database Name: P2000EntityConfig

Table Name: terminal_p900

Table Comments: Table to store P900 specific configuration parameters

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tpp_id	ReferenceInt			No	Panel Reference
2	tpp_sys_addr	char	8		Yes	address
3	tpp_reader_interface_num	smallint			Yes	reader interface number
4	tpp_door_relay_type	smallint			Yes	door relay time type
5	tpp_door_control	Boolean			Yes	door control 0: disable 1: enable
6	tpp_egress	smallint			Yes	egress 0: disable 1: enable 2: report
7	tpp_door_monitor_enable	Boolean			Yes	door monitoring enable, 0: disable 1: enable
8	tpp_door_forced_alarm	Boolean			Yes	door forced alarm, 0: disable 1: enable
9	tpp_door_forced_warning	Boolean			Yes	door forced warning, 0: disable 1: enable
10	tpp_door_open_alarm	Boolean			Yes	door open alarm, 0: disable 1: enable
11	tpp_door_open_alarm_delay	smallint			Yes	door open alarm delay 1-255(second)
12	tpp_door_open_warning	Boolean			Yes	door open warning, 0: disable 1: enable
13	tpp_door_open_warning_delay	smallint			Yes	door open warning delay 1-255(second)
14	tpp_global_apb_status	smallint			Yes	global anti-passback status 0: disable 1: entry based 2: exit based 3: Shunt
15	tpp_local_apb_status	smallint			Yes	local anti-passback status 0: disable 1: in reader 2: out reader
16	tpp_enter_zone	int			Yes	entering zone
17	tpp_exit_zone	int			Yes	exiting zone
18	tpp_shunt_terminal	ReferenceInt			Yes	Terminal Reference
19	tpp_timestamp	datetime			Yes	time stamp
20	tpp_time_record	smallint			Yes	time record mode
21	tpp_pinpad_mode	smallint			Yes	pin pad mode 0: disable 1: type #1 2: type #2 3: type #3
22	tpp_aux_input_tamper	Boolean			Yes	aux input tamper 0: disable 1: enable
23	tpp_aux_input_monitor	Boolean			Yes	aux input Monitor 0: disable 1: enable
24	tpp_aux_input_disable_timezone	ReferenceInt			Yes	aux input disable time zone
25	tpp_aux_input_desp	nchar	64		Yes	aux input description

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
26	tpp_aux_output_control	Boolean			Yes	aux output control 0: disable 1: enable
27	tpp_aux_op_under_pin	Boolean			Yes	aux output under pin 0: disable 1: enable
28	tpp_aux_output_ctl_pin	char	4		Yes	aux output control pin number
29	tpp_pin_check	Boolean			Yes	under pin control or not
30	tpp_tz_check	Boolean			Yes	using tz or not
31	tpp_aux_output_tz	int			Yes	aux output time zone
32	tpp_aux_output_desp	char	64		Yes	aux output description
33	tpp_trace_mode	smallint			Yes	transaction trace mode 1: trace 2: seleted
34	tpp_tamper_monitoring_door	Boolean			No	tamper monitoring of door contact or not
35	tpp_tamper_monitoring_egress	Boolean			No	tamper monitoring of egress contact or not
36	tpp_clic_pin	char	4		Yes	clic pin number
37	tpp_swipe_pin	smallint			No	swipe pin data entry or not
38	tpp_selected	Boolean			No	selected or not
40	tpp_guid	PrimaryKey			No	GUID for unique record identification
41	tpp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_terminal_p900	Primary Key	1	tpp_guid
IQ_terminal_p900_tpp_aux_input_disable_tz	Key	1	tpp_aux_input_disable_tz
IQ_terminal_p900_tpp_id	Key	1	tpp_id
IQ_terminal_p900_tpp_shunt_terminal	Key	1	tpp_shunt_terminal

Foreign Key	Source Column	Referenced Column
FK_terminal_p900_terminal_tpp_shunt_terminal	tpp_shunt_terminal	terminal(tp_term_id)
FK_terminal_p900_panel_tpp_id	tpp_id	panel(p_panel_id)
FK_terminal_p900_timezone_tpp_aux_input_disable_tz	tpp_aux_input_disable_tz	timezone(tz_id)

Database Name: P2000EntityConfig

Table Name: terminalstatus

Table Comments: Table to store current status of the terminal

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ts_term_id	ReferenceInt			No	Terminal Reference
2	ts_rdr_status	smallint			Yes	current reader status 0-2 (set by comms)
3	ts_rdr_timestamp	datetime			Yes	current reader status time (set by comms)
4	ts_in_status	smallint			Yes	current input status time (set by comms)
5	ts_in_timestamp	datetime			Yes	current input status time (set by comms)
6	ts_out_status	smallint			Yes	current output status 0-2 (set by comms)
7	ts_out_timestamp	datetime			Yes	current output status time (set by comms)
8	ts_read_seclevel	smallint			No	last read security level value
10	ts_guid	PrimaryKey			No	GUID for unique record identification
11	ts_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_terminalstatus	Primary Key	1	ts_guid
IQ_terminalstatus_ts_term_id	Key	1	ts_term_id

Foreign Key	Source Column	Referenced Column
FK_terminalstatus_terminal_ts_term_id	ts_term_id	terminal(tp_term_id)

Database Name: P2000EntityConfig

Table Name: timezone

Table Comments: List of time zone (enterprise or site related), which are known in the P2000 system

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tz_partition	ReferenceInt			No	Partition Reference
2	tz_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	tz_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	tz_name	nchar	32		No	Name
5	tz_init_stat	smallint		10	No	1 = active, 0 = inactive
15	tz_times	datetime		10	19	minutes since midnight
205	EnterpriseSiteGuid	ReferenceGuid			Yes	Enterprise site reference
206	tz_guid	PrimaryKey			No	GUID for unique record identification
207	tz_checksum	Signature			No	Digital Signature
208	tz_enable	Boolean			No	1 = enabled

Index	Key Type	Order	Column Name
PK_timezone	Primary Key	1	tz_guid
UQ_timezone_EnterpriseSiteGuidtz_name	Unique Key	1	tz_name
UQ_timezone_EnterpriseSiteGuidtz_name	Unique Key	1	EnterpriseSiteGuid
UQ_timezone_tz_id	Unique Key	1	tz_id
IQ_timezone_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_timezone_tz_partition	Key	1	tz_partition

Foreign Key	Source Column	Referenced Column
FK_timezone_partition_tz_partition	tz_partition	partition(part_number)
FK_timezone_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)

Database Name: P2000EntityConfig

Table Name: tour_configuration

Table Comments: Table defining the P2000 Guard Tour and their general parameters

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	tc_partition	ReferenceInt			No	Partition Reference
2	tc_public	Boolean			Yes	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
3	tc_tour_id	IDENTITY			No	Unique Identification of the record within the Enterprise
4	tc_tour_name	nchar	32		No	Guard Tour Name
5	tc_description	nchar	64		Yes	Description
6	tc_type	smallint			No	Reference enum set 'Guard Tour Type'
7	tc_priority	smallint			No	Priority
8	tc_time_zone	int			Yes	assigned timezone
9	tc_time_zone_name	nchar	32		Yes	Timezone Name
10	tc_start_time	datetime			Yes	defined start time
11	tc_abort_run_time	int			Yes	abort time or run time for Random tours
12	tc_alarm_priority	int			Yes	alarm priority
13	tc_tour_guard1	ReferenceGuid			Yes	selected guard
14	tc_tour_guard1_name	nchar	32		Yes	Name of Guard 3
15	tc_guard_badge_id1	ReferenceGuid			Yes	badge id
16	tc_tour_guard2	ReferenceGuid			Yes	selected guard
17	tc_tour_guard2_name	nchar	32		Yes	Name of Guard 2
18	tc_guard_badge_id2	ReferenceGuid			Yes	badge id
19	tc_tour_guard3	ReferenceGuid			Yes	selected guard
20	tc_tour_guard3_name	nchar	32		Yes	Name of Guard 1
21	tc_guard_badge_id3	ReferenceGuid			Yes	badge id
22	tc_alarm_late	Boolean			Yes	set alarm if tour is late
23	tc_auto_duress_alarm	Boolean			Yes	generate duress alarm if three check-ins at the same station in one minute
24	tc_log_oper_action	Boolean			Yes	log User actions
25	tc_log_tour_oper	Boolean			Yes	log tour operations
26	tc_any_guard	Boolean			Yes	whether any guard can run this tour
27	tc_manual_reset	Boolean			Yes	whether manual reset

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
28	tc_alarm_skip	Boolean			Yes	set alarm if station is skipped
29	tc_popup_on_late_alarm	smallint			No	0 = do not pop up, 1 = pop up on alarm, 2 = pop up on secure, 3 = pop up on both
30	tc_popup_on_out_of_seq_alarm	smallint			No	0 = do not pop up, 1 = pop up on alarm, 2 = pop up on secure, 3 = pop up on both
31	tc_popup_on_duress_alarm	smallint			No	0 = do not pop up, 1 = pop up on alarm, 2 = pop up on secure, 3 = pop up on both
32	tc_late_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
33	tc_late_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
34	tc_out_of_seq_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
35	tc_out_of_seq_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
36	tc_duress_alarm_text_set_id	ReferenceInt			Yes	Alarm Instruction Text Reference
37	tc_duress_alarm_text_sec_id	ReferenceInt			Yes	Alarm Instruction Text Reference
38	tc_grant_only	Boolean			Yes	take grant messages only or not
39	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
40	tc_guid	PrimaryKey			No	GUID for unique record identification
41	tc_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_tour_configuration	Primary Key	1	tc_guid
UQ_tour_configuration_tc_tour_id	Unique Key	1	tc_tour_id
UQ_TourConfiguration_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	tc_tour_name
IQ_tour_configuration_Identifier_tc_tour_guard_badge_id1	Key	1	tc_guard_badge_id1
IQ_tour_configuration_Identifier_tc_tour_guard_badge_id2	Key	1	tc_guard_badge_id2
IQ_tour_configuration_Identifier_tc_tour_guard_badge_id3	Key	1	tc_guard_badge_id3
IQ_tour_configuration_tc_duress_alarm_text_sec_id	Key	1	tc_duress_alarm_text_sec_id
IQ_tour_configuration_tc_duress_alarm_text_set_id	Key	1	tc_duress_alarm_text_set_id
IQ_tour_configuration_tc_late_alarm_text_sec_id	Key	1	tc_late_alarm_text_sec_id
IQ_tour_configuration_tc_late_alarm_text_set_id	Key	1	tc_late_alarm_text_set_id
IQ_tour_configuration_tc_out_of_seq_alarm_text_sec_id	Key	1	tc_out_of_seq_alarm_text_sec_id
IQ_tour_configuration_tc_out_of_seq_alarm_text_set_id	Key	1	tc_out_of_seq_alarm_text_set_id
IQ_tour_configuration_tc_partition	Key	1	tc_partition
IQ_tour_configuration_tc_tour_guard1	Key	1	tc_tour_guard1
IQ_tour_configuration_tc_tour_guard2	Key	1	tc_tour_guard2
IQ_tour_configuration_tc_tour_guard3	Key	1	tc_tour_guard3

Foreign Key	Source Column	Referenced Column
FK_tour_configuration_Entity_tc_tour_guard1	tc_tour_guard1	Entity(Guid)
FK_tour_configuration_identifier_tc_tour_guard_badge_id1_guid	tc_guard_badge_id1	Identifier(Guid)
FK_tour_configuration_Entity_tc_tour_guard2	tc_tour_guard2	Entity(Guid)
FK_tour_configuration_alrminst_tc_duress_alarm_text_sec_id	tc_duress_alarm_text_sec_id	alrminst(ai_id)
FK_tour_configuration_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_tour_configuration_alrminst_tc_out_of_seq_alarm_text_sec_id	tc_out_of_seq_alarm_text_sec_id	alrminst(ai_id)
FK_tour_configuration_partition_tc_partition	tc_partition	partition(part_number)
FK_tour_configuration_Entity_tc_tour_guard3	tc_tour_guard3	Entity(Guid)
FK_tour_configuration_alrminst_tc_duress_alarm_text_set_id	tc_duress_alarm_text_set_id	alrminst(ai_id)
FK_tour_configuration_identifier_tc_tour_guard_badge_id3_guid	tc_guard_badge_id3	Identifier(Guid)
FK_tour_configuration_alrminst_tc_late_alarm_text_sec_id	tc_late_alarm_text_sec_id	alrminst(ai_id)
FK_tour_configuration_identifier_tc_tour_guard_badge_id2_guid	tc_guard_badge_id2	Identifier(Guid)
FK_tour_configuration_alrminst_tc_late_alarm_text_set_id	tc_late_alarm_text_set_id	alrminst(ai_id)
FK_tour_configuration_alrminst_tc_out_of_seq_alarm_text_set_id	tc_out_of_seq_alarm_text_set_id	alrminst(ai_id)

Database Name: P2000History

Table Name: tour_note

Table Comments: Notes made by user while guard tour is running

Partitioned: 5 History Information

Enterprise: 2 Sub-set

FDA: 4 History

Field	Column Name	Type	Length	Occurences	Nullable	Comment
2	tn_tour_name	nchar	32		Yes	Tour Name
3	tn_text	char	255		Yes	Tour Text
4	tn_username	nchar	33		Yes	User Name
5	tn_timestamp	datetime			Yes	Date/Time when note was entered
6	site_name	nchar	32		No	Enterprise site name
7	tn_guid	PrimaryKey			No	GUID for unique record identification
8	tn_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_tour_note	Primary Key	1	tn_guid
IQ_tour_note_site_name	Key	1	site_name
IQ_tour_note_tn_timestamp	Key	1	tn_timestamp
IQ_tour_note_tn_tour_name	Key	1	tn_tour_name

Database Name: P2000EntityConfig

Table Name: tour_station_configuration

Table Comments: Table defining the different station a guard should visit during a guard tour

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tsc_tour_id	ReferenceInt			No	Tour Reference
2	tsc_sequence_num	int			No	Sequence Number
3	tsc_station_name	nchar	32		No	Tour Station Name
4	tsc_description	nchar	64		Yes	Description
5	tsc_type	smallint			No	station type. 0-Input, 1-Reader
6	tsc_device_id	int			Yes	the input or terminal id this station is assigned
7	tsc_device_name	nchar	32		Yes	
8	tsc_server_type	smallint			Yes	server type
9	tsc_server_id	char	32		Yes	server id
10	tsc_next_min_timer	int			Yes	the min time to reach this station forwardly
11	tsc_next_max_timer	int			Yes	the max time to reach this station forwardly
12	tsc_prev_min_timer	int			Yes	the min time to reach this station backwardly
13	tsc_prev_max_timer	int			Yes	the max time to reach this station backwardly
14	tsc_input_object_id	int			Yes	the suppress input id
15	tsc_input_object_name	nchar	32		Yes	the suppress input name
16	tsc_input_object_type	smallint			Yes	the suppress type. 0-input point, 1-input group
17	tsc_input_object_attr	smallint			Yes	the suppress input attribute
18	tsc_output_object_id1	int			Yes	the shunt output name
19	tsc_output_object_name1	nchar	32		Yes	the shunt type. 0-output point, 1-output group
20	tsc_output_object_type1	smallint			Yes	the shunt output attribute
21	tsc_output_object_attr1	smallint			Yes	the shunt output value
22	tsc_output_object_value1	int			Yes	the shunt output name
23	tsc_output_object_id2	int			Yes	the shunt type. 0-output point, 1-output group
24	tsc_output_object_name2	nchar	32		Yes	the shunt output attribute
25	tsc_output_object_type2	smallint			Yes	the shunt output value
26	tsc_output_object_attr2	smallint			Yes	the shunt output name

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
27	tsc_output_object_value2	int			Yes	the shunt type. 0-output point, 1-output group
28	tsc_output_object_id3	int			Yes	the shunt output attribute
29	tsc_output_object_name3	nchar	32		Yes	the shunt output value
30	tsc_output_object_type3	smallint			Yes	the shunt output name
31	tsc_output_object_attr3	smallint			Yes	the shunt type. 0-output point, 1-output group
32	tsc_output_object_value3	int			Yes	the shunt output attribute
33	tsc_output_object_id4	int			Yes	the shunt output value
34	tsc_output_object_name4	nchar	32		Yes	the shunt output name
35	tsc_output_object_type4	smallint			Yes	the shunt type. 0-output point, 1-output group
36	tsc_output_object_attr4	smallint			Yes	the shunt output attribute
37	tsc_output_object_value4	int			Yes	the shunt output value
38	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
39	tsc_guid	PrimaryKey			No	GUID for unique record identification
40	tsc_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_tour_station_configuration	Primary Key	1	tsc_guid
UQ_TourStation_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	tsc_station_name
IQ_tour_station_configuration_tsc_tour_id	Key	1	tsc_tour_id

Foreign Key	Source Column	Referenced Column
FK_tour_station_configuration_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_tour_station_configuration_tour_configuration_tsc_tour_id	tsc_tour_id	tour_configuration(tc_tour_id)

Database Name: P2000EntityConfig

Table Name: tour_status

Table Comments: Table to store the current status of each guard tour

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 3 Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	ts_tour_id	ReferenceInt			No	Tour Reference
2	ts_tour_status	smallint			No	tour status
3	ts_start_time	datetime			Yes	start time
4	ts_direction	smallint			No	direction of the running tour, 0 - forward, 1 - reverse, 2 - random
5	ts_last_station	int			Yes	last check-in station
6	ts_last_station_time	datetime			Yes	last check-in time
7	ts_remain_time	int			Yes	the remaining time to reach the next station
8	ts_guard_name	nchar	52		Yes	guard name
9	ts_guard_badge_id	char	32		Yes	guard badge id
10	ts_starting_station	int			Yes	start station
11	ts_last_status	smallint			Yes	the previous tour status
12	ts_alarm_station	int			Yes	the alarmed station
13	ts_operator	nchar	32		Yes	the User who makes the action
15	ts_guid	PrimaryKey			No	GUID for unique record identification
16	ts_checksum	Signature			No	Digital Signature
17	ts_facilitycode	int			Yes	
18	ts_IdentifierGuid	ReferenceGuid			Yes	

Index	Key Type	Order	Column Name
PK_tour_status	Primary Key	1	ts_guid
IQ_tour_status_ts_tour_id	Key	1	ts_tour_id

Foreign Key	Source Column	Referenced Column
FK_tour_status_tour_configuration_ts_tour_id	ts_tour_id	tour_configuration(tc_tour_id)

Database Name: P2000EntityConfig

Table Name: trigger_event_p900

Table Comments: P900 specific configuration parameters for P900 event and trigger links

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tep_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	tep_name	varchar			Yes	Name
3	tep_number	smallint			Yes	trigger event number
4	tep_status	smallint			No	trigger event status
5	tep_selected	smallint			Yes	trigger event selected or not
6	tep_source_type	int			Yes	source event type
7	tep_source_id	int			Yes	source event terminal ID
8	tep_source_para1	int			Yes	source event site code
9	tep_source_para2	int			Yes	source event access level
10	tep_source_para3	int			Yes	source event card number
11	tep_source_flag1	ReferenceInt			Yes	P900 Flag Reference
12	tep_source_flag1_state	smallint			Yes	state of source event flag #1
13	tep_source_flag2	int			Yes	P900 Flag Reference
14	tep_source_flag2_state	smallint			Yes	state of source event flag #2
15	tep_source_counter	ReferenceInt			Yes	P900 Counter Reference
16	tep_source_counter_state	smallint			Yes	counter trigger condition
17	tep_source_counter_value	int			Yes	counter current value
18	tep_time_zone	ReferenceInt			Yes	Time Zone Reference
19	tep_time_zone_state	smallint			Yes	time zone enable/disable
20	tep_input_action	int			Yes	input action
21	tep_input_id	ReferenceInt			Yes	Input Point Reference
22	tep_input_group_id	ReferenceInt			Yes	Input Group Reference
23	tep_output_action	int			Yes	output action
24	tep_output_id	ReferenceInt			Yes	Output Point Reference
25	tep_output_group_id	ReferenceInt			Yes	Output Group Reference
26	tep_output_flag1	ReferenceInt			Yes	P900 Flag Reference
27	tep_output_flag1_state	smallint			Yes	state of output flag1

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
28	tep_output_flag2	ReferenceInt			Yes	P900 Flag Reference
29	tep_output_flag2_state	smallint			Yes	state of output flag2
30	tep_output_counter	ReferenceInt			Yes	P900 Counter Reference
31	tep_output_counter_state	smallint			Yes	state of output counter
32	tep_output_counter_value	int			Yes	value of output counter
33	tep_input_sp_value	int			Yes	shunt period value
34	tep_output_pp_value	int			Yes	pulse period value
35	tep_report_priority	smallint			Yes	priority of report message
36	tep_terminal_id_for_card_number	ReferenceInt			Yes	terminal ID for report card number
37	tep_force_reconfig	smallint			Yes	1- force 0- no force
38	tep_action1	ReferenceInt			Yes	Alarm Instruction Text Reference, automatic alarm action
39	tep_query_string	nchar	64		Yes	Query String
40	tep_partition	ReferenceInt			No	Partition Reference
41	tep_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
42	tep_panel_id	ReferenceInt			No	Panel Reference
43	tep_alarm_popup	smallint			Yes	alarm instruction pop up, 1: yes, 0: No
44	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
45	tep_guid	PrimaryKey			No	GUID for unique record identification
46	tep_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_trigger_event_p900	Primary Key	1	tep_guid
UQ_trigger_event_p900_tep_id	Unique Key	1	tep_id
UQ_TriggerEventP900_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	tep_name
IQ_trigger_event_p900_tep_action1	Key	1	tep_action1
IQ_trigger_event_p900_tep_input_group_id	Key	1	tep_input_group_id
IQ_trigger_event_p900_tep_input_id	Key	1	tep_input_id
IQ_trigger_event_p900_tep_output_counter	Key	1	tep_output_counter
IQ_trigger_event_p900_tep_output_flag1	Key	1	tep_output_flag1
IQ_trigger_event_p900_tep_output_flag2	Key	1	tep_output_flag2
IQ_trigger_event_p900_tep_output_group_id	Key	1	tep_output_group_id
IQ_trigger_event_p900_tep_output_id	Key	1	tep_output_id
IQ_trigger_event_p900_tep_panel_id	Key	1	tep_panel_id
IQ_trigger_event_p900_tep_partition	Key	1	tep_partition
IQ_trigger_event_p900_tep_source_counter	Key	1	tep_source_counter
IQ_trigger_event_p900_tep_source_flag1	Key	1	tep_source_flag1
IQ_trigger_event_p900_tep_terminal_id_for_card_number	Key	1	tep_terminal_id_for_card_number
IQ_trigger_event_p900_tep_time_zone	Key	1	tep_time_zone

Foreign Key	Source Column	Referenced Column
FK_trigger_event_p900_timezone_tep_time_zone	tep_time_zone	timezone(tz_id)
FK_trigger_event_p900_counter_p900_tep_output_counter	tep_output_counter	counter_p900(cp_id)
FK_trigger_event_p900_alrmnst_tep_action1	tep_action1	alrmnst(ai_id)
FK_trigger_event_p900_partition_tep_partition	tep_partition	partition(part_number)
FK_trigger_event_p900_terminal_tep_terminal_id_for_card_number	tep_terminal_id_for_card_number	terminal(tp_term_id)
FK_trigger_event_p900_counter_p900_tep_source_counter	tep_source_counter	counter_p900(cp_id)
FK_trigger_event_p900_output_tep_output_id	tep_output_id	output(op_output_id)
FK_trigger_event_p900_flag_p900_tep_output_flag1	tep_output_flag1	flag_p900(flp_id)
FK_trigger_event_p900_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_trigger_event_p900_outputgrp_tep_output_group_id	tep_output_group_id	outputgrp(op_group_id)
FK_trigger_event_p900_panel_tep_panel_id	tep_panel_id	panel(p_panel_id)
FK_trigger_event_p900_flag_p900_tep_output_flag2	tep_output_flag2	flag_p900(flp_id)
FK_trigger_event_p900_inputgrp_tep_input_group_id	tep_input_group_id	inputgrp(ip_group_id)
FK_trigger_event_p900_input_tep_input_id	tep_input_id	input(ip_point_id)
FK_trigger_event_p900_flag_p900_tep_source_flag1	tep_source_flag1	flag_p900(flp_id)

Database Name: P2000EntityConfig

Table Name: trigger_link_p900

Table Comments: P900 specific configuration parameters for P900 event and trigger links

Partitioned: 2 Partitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	tlp_id	IDENTITY			No	Unique Identification of the record within the Enterprise
2	tlp_name	varchar			Yes	Name
3	tlp_enable	Boolean			No	1 = enabled
4	tlp_source_panel	ReferenceInt			No	Panel Reference
5	tlp_source_event	ReferenceInt			No	Trigger Event Reference
6	tlp_destination_panel	ReferenceInt			No	Panel Reference
7	tlp_query_string	nchar	64		Yes	Query String
8	tlp_destination_event	ReferenceInt			No	Trigger Event Reference
9	tlp_partition	ReferenceInt			No	Partition Reference
10	tlp_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
11	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site reference
12	tlp_guid	PrimaryKey			No	GUID for unique record identification
13	tlp_checksum	Signature			No	Digital Signature

Index	Key Type	Order	Column Name
PK_trigger_link_p900	Primary Key	1	tlp_guid
UQ_trigger_link_p900_tlp_id	Unique Key	1	tlp_id
UQ_TriggerLinkP900_EnterpriseName	Unique Key	1	EnterpriseSiteGuid
		2	tlp_name
IQ_trigger_link_p900_tlp_destination_event	Key	1	tlp_destination_event
IQ_trigger_link_p900_tlp_destination_panel	Key	1	tlp_destination_panel
IQ_trigger_link_p900_tlp_partition	Key	1	tlp_partition
IQ_trigger_link_p900_tlp_source_event	Key	1	tlp_source_event
IQ_trigger_link_p900_tlp_source_panel	Key	1	tlp_source_panel

Foreign Key	Source Column	Referenced Column
FK_trigger_link_p900_trigger_event_p900_tlp_source_event	tlp_source_event	trigger_event_p900(tep_id)
FK_trigger_link_p900_ent_site_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_trigger_link_p900_partition_tlp_partition	tlp_partition	partition(part_number)
FK_trigger_link_p900_trigger_event_p900_tlp_destination_event	tlp_destination_event	trigger_event_p900(tep_id)
FK_trigger_link_p900_panel_tlp_destination_panel	tlp_destination_panel	panel(p_panel_id)
FK_trigger_link_p900_panel_tlp_source_panel	tlp_source_panel	panel(p_panel_id)

Database Name: P2000EntityConfig
Table Name: User
Table Comments: List of authorized P2000 users

Partitioned: 1 Unpartitioned
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	EntityGuid	ReferenceGuid			No	Entity Reference
4	Name	ObjectName	32		No	Provides a unique name for this record
5	Description	Description	80		Yes	Description
6	ValidationStart	datetime			No	Validation Start Date / Time (UTC)
7	ValidationEnd	datetime			No	Validation End Date / Time (UTC)
8	Password	nchar	40		No	Password (encrypted)
9	PasswordExpires	datetime			No	Password expiry date
10	InvalidRetries	int			No	Number of invalid consecutive attempts
11	IsEnabled	Boolean			No	1 = enabled
12	ChangePassword	Boolean			No	1 = change password at next logon
13	MessageFilterGroupGuid	ReferenceGuid			Yes	Message Filter Group Reference
14	XmlPreferences	XmlDocument			Yes	XMLDocument containing User preferences
15	Checksum	Signature			No	Contains the digital signature for the record.
16	ReEnableDate	datetime			No	Date when the account is automatically re-enabled, if the account was disabled due to number of invalid logins
17	ID	IDENTITY			No	Identity Column
18	VerifyPassword	Boolean			No	Defines whether the user needs to reverify the password for critical applications
20	AllowMultipleAlarmHandling	Boolean			No	1 = user can handle multiple alarms at one time
21	MessageFilterGroupGuidAlarmProcessing	ReferenceGuid			Yes	Message Filter Group, identifying the alarms that can be processed by this operator
22	UserAccountType	int			No	Reference to value of enumeration 'User Account Type'

Index	Key Type	Order	Column Name
PK_User	Primary Key	1	Guid
UQ_User_Index	Unique Key	1	ID
UQ_User_Name	Unique Key	1	Name
IQ_User_EntityGuid	Key	1	EntityGuid
IQ_User_MessageFilterGroupGuid	Key	1	MessageFilterGroupGuid
IQ_User_MessageFilterGroupGuidAlarmProcessing	Key	1	MessageFilterGroupAlarmProcessingGuidAlarmProcessing

Foreign Key	Source Column	Referenced Column
FK_User_Entity_EntityGuid	EntityGuid	Entity(Guid)
FK_User_msgfiltergroup_MessageFilterGroupGuid	MessageFilterGroupGuid	msgfiltergroup(mfg_guid)
FK_User_MsgFilterGroup_MessageFilterGroupAlarmProcessing	MessageFilterGroupGuidAlarmProcessing	msgfiltergroup(mfg_guid)

Database Name: P2000EntityConfig
Table Name: UserDefinedField
Table Comments: List of user defined fields

Partitioned: 2 Partitioned
Enterprise: 1 All records
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Description
4	PartitionGuid	ReferenceGuid			No	Partition Reference
5	IsPublic	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
6	UserDefinedFieldType	EnumValue			No	References the associate enumeration value for enumeration set "UserDefinedFieldType" in the table "EnumValue"
7	Checksum	Signature			No	Contains the digital signature for the record.
8	UserDefinedFieldGuid	ReferenceGuid			Yes	References the group of this user defined field
9	DBCColumnName	nchar	32		Yes	Name for DBColumn (use 'Name' value if column is empty)
10	Width	int			Yes	Width of the user defined field
11	EntityTypeMask	int			Yes	Entity Type Mask
12	VisibleForMISInterface	Boolean			Yes	Defines whether the field is visible for MIS Interface

Index	Key Type	Order	Column Name
PK_UserDefinedField	Primary Key	1	Guid
UQ_UserDefinedField_Name	Unique Key	1	Name
IQ_UserDefinedField_PartitionGuid	Key	1	PartitionGuid

Foreign Key	Source Column	Referenced Column
FK_UserDefinedField_partition_PartitionGuid	PartitionGuid	partition(part_guid)
FK_UserDefinedField_UserDefinedFieldGuid	UserDefinedFieldGuid	UserDefinedField(Guid)

Database Name: P2000EntityConfig**Table Name:** UserPartition**Table Comments:** Table defining which partitions are accessible for an user**Partitioned:** 2 Partitioned**Enterprise:** 2 Sub-set**FDA:** 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserGuid	ReferenceGuid			No	User Reference
3	PartitionGuid	ReferenceGuid			No	Partition Reference
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserPartition	Primary Key	1	Guid
IQ_UserPartition_PartitionGuid	Key	1	PartitionGuid
IQ_UserPartition_UserGuid	Key	1	UserGuid

Foreign Key	Source Column	Referenced Column
FK_UserPartition_User_UserGuid	UserGuid	User(Guid)
FK_UserPartition_partition_PartitionGuid	PartitionGuid	partition(part_guid)

Database Name:

P2000EntityConfig

Table Name:

UserRemotePartition

Table Comments:

Table defining which remote partitions (ie non-Enterprise partitions) are accessible for an user

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserGuid	ReferenceGuid			No	User Reference
3	Name	ObjectName	32		No	Provides a unique name for this record
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserRemotePartition	Primary Key	1	Guid
IQ_UserRemotePartition_UserGuid	Key	1	UserGuid

Foreign Key	Source Column	Referenced Column
FK_UserRemotePartition_User_UserGuid	UserGuid	User(Guid)

Database Name: P2000EntityConfig

Table Name: UserRole

Table Comments: Table defining all user roles

Partitioned: 1 Unpartitioned

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	Name	ObjectName	32		No	Provides a unique name for this record
3	Description	Description	80		Yes	Description
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserRole	Primary Key	1	Guid
UQ_UserRole_Name	Unique Key	1	Name

Database Name:

P2000EntityConfig

Table Name:

UserRoleApplicationResource

Table Comments:

Table linking the user role to the defined application resources. This table identifies which of these resources are available to users associated with the user role.

Partitioned:

4 Sub-record

Enterprise:

2 Sub-set

FDA:

1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserRoleGuid	ReferenceGuid			No	User Role Reference
3	ApplicationResourceGuid	ReferenceGuid			No	Application Resource Reference
4	PermissionExecute	EnumValue			No	Defines the permission level for 'Execute' by referencing the enumeration set 'Permission'
5	PermissionView	EnumValue			No	Defines the permission level for 'View' by referencing the enumeration set 'Permission'
6	PermissionEdit	EnumValue			No	Defines the permission level for 'Edit' by referencing the enumeration set 'Permission'
7	PermissionAdd	EnumValue			No	Defines the permission level for 'Add' by referencing the enumeration set 'Permission'
8	PermissionDelete	EnumValue			No	Defines the permission level for 'Delete' by referencing the enumeration set 'Permission'
9	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserRoleApplicationResource	Primary Key	1	Guid
IQ_UserRoleApplicationResource_ApplicationResourceGuid	Key	1	ApplicationResourceGuid
IQ_UserRoleApplicationResource_UserRoleGuid	Key	1	UserRoleGuid

Foreign Key	Source Column	Referenced Column
FK_UserRoleApplicationResource_ApplicationResource_ApplicationResourceGuid	ApplicationResourceGuid	ApplicationResource(Guid)
FK_UserRoleApplicationResource_UserRole_UserRoleGuid	UserRoleGuid	UserRole(Guid)

Database Name: P2000EntityConfig

Table Name: UserSite

Table Comments: Table linking the user to the enterprise site to define which enterprise site information is accessible for this user

Partitioned: 4 Sub-record

Enterprise: 2 Sub-set

FDA: 1 Configuration

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserGuid	ReferenceGuid			No	User Reference
3	EnterpriseSiteGuid	ReferenceGuid			No	Enterprise site name
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserSite	Primary Key	1	Guid
IQ_UserSite_EnterpriseSiteGuid	Key	1	EnterpriseSiteGuid
IQ_UserSite_UserGuid	Key	1	UserGuid

Foreign Key	Source Column	Referenced Column
FK_UserSite_EnterpriseSite_EnterpriseSiteGuid	EnterpriseSiteGuid	ent_site(ens_guid)
FK_UserSite_User_UserGuid	UserGuid	User(Guid)

Database Name: P2000EntityConfig**Table Name:** UserUserRole**Table Comments:** Table associating the user with the application resources (via UserRoles) available to him**Partitioned:** 4 Sub-record**Enterprise:** 2 Sub-set**FDA:** 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	UserGuid	ReferenceGuid			No	User Reference
3	UserRoleGuid	ReferenceGuid			No	User Role Reference
4	Checksum	Signature			No	Contains the digital signature for the record.

Index	Key Type	Order	Column Name
PK_UserUserRole	Primary Key	1	Guid
IQ_UserUserRole_UserGuid	Key	1	UserGuid
IQ_UserUserRole_UserRoleGuid	Key	1	UserRoleGuid

Foreign Key	Source Column	Referenced Column
FK_UserUserRole_User_UserGuid	UserGuid	User(Guid)
FK_UserUserRole_UserRole_UserRoleGuid	UserRoleGuid	UserRole(Guid)

Database Name: P2000EntityConfig**Table Name:** UserWebUIStyle**Table Comments:** Table defining the Web UI Styles associated with a particular user account**Partitioned:** 4 Sub-record**Enterprise:** 2 Sub-set**FDA:** 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	UserGuid	ReferenceGuid			No	References User Agent that this record belongs to
3	RepositoryInstanceGuid	ReferenceGuid			No	References Web UI Style from the Repository Instance Table
4	Order	int			No	Defines the order of the Web UI Styles
5	Checksum	Signature			No	Digital Signature for this record

Index	Key Type	Order	Column Name
PK_UserWebUIStyle	Primary Key	1	Guid
IQ_UserWebUIStyle_RepositoryInstanceGuid	Key	1	RepositoryInstanceGuid
IQ_UserWebUIStyle_UserGuid	Key	1	UserGuid

Foreign Key	Source Column	Referenced Column
FK_UserWebUIStyle_RepositoryInstance_RepositoryInstanceGuid_Guid	RepositoryInstanceGuid	RepositoryInstance(Guid)
FK_UserWebUIStyle_User_UserGuid_Guid	UserGuid	User(Guid)

Database Name: P2000EntityConfig
Table Name: WorkScheduleDetails
Table Comments: Table containing the work schedule definition

Partitioned: 5 History Information
Enterprise: 2 Sub-set
FDA: 1 Configuration

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary Key
2	EntityGuid	Reference			No	Entity Reference
3	WorkScheduleGuid	Reference			No	Work Schedule Reference
4	Date	DateTime			No	Schedule Date
5	Sequence	int			No	Sequence Number
6	StartDateTime	DateTime			No	Schedule Start (Date / Time)
7	EndDateTime	DateTime			No	Schedule End (Date / Time)

Index	Key Type	Order	Column Name
PK_WorkScheduleDetails	Primary Key	1	Guid
UQ_WorkSccheduleDetails_WorkScheduleEntityDateSequence	Unique Key	1	WorkScheduleGuid
		2	EntityGuid
		3	Date
		4	Sequence
IQ_WorkScheduleDetails_Entity	Key	1	EntityGuid

Foreign Key	Source Column	Referenced Column
FK_WorkScheduleDetails_RepositoryInstance_WorkScheduleGuid	WorkScheduleGuid	RepositoryInstance(Guid)
FK_WorkScheduleDetails_Entity_EntityGuid	EntityGuid	Entity(Guid)

Database Name: P2000History

Table Name: xaction

Table Comments: Contains all transaction generated within the local enterprise site or forwarded by other enterprise sites (using Message Routing or Database Replication)

Partitioned: 5 History Information

Enterprise: 3 None

FDA: 2 Security Status Information

Field	Column Name	Type	Length	Occurrences	Nullable	Comment
1	x_hist_type	int			Yes	References enum set 'History Type'
2	x_panel_name	nchar	32		Yes	Panel Name
3	x_hist_subtype	int			Yes	Allow more detailed specification of the history sub type. This value is defined in the EnumSet 'History Sub Type'
4	x_term_name	nchar	32		Yes	Terminal Name
5	x_item_name	nchar	32		Yes	Item Name
6	x_badge_number	char	20		Yes	Badge Number
7	x_fname	nchar	26		Yes	First Name
8	x_mname	nchar	25		Yes	Middle Name
9	x_lname	nchar	26		Yes	Last Name
10	x_timed_overrrd	Boolean			Yes	Timed Override
11	x_issue_level	int			Yes	Issue Level
12	x_fac_code	int			Yes	Facility Code
13	x_event_name	nchar	32		Yes	Event Name
14	x_timestamp	datetime			Yes	Date/Time of transaction
15	site_name	nchar	32		Yes	Enterprise site name
16	x_partition	nchar	32		Yes	Partition Reference
17	x_public	Boolean			No	Defines whether the associated record is public (1) or not. Public records are accessible from other partitions.
18	x_guid	PrimaryKey			No	GUID for unique record identification
19	x_checksum	Signature			No	Digital Signature
20	x_company	nvarchar	32		Yes	Company Name
21	x_department	nvarchar	32		Yes	Department Name
22	x_division	nvarchar	32		Yes	Division Name
23	x_team	nvarchar	32		Yes	Team Name
24	x_description	nvarchar	256		Yes	Decription
25	x_src_msg_guid	uniqueidentifier			No	Combines messages based on the same source message
26	x_entity_guid	uniqueidentifier			Yes	Entity associated with this message

Field	Column Name	Type	Length	Occurences	Nullable	Comment
27	x_item_guid	uniqueidentifier			Yes	Item associated with the message
28	x_entity_foreignsystemkey	nvarchar	25		Yes	Foreign System Key of the entity associated with this message
29	x_querystring	QueryString	64		Yes	QueryString with Item Name
30	x_processed	int			Yes	Row state for report server process

Index	Key Type	Order	Column Name
PK_xaction	Primary Key	1	x_guid
IQ_xaction_EntityGuid	Key	1	x_entity_guid
IQ_xaction_historytype	Key	1	x_hist_type
IQ_xaction_ItemGuid	Key	1	x_item_guid
IQ_xaction_partition	Key	1	x_partition
IQ_xaction_site	Key	1	site_name
IQ_xaction_timestamp	Key	1	x_timestamp
IQ_xacton_public	Key	1	x_public

Database Name:

P2000EntityConfig

Table Name:

XFRGuidToID

Table Comments:

Translates GUIDs into ID references for controllers and BACnet interface

Partitioned:

6 Internal System

Enterprise:

3 None

FDA:

6 Processing Commands

Field	Column Name	Type	Length	Occurences	Nullable	Comment
1	Guid	PrimaryKey			No	Primary key for this record used as ROWGUIDCOL for database replication
2	ID	IDENTITY			No	Value to determine unique identifier for CK800 download

Index	Key Type	Order	Column Name
PK_XFRGuidToID	Primary Key	1	Guid
UQ_XFRGuidToID_ID	Unique Key	1	ID

Enumeration Sets and Values

Set Name **Access Badge Identifier Type**
Set ID 200096

Defines the different types of access badge identifiers

Value	Name	Comment
1	Badge	
2	Card ID	
3	Badge / Card ID	

Set Name **Access Group Repository Instance**
Set ID 200090

Value	Name	Comment
100	View Intrusion Zone	
101	Bypass Intrusion Zone	
200	View Intrusion Area	
201	Arm Intrusion Area	
202	Disarm Intrusion Area	
203	Arm/Disarm Intrusion Area	
300	View Intrusion Area	
301	Silence Intrusion Area	

Set Name **Access Group Type**
Set ID 200084

Defines the different types of Access Groups (e.g. Access, Intrusion)

Value	Name	Comment
0	<any>	
1	Access	
2	Intrusion	

Set Name **Access Profile Download Status**
Set ID 200105

Value	Name	Comment
0	<unknown>	

Set Name

Access Profile Download Status

Set ID

200105

Value	Name	Comment
1	Enabled	
2	Disabled	

Set Name

Alarm Condition

Set ID

100018

Value	Name	Comment
-1	N/A	
0	Secure	
1	Alarm	
2	Short	
3	Open	
4	Suppressed	
5	Tamper	
6	Trouble	
7	Above Maximum	
8	Below Minimum	
9	At Maximum	
10	At Minimum	
11	Unknown	
12	Peers Offline	
13	Star Center Offline	
14	Forced Open	
15	Held Open	
16	Bypassed	

Set Name

Alarm Condition Setting Types

Set ID

200507

Defines the alarm condition states which can be configured using alarm options

Value	Name	Comment
0	Alarm	
1	Secure	
2	Others	

Set Name

Alarm Condition Setting Types

Set ID

200507

Defines the alarm condition states which can be configured using alarm options

Value	Name	Comment
3	N/A	

Set Name

Alarm Enabled

Set ID

100129

Value	Name	Comment
0	False	
1	True	
2	Device	

Set Name

Alarm Status

Set ID

100003

Value	Name	Comment
1	Complete	
2	Responding	
3	Acknowledged	
4	Pending	
5	Unknown	

Set Name

Alarm Type

Set ID

200003

Value	Name	Comment
1	Generic Alarm	
2	Panel Input Point Alarm	
3	Area Alarm	
4	Guard Tour Alarm	
5	Muster Running Alarm	
6	Muster Zone Status Alarm	

Set Name

Alarm Type

Set ID

200003

Value	Name	Comment
7	Muster When Disabled Alarm	
8	Muster Aborted	
9	Loop Tamper Alarm	
10	Host Event Generated Alarm	
11	MSEA Alarm	
12	AV Motion Alarm	
13	AV Behavior Alarm	
14	AV Video Loss Alarm	
15	AV Dry Contact Alarm	
16	AV System Alarm	
17	Intrusion Zone Alarm	
18	Access Rights Expired	
19	Alternate Access Granted	
20	Asset Tracked	
21	Central Access Denied	
23	Central Data Unreachable	
24	Central Status Unreachable	
25	Entity Expired	
26	Entity Tracked	
27	Entity Validated	
28	Error	
29	Incomplete Group	
30	Incomplete Group Rule	
31	Inconsistent Identifiers	
32	Invalid Access Level	
33	Invalid Access Mask	
34	Invalid Access Profile	
35	Invalid Access Group	
36	Invalid Access Group Timezone	
37	Invalid Override Privilege	
38	Invalid Override Time	
39	PIN Attempts Exceeded	
40	Invalid Security Mask	
41	Invalid Smart Card Signature	
42	Manual Panel Event	
43	No Entry	
44	Occupancy Violation	
45	Portal Open Violation	
46	Team Member Validated	

Set Name

Alarm Type

Set ID

200003

Value	Name	Comment
47	Unaccompanied Asset	
48	Unaccompanied Asset Rule	
49	Unaccompanied Entity	
50	Unaccompanied Entity Rule	
51	Anti-Loitering Violation	
52	Occupancy Limit	
53	Fault	
54	Anti-Passback Not Operational	
55	Anti-Passback On	
58	Output	
59	Biometric Mismatch	
60	Deny Intrusion Area Armed	
61	Door Status	
62	Facility Code Error	
63	Hardware Module not operational	
64	Hardware Module upgrade failed	
65	Hardware Module upgrading	
66	Intrusion Annunciator	
67	Intrusion Area Arm State	
71	Intrusion Zone Arm State	
74	Invalid Card	
75	Invalid Entity	
76	Invalid Event	
77	Invalid Event Privilege	
78	Invalid Entry-Exit	
79	Invalid Issue Level	
80	Invalid PIN Code	
81	Invalid Reader	
82	Invalid Security Level	
83	Local Grant	
84	Manual Reader	
85	Notification Event Dropped	
89	Timed Override	
90	Panel Down	
91	Forced Door Suppressed	
92	Controller Event Activate	
93	Controller Event Inactive	
94	Memory Low	
95	Propped Door Suppressed	

Set Name

Alarm Type

Set ID

200003

Value	Name	Comment
96	Intrusion Area	
97	Fast Download Started	
98	Fast Download Failed	
99	Fast Download Succeeded	
100	Elevator	
101	Elevator Controller Not Operational	
102	Reader Duress	
103	Soft AntiPassback Violation	
104	Soft Occupancy Violation	
105	Executive Privilege	
106	Intrusion Annunciator Silence	
107	Firmware Upgrade Failed	
108	High CPU Usage	
109	Anti-Passback Resynch	
110	Anti-Passback Reset	
112	Entity Transition In	
113	Entity Transition Out	
114	Entity Transition Undefined	
115	Entity Entry Time Reset	
116	Entity Exit Time Reset	
117	Entity Configuration Mismatch	
118	ACO not operational	
119	Interlock State	
120	Integration Server	
121	Time Synchronization Problem	
122	XMan X-Ray Machine	
123	Device Failure	
124	Device Down	
125	LEC Door Status	
126	APM Status	
305463280	Cluster Redundancy	
305463295	Double Take Redundancy	
305594368	Double Take Redundancy Standby Offline	
305659904	Double Take Redundancy Standby IP Failure	
305659905	Double Take Redundancy Monitoring	
305659906	Double Take Redundancy Mirroring	

Set Name

Alarm Type

Set ID

200003

Value	Name	Comment
305659907	Double Take Redundandy Temp Public	
305659908	Double Take Redundandy Temp Private	
305659909	Double Take Redundandy Standby Public	
305659910	Double Take Redundandy Standby Private	
305659911	Double Take Redundandy Primary Started	
305659912	Double Take Redundandy Standby Started	
305725440	SMTE	
305790976	Request Queue	
305856512	In Exit	
305922048	Badge Trace	
305987584	Intercom Station Lost Communication	
389087232	RMS Recieve	
389152768	RMS Transmit	
389283840	FDA	
2022703104	Time Sync	

Set Name

Anti-Loitering Commands

Set ID

100140

Value	Name	Comment
1	IN	
2	OUT	

Set Name

Anti-Passback Commands

Set ID

100139

Value	Name	Comment
1	IN	
2	OUT	

Set Name

Anti-Passback Commands

Set ID

100139

Value	Name	Comment
3	Undefined	
4	Entry Time	
5	Exit Time	
6	Reset All	
7	Reset Entry Time	
8	Reset Exit Time	

Set Name

Application Resource Type

Set ID

100076

Value	Name	Comment
1	P2000 Interface	
10	Popup Menu	
11	Menu Item	
12	Menu Separator	
13	Internal Command	
20	Dialog Tab	
21	System Function	
22	Tree Node	
23	Report	
30	Dialog Control	
40	Alarm Type	
50	Command Type	
1000	Thin Client Style	
1001	Thin Client Application	

Set Name

Area Count Mode

Set ID

100116

Value	Name	Comment
0	Count All	
1	Count Access	

Set Name

Area Count Mode

Set ID

100116

Value	Name	Comment
2	Count Input	

Set Name

Area Entry Mode

Set ID

100117

Value	Name	Comment
1	IN	
2	OUT	

Set Name

Area Layout Item

Set ID

100118

Value	Name	Comment
1	First Name	
2	Last Name	
3	Identifier	
4	Organization 1	
5	Organization 2	
6	Organization 3	
7	Organization 4	
8	Date Time	

Set Name

Area Status

Set ID

100007

Value	Name	Comment
0	Normal	
1	Pre-Max Alarm	
2	Mac Alarmed	

Set Name

Area Status

Set ID

100007

Value	Name	Comment
3	Min Alarmed	

Set Name

Area Type

Set ID

100008

Value	Name	Comment
0	Access	
1	Facility	
2	Parking	

Set Name

ArealtemType

Set ID

100006

Value	Name	Comment
0	Terminal	
1	Terminal Group	
2	Input	
3	Input Group	

Set Name

Aritech Intrusion Objects

Set ID

200506

List of Aritech Intrusion Objects

Value	Name	Comment
3108	Aritech Panel	
3109	Intrusion Area	
3110	Intrusion Zone	
3111	Intrusion Annunciator	
3112	Aritech Intrusion Server	

Set Name **Audit Action**
Set ID 100009

Value	Name	Comment
-1	<any>	
0	Execute	
1	Logon	
2	Logoff	
3	Add	
4	Edit	
5	Delete	
6	Print	
7	Download	
8	Set	
9	Reset	
10	Lock	
11	Unlock	
12	Timed Override	
13	Lock All	
14	Unlock All	
15	Update	
16	Write Flash	
17	Start Muster	
18	Stop Muster	
19	Demuster	
21	Zone Ready	
22	Start Muster Drill	
25	Print Group	
26	Remove Badge	
27	Expand Zone	
28	Enable Print	
29	Disable Print	
30	Save Data	
31	Pulse	
32	Enable	
33	Clear	
34	Disable	
35	Force	
36	Calibrate	
37	Uncalibrate	
38	Set in use	
39	Set available	
40	Manual Trigger	

Set Name

Audit Action

Set ID

100009

Value	Name	Comment
41	Store Default	
42	Security Level	
43	Logon Invalid	
44	Logon Disabled	
45	FDA Backup	
46	FDA Violation	
47	FDA Digital Signature	
48	Redundancy Failover	
49	Redundancy Offline	
50	Redundancy Online	
51	Redundancy Mirror	
52	Redundancy Monitor	
53	Redundancy Admin	
54	Redundancy Reboot	
55	Redundancy Configuration Export	
56	Redundancy Configuration Import	
57	Download Firmware	
58	Verify Firmware	
59	Apply Firmware	
60	Erase Database	
61	Reboot	
62	Resync IN	
63	Resync OUT	
64	Resync UNDEFINED	
65	Suppress	
66	Emergency Disable	
67	Arm	
68	Forced Arm	
69	Disarm	
70	Start Bypass	
71	Stop Bypass	
72	Zone Reset	
73	Zone Reset Ack	
74	Activate	
75	Silence	
76	Test	
77	Resync All	
78	Reset Entry Time	
79	Reset Exit Time	

Set Name

Audit Action

Set ID

100009

Value	Name	Comment
80	Reset All Entry Times	
81	Reset All Exit Times	
82	Fast Download Transfer	
83	Fast Download Update	
84	Fast Download Rebuild	
85	Fast Download Shrink	
86	Initial Entity Resynch	
87	Update Entity Resynch	
88	MCO Status Change	
89	Call Station	
90	Terminate Call	
91	Accept Call	
92	Forward Call	
93	Hold	
94	Isolated Station	
95	Unisolated Station	
96	Start Monitoring	
97	Stop Monitoring	
98	Remoted Station	
99	Unremoted Station	
100	Changed Value	
101	Stop suppressing	

Set Name

Audit Item

Set ID

228675

Value	Name	Comment
-1	<any>	
0	Unknown	
1	User	
2	Badge	
3	Badge Layout	
4	Badge Fields	
5	Badge Encode	
6	ID Badge	
7	Entity	

Set Name **Audit Item**
Set ID 228675

Value	Name	Comment
8	Panel	
9	Terminal	
10	Partition	
11	Terminal Group	
12	Access Group	
13	Holiday	
14	Timezone	
15	Input Point	
16	Input Group	
17	Panel Holiday	
18	Access Template	
19	Alarm Response Text	
20	Alarm Instruction	
21	Company	
22	Output Point	
23	Output Group	
24	Department	
25	Panel Timezone	
26	Soft Alarm	
27	Site Parameters	
28	Workstation	
29	Map	
30	Map Icon Set	
31	User Defined Field	
32	Event	
33	Panel Card Event	
34	Alarm Filter	
35	Message Forwarding	
37	Permission Group	
38	Panel Relay	
39	Report	
40	MIS Interface	
41	Image Recall Filter	
42	Counter	
43	Action Interlock	
44	External IP Address	
45	Guard Tour Definition	
46	Tour Station Definition	
47	Loop	

Set Name **Audit Item**
Set ID 228675

Value	Name	Comment
48	Elevator	
49	Floor Mask	
50	Floor Group	
51	Floor Name Configuration	
52	Cabinet	
53	Door Group	
54	Door Mask	
55	Door Name Configuration	
56	Area	
57	Muster Zone	
58	Area Control Layout	
59	Connections	
60	CCTV Server	
61	CCTV Switch	
62	CCTV Tour	
63	CCTV Alarm	
64	CCTV Macro	
65	CCTV System Auxiliary	
66	CCTV Monitor	
67	CCTV Sequence	
68	CCTV Camera	
69	CCTV Preset	
70	CCTV Pattern	
71	CCTV Camera Auxiliary	
72	Enable Code	
73	P900 Flag	
74	P900 Counter	
75	P900 Trigger Event	
76	P900 Trigger Link	
77	P900 System Parameters	
78	Auto-badge Number	
79	Common PIN	
80	P900 Sequence File	
81	Remote Server	
82	Message Filter	
83	Message Filter Group	
84	Local Site	
85	Service Startup Configuration	
86	Application	

Set Name **Audit Item**
Set ID 228675

Value	Name	Comment
87	Panel Card Format	
88	Reason	
89	Security Level Range	
90	Import File	
91	Import Consolidation	
92	Import Badge Format	
94	Audit	
95	Alarm History	
96	Alarm	
97	Generic Text	
98	Muster History	
99	Guard Tour History	
100	Transaction History	
101	Redundancy	
102	Mapping Configuration	
103	Mapping Data Fields Configuration	
104	Intercom Exchange	
105	Intercom Station	
106	AV Site	
107	AV Camera	
108	AV Monitor	
109	AV Preset	
110	Input To Camera	
112	Enterprise Site	
113	Enterprise Parameters	
114	AV Dry Contact	
115	Alarm Colors	
116	Badge Setup	
117	Request Approver	
118	FASC-N CCC	
119	Identifier Purpose	
120	Alarm Options	
122	SIA Device	
123	Alarm Category	
124	MSEA Graphic	
125	Entity Group	
126	Access Profiles	
127	Application Resource	
128	Security Flag	

Set Name **Audit Item**
Set ID 228675

Value	Name	Comment
129	Security Role	
130	Entity Category	
131	Team	
132	Division	
133	Database Version	
134	User Role	
135	Intrusion Group	
136	SCT File Object	
137	SCT Notification Object	
138	SCT Calendar Object	
139	SCT CK722 Device Object	
140	SCT Schedule Object	
141	SCT Access Control Object	
142	SCT Door Sequence Object	
143	SCT S300 Trunk Object	
144	SCT Anti Passback Object	
145	SCT Protocol Engine Object	
146	SCT S300 Reader Object	
147	SCT Binary Output Object	
148	SCT S300 Module Object	
149	SCT Anti-Loitering Object	
150	SCT Data Record Object	
151	SCT Ethernet Link Object	
152	SCT Occupancy Object	
153	SCT Interlock Object	
154	Intrusion Annunciator	
155	Intrusion Area	
156	SCT Intrusion Keypad Display Object	
157	Intrusion Zone	
158	SCT Multi Command Object	
159	SCT Name List Object	
160	SCT Supervised Input Object	
161	SCT Controller Event Object	
162	Request Configuration	
163	Web UI Style	
164	PIN Code	
165	Intrusion Device	
166	Intrusion Server	
167	Elevator Integration	

Set Name

Audit Item

Set ID

228675

Value	Name	Comment
168	Elevator Controller	
169	Work Schedule Object	
170	Time & Attendance Reader	
171	Work Schedule	
172	T&A Integration	
173	MSEA ADX Map	
174	MSEA Partition Map	
175	Mifare Encode	
176	Web Access Config	
177	Integration Server	
178	Voorspoed Stop Search	
179	Integration Station	
180	XMan XRAY Machine	
181	Integration Device	
182	XMan Holding Room	
183	ACS APM	
184	ACS Lane Equipment Cabinet Door	
185	ACS Interface Integration	
186	MSEA Item Category	
187	Work Schedule Entry	

Set Name

Auto Badge Status

Set ID

100011

Value	Name	Comment
0	Available	
1	Reserved	
2	In Use	

Set Name **BACnet Attribute Numbers**
Set ID 509

Value	Name	Comment
17	NOTIFICATION_CLASS_ATTR	
24	DST_STATUS_ATTR	
28	Description	
37	EVENT_TYPE_ATTR	
72	NOTIFY_TYPE_ATTR	
75	Object Identifier	
77	OBJECT_NAME_ATTR	
79	BACnet Object Type	
85	PRESENT_VALUE_ATTR	
86	PRIORITY_ATTR	
89	PROCESS_IDENTIFIER_ATTR	
103	RELIABILITY_ATTR	
119	UTC_OFFSET_ATTR	
120	VENDOR_ID_ATTR	
142	START_TIME_ATTR	
512	Status	
564	Child List	
572	ERROR_ATTRIBUTE_ATTR	
576	ERROR_STATUS_ATTR	
673	Enabled	
786	Internal OID	
788	Is Container	
789	Internal	
797	Object Type	
847	JCI_SYSTEM_STATUS_ATTR	
894	Default Attribute Number	
901	Version	
905	Reference Count	
907	Device Name	
908	Object Category	
961	MODE_ATTR	
1006	Alarm State	
2064	CENTRAL_STATUS_TIMEOUT_ATTR	
2069	TIME_STAMP_ATTR	
2197	Execution Priority	
2200	DEVICE_OBJECT_NAME_ATTR	
2278	Badge Number	
2281	TIMED_OVERRIDE_ATTR	
2282	ISSUE_LEVEL_ATTR	

Set Name **BACnet Attribute Numbers**
Set ID 509

Value	Name	Comment
2283	FACILITY_CODE_ATTR	
2287	BAC_DEVICE_OBJ_ID_ATTR	
2390	User Name	
2530	Attribute Change Count	
2548	END_TIME_ATTR	
2896	FAULT_CAUSE_ATTR	
2902	PORTAL_MODE_ATTR	
2903	STAR_CENTER_STATUS_ATTR	
2904	DECISION_CATEGORY_ATTR	
2934	DECISION_NUMBER_ATTR	
2936	ENTITY_ID_ATTR	
2937	ACCESS_PROFILE_ID_ATTR	
2938	Event Privilege	
2941	MISSING_DATA_RECORD_TYPE_ATTR	
2942	MISSING_DATA_RECORD_ID_ATTR	
2943	MISSING_OBJECT_ATTR	
2944	DURESS_ATTR	
2948	FULL_NUMBER_ATTR	
2949	COMPACT_NUMBER_ATTR	
2950	ALPHA_FIELD_1_ATTR	
2951	ALPHA_FIELD_2_ATTR	
2953	UNACCOMPANIED_ASSETS_ATTR	
2954	UNACCOMPANIED_ENTITIES_ATTR	
2955	INCOMPLETE_GROUPS_ATTR	
2997	ACCESS_GRANT_DETAIL_ATTR	
3006	Security Mask	
3012	CENTRAL_STATUS_ATTR	
3023	OCCUPANCY_IN_STATUS_ATTR	
3024	OCCUPANCY_OUT_STATUS_ATTR	
3025	ANTI_PASSBACK_IN_STATUS_ATTR	
3026	ANTI_PASSBACK_OUT_STATUS_ATTR	
3027	ACTIVATED_PANEL_EVENT_ID_ATTR	
3028	DEACTIVATED_PANEL_EVENT_ID_ATTR	

Set Name **BACnet Attribute Numbers**
Set ID 509

Value	Name	Comment
3029	AUTOMATIC_PANEL_EVENT_ID_LIST_ATTR	
3030	IDENTIFIER_ID_LIST_ATTR	
3048	UNACCOMPANIED_ASSET_ID_ATTR	
3049	UNACCOMPANIED_ENTITY_ID_ATTR	
3050	INCOMPLETE_GROUP_ID_ATTR	
3053	Number Of Data Records	
3054	Data Record Delete All	
3055	Data Record Status	
3056	Data Record Reset	
3057	Data Record Archive	
3058	Data Record Delete	
3059	ID	
3060	Type	
3063	Start Date	
3065	Expire Time	
3066	Expire Date	
3068	Number Of PINs	
3070	PIN List	
3071	SubType	
3072	Length	
3073	Data	
3077	Trigger Type	
3078	Event Code	
3079	Unlock Door Strike	
3080	Object	
3081	Attribute	
3086	NUMBER_OF_EVENTS_DROPPE D_ATTR	
3091	FIFO_OVERFLOW_START_TIME ATTR	
3092	FIFO_OVERFLOW_END_TIME_A TTR	
3297	Name	
3299	IAG List	
3300	Number Of IAGs	
3592	Access Control Object Mask	
3593	Number of Accompanier Entities	
3594	Number of Accompanier Groups	
3595	Number of Completeness Groups	

Set Name **BACnet Attribute Numbers**
Set ID 509

Value	Name	Comment
3596	Accompanier Entity ID List	
3597	Accompanier Group ID List	
3598	Completeness Group ID List	
3599	Normal Level	
3600	Normal Mask	
3601	Number Of Verifiers	
3602	Verifier ID List	
3603	Number of Entities	
3604	Entity ID List	
3605	Trigger Access Group ID	
3606	Trigger Mask	
3678	PEER_1_STATUS_ATTR	
3679	PEER_2_STATUS_ATTR	
3680	PEER_3_STATUS_ATTR	
3745	FIRMWARE_MODEL_ATTR	
3746	FIRMWARE_REVISION_ATTR	
3747	FIRMWARE_SUBREVISION_ATTR	
3777	FIRMWARE_UPGRADE_STATUS_ATTR	
3833	ACCOMPANIED_ID_LIST_ATTR	
3834	COMPLETED_GROUP_ID_LIST_ATTR	
3867	SMART_CARD_SIGNATURE_ATTR	
4017	COMMAND_ATTR	
4033	ERROR_OBJECT_NAME_ATTR	
4036	REAL_SECURITY_LEVEL_ATTR	
30034	Archive Object	
32527	Item Reference	
32571	Security Level	
65534	PMI Refresh	

Set Name **BACnet Category**
Set ID 100135

Value	Name	Comment
0	Host Event	

Set Name

BACnet Category

Set ID

100135

Value	Name	Comment
1	Host Log Category	
2	Host Logic Category	
3	Audit Log Category	
4	Panel Category	
5	Panel Event Category	
6	Hardware Category	
7	Terminal Category	
8	Reader Category	
9	Input Category	
10	Output Category	
11	Grant Category	
12	Deny Category	
13	Trace Category	
14	Time and Attendance Category	

Set Name

BACnet Notification Type

Set ID

200501

Value	Name	Comment
0	BAC_NOTIFY_ALARM	
1	BAC_NOTIFY_EVENT	
2	BAC_NOTIFY_ACK_NOTIFICATION	

Set Name

BACnet OID Type

Set ID

100120

Value	Name	Comment
0	Counter	
1	Reader Terminal	
2	Input Terminal	
3	Output Terminal	
4	Reader	

Set Name

BACnet OID Type

Set ID

100120

Value	Name	Comment
5	Input	
6	Output	
7	Host Event	
8	Host Log Notify	
9	Host Logic Notify	
10	Audit Log Notify	
11	Panel Notify	
12	Panel Event Notify	
13	Hardware Notify	
14	Terminal Notify	
15	Reader Notify	
16	Input Notify	
17	Output Notify	
18	Grant Notify	
19	Deny Notify	
20	Trace Notify	
21	Time and Attendance Notify	

Set Name

Biometric Identifier Type

Set ID

200099

Value	Name	Comment
4	Biometric	

Set Name

Boolean

Set ID

100098

Value	Name	Comment
0	False	
1	True	

Set NameCalendar Type

Set ID200103

Value	Name	Comment
0	<none>	
1	Type 1	
2	Type 2	
3	Type 3	

Set NameCard Type

Set ID100119

Value	Name	Comment
0	Person	
1	Visitor	

Set NameCCTV/AV Option Exists

Set ID100032

Value	Name	Comment
0	No	
1	Yes	
2	Use default	

Set NameCipherAlgorithm

Set ID453

Value	Name	Comment
0	AES_CBC	
1	DES_CBC	
2	DES_EDE_CBC	
3	DES_EDE3_CBC	

Set Name

CipherAlgorithm

Set ID

453

Value	Name	Comment
4	IDEA_CBC	

Set Name

CK722 Download Action Types

Set ID

200108

Used to define the type of download action within the CK722 Download Buffer

Value	Name	Comment
0	Unknown	
1	Update Record	
2	Delete Record	
1001	Mark all record for delete	
1002	Delete all marked records	

Set Name

Common Pin Identifier Type

Set ID

200107

Value	Name	Comment
5	Common PIN	

Set Name

CommonObjectBACnetObjType

Set ID

508

Value	Name	Comment
8	Device	
129	Protocol Engine	
144	Multiple Command	
146	Interlock	
161	Calendar	
263	Schedule	
292	Ethernet IP Datalink	
323	Security Solutions BI	

Set Name

CommonObjectBACnetObjType

Set ID

508

Value	Name	Comment
324	Security Solutions BO	
363	Door Sequence	
364	Access Control	
366	Security Solutions Notification	
367	Entity	
368	Access Profile	
369	Badge	
370	Biometrics	
371	Entity Group	
373	Access Group	
374	Panel Event	
375	Interpretation Algorithm	

Set Name

Database Index Type

Set ID

100115

Defines the various index/key types for DB design (Primary, Unique, Index)

Value	Name	Comment
1	Primary Key	
2	Unique Key	
3	Key	
4	Foreign Key	

Set Name

Door Status

Set ID

100138

Value	Name	Comment
0	Up	
1	Down	
2	Unknown	
3	Held Open	
4	Forced Open	
5	Unlocked	
6	Disabled	

Set Name

Door Status

Set ID

100138

Value	Name	Comment
7	Override	
8	Unlocked Open	
9	Unlocked Closed	
10	Locked Open	
11	Locked Closed	

Set Name

Elevator Interface

Set ID

100124

Value	Name	Comment
0	Low level interface	
1	High level interface	

Set Name

Elevator Type

Set ID

100024

Value	Name	Comment
1	Elevator	
2	Cabinet	

Set Name

Entity Entity Group Type

Set ID

100097

Value	Name	Comment
1	Group Member	
2	Escorted by	
3	Escorted by All	

Set Name

Entity Entity Reference

Set ID

100900

Value	Name	Comment
1	Sponsor	
2	Escort	

Set Name

Entity Image Type

Set ID

200104

Value	Name	Comment
1	Portrait	
2	Signature	
3	Fingerprint	

Set Name

Entity Name Pattern

Set ID

100028

Value	Name	Comment
1	First Middle Last	
2	Last, First Middle	

Set Name

Entity Repository Instance Status Type

Set ID

200109

Value	Name	Comment
1000	Undefined	
1001	In	
1002	Out	
2000	Undefined	
2001	Grace Period Started	
2002	Schedule Started	
2003	Work Schedule Ended	

Set Name

Entity Repository Instance Status Type

Set ID

200109

Value	Name	Comment
2004	Grace Period Ended	

Set Name

Entity Type (P2000)

Set ID

100091

Value	Name	Comment
0	Person	
1	Asset	
99	System Administrator	

Set Name

Entry Exit Status

Set ID

200080

Value	Name	Comment
0	Undefined	
2	In	
3	Out	

Set Name

Event Action Type

Set ID

100030

Value	Name	Comment
101	Antipassback - enable	
102	Antipassback - disable	
103	Door access	
104	Door relock	
105	Door timed override	
106	PIN suppression - set time zone	
107	Reader - Set Time Zone	
108	Reader Override - Set Time Zone	

Set Name **Event Action Type**
Set ID 100030

Value	Name	Comment
109	Reader Override - Enable	
110	Reader Override - Disable	
111	Soft In-X-It processing - enable	
112	Soft In-X-It processing - disable	
113	Local timed override - enable	
114	Local timed override - disable	
115	Valid and unauthorized - enable	
116	Valid and unauthorized - disable	
117	Reader Suppress	
118	Reader Unsuppress	
119	Reader Enabled	
201	Doors - lock all doors	
202	Doors - unlock all doors	
203	History upload - enable	
204	History upload - disable	
205	In-X-It - enable	
206	In-X-It - disable	
207	Time Zone Check - yes	
208	Time Zone Check - no	
209	Set Time Offset	
301	Input Group - enable	
302	Input Group - disable	
303	Input Point - enable	
304	Input Point - disable	
305	Input Group - suppression time zone	
306	Input Point - suppression time zone	
307	Input Point - Acknowledge Alarm	
308	Input Point - Complete Alarm	
309	Input Point Suppress	
310	Input Point Unsuppress	
311	Input Group Suppress	
312	Input Group Unsuppress	
401	Output Group - set	
402	Output Group - reset	
403	Output Point - set	
404	Output Point - reset	
501	Display - text message	
502	Print - text message	
503	Serial port message	

Set Name **Event Action Type**
Set ID 100030

Value	Name	Comment
504	Display Map	
505	Counter Increment	
506	Counter Decrement	
507	Counter Set to Value	
508	Backup DB	
509	Delete Invalid Visitor Badge	
510	Delete Visitor without Badge	
511	Execute Application	
512	Send Email	
513	Create Alarm	
514	Resynchronise Badge	
515	Send Message	
516	Create Unique Alarm	
517	Delete Unused Access Groups	
518	Disable Badge	
519	Cancel Event	
520	Enable Printing	
521	Enable Remote Transmit	
522	Enable Remote Receive	
523	Enable Message Forwarding	
524	Resynch Badges Terminal	
525	Resynch Badges Terminal Group	
526	User Defined Field Increment	
527	User Defined Field Decrement	
528	User Defined Field Set	
529	User Defined Field Set to UDF	
530	Trigger Event	
531	Enable Printing Host Messages	
532	Enable Printing Panel Messages	
533	Enable Printing Audit Messages	
534	Enable Printing Alarm Messages	
535	Enable Printing Elevator Messages	
536	Enable Printing Area Messages	
537	Enable Printing AV Messages	
538	Enable Printing Access Deny Messages	
539	Enable Printing Access Grant Messages	
540	Enable Printing Trace Messages	

Set Name **Event Action Type**
Set ID 100030

Value	Name	Comment
541	Enable Printing Guard Tour Messages	
542	Enable Printing Cabinet Messages	
543	Enable Printing Muster Messages	
544	Enable Printing Intrusion Messages	
545	Add Message Filter	
546	Add Message Filter Group	
547	Open Document	
601	Download Panel	
602	Download Terminals	
603	Download One Terminal	
604	Download Timezones	
605	Download Input Points	
606	Download Input Point	
607	Download Output Points	
608	Download Output Point	
609	Download Access Groups	
610	Download Card Events	
611	Download Badges	
612	Download Holidays	
613	Download All to Panel	
614	Download All to All Panel	
701	Write Action Interlock	
702	Muster Start	
703	Muster Stop	
704	Muster Demuster	
705	Muster Save Data	
706	Make Muster Zone Ready	
800	OPC Write	
900	CCTV Switch Tour Start	
901	CCTV Switch Tour Stop	
902	CCTV Switch Macro Play	
903	CCTV Switch Macro Stop	
904	CCTV Switch Alarm Start	
905	CCTV Switch Alarm Stop	
906	CCTV Switch Auxiliary Play	
907	CCTV Switch Auxiliary Stop	
908	Monitor Sequence Play	
909	Monitor Sequence Stop	

Set Name **Event Action Type**
Set ID 100030

Value	Name	Comment
910	Monitor Camera	
911	Camera Preset	
912	Camera Auxiliary Play	
913	Camera Auxiliary Stop	
914	Camera Pattern Play	
915	Camera Pattern Stop	
1000	Delete Cardholder	
1100	Intercom Station Connect	
1101	Intercom Station Disconnect	
1200	AV Start Recording	
1201	AV Stop Recording	
1202	AV Camera Preset	
1203	AV Monitor Camera	
1204	AV Camera Quality	
1205	AV Start Archiving	
1206	AV Send Alarm	
1207	AV Start Recording Associated Terminal	
1208	AV Stop Recording Associated Terminal	
1209	AV Start Recording Associated Input	
1210	AV Stop Recording Associated Input	
1211	Security Level Set Red	
1212	Security Level Set Orange	
1213	Security Level Set Yellow	
1214	Security Level Set Blue	
1215	Security Level Set Green	
1216	Security Level Clear	
1217	Security Level Set Other	
1218	Launch AV Player	
1219	AV Complete Alarm	
1220	AV Send Alarm Associated Terminal	
1221	AV Complete Alarm Associated Terminal	
1222	AV Send Alarm Associated Input	
1223	AV Complete Alarm Associated Input	
1300	Identifier add Access Group / Timezone	

Set Name **Event Action Type**
Set ID 100030

Value	Name	Comment
1301	Identifier remove Access Group	
1302	Entity add Access Group / Timezone	
1303	Entity remove Access Group	
1304	Intrusion Zone Reset	
1305	Intrusion Zone Reset ACK	
1306	Intrusion Zone Bypass ON	
1307	Intrusion Zone Bypass OFF	
1308	Intrusion Area Arm	
1309	Intrusion Area Disarm	
1310	Intrusion Annunciator Activate	
1311	Intrusion Annunciator Deactivate	
1324	Set Badge Security Level	
1325	Set Badge Security Level to Reader Security Level	
2000	CK722 BACnet Write Attribute	
2016	Intrusion Annunciator Silence	
2017	Intrusion Zone Acknowledge	
2020	CK722 Download Access Groups	
2021	CK722 Download Access Profiles	
2022	CK722 Download Entities	
2023	CK722 Download Entity Group	
2024	CK722 Download Identifiers	
2025	CK722 Download Intrusion Groups	
2026	Anti-Passback Entity IN	
2027	Anti-Passback Entity OUT	
2028	Anti-Passback Entity Undefined	
2029	Anti-Passback Reset All	
2031	Anti-Passback Initial Entity Resync	
2032	Anti-Passback Update Entity Status	
2033	MCO Status Change	
2034	Remote	
2035	Unremote	
2036	Monitor Start	
2037	Monitor Stop	
2038	Unisolate	
2039	Isolate	

Set Name

Event Action Type

Set ID

100030

Value	Name	Comment
3000	MSEA Interlock	

Set Name

Event Trigger Category Type

Set ID

200112

Value	Name	Comment
0	Badge	
1	Panel	
2	Terminal	
3	Input Point	
4	Output Point	
5	Operator	
6	Time Zone	
7	Date / Time	
8	Counter	
9	Mustering	
10	Area	
11	External Trigger	
12	Zenitel Intercom Station	
13	Alarm	
14	AV	
15	S300 Hardware	
16	Occupancy Object	
17	Notification Object	
18	Anti Passback Object	
19	Aniti Loitering Object	
20	Audit	
21	Intrusion Annunciator	
22	Intrusion Area	
23	Intrusion Keypad	
24	Intrusion Zone	
25	Intrusion Device	
26	Work Schedule	
27	Time & Attendance Reader	
28	Multi Command Object	
29	Interlock Object	

Set Name

Event Trigger Category Type

Set ID

200112

Value	Name	Comment
30	Jacques Intercom Station	
31	Integration Server	
32	Integration Device	
33	Integration Station	
34	XMan XRay Machine	
35	Stop and Search	
36	XMan Holding Room	
37	Station	
38	Lane Equipment Cabinet Door	
39	Automatic Payment Machine	

Set Name

Event Trigger Condition Logic

Set ID

100132

Value	Name	Comment
0	Equal	
1	Not Equal	
2	Less or Equal	
3	Greater or Equal	
4	Less	
5	Greater	

Set Name

Event Trigger Condition Type

Set ID

100131

Value	Name	Comment
0	Date	
1	Time	
2	Month	
3	Week	
4	Day of Month	
5	Day of Week	
6	Day of even weeks	

Set Name **Event Trigger Condition Type**
Set ID 100131

Value	Name	Comment
7	Day of odd weeks	
8	Entity Name	
9	Access Badge Number	
10	Panel Name	
11	Terminal Index	
12	Terminal Name	
13	Input Number	
14	Input Name	
15	Output Number	
16	Output Name	
17	Terminal Access Group	
18	Time Zone Name	
19	Time Zone Active	
20	Operator	
21	Counter Value	
22	Badge Access Group	
23	Area Alarm Set	
24	Area Alarm Reset	
25	Mustering start & stop	
26	External Trigger	
27	Intercom Station	
28	Badge Reason	
29	Alarm State	
30	Badge Configuration	
31	AV Camera Name	
32	AV Site Name	
33	AV Dry Contact	
34	UDF Value	
35	Intrusion Device Name	
36	Intrusion Annunciator Name	
37	Intrusion Area Name	
38	Intrusion Zone Name	
39	Alarm Category	
40	Escalation Level	
41	Badge Purpose	
42	S300 HW Module Name	
43	Occupancy Name	
44	Notification Name	
45	Anti Passback Name	

Set Name

Event Trigger Condition Type

Set ID

100131

Value	Name	Comment
46	Anti Loitering Name	
47	Intrusion Keypad Name	
48	Work Schedule Name	
49	T&A Reader Name	
50	Entity People Category	
51	MCO Name	
52	Interlock Name	
53	Item Name	
54	Station Name	
55	Always	
56	Identifier Badge Number	

Set Name

Event Trigger Type

Set ID

100130

Value	Name	Comment
0	<new>	
1	Reader Terminal Goes Up (transition)	
5	Reader Terminal Goes Down (transition)	
10	System Facility Code Error	
17	Output Goes Set (transition)	
18	Output Goes Reset (transition)	
19	Reader locked	
20	Reader unlocked	
21	Reader held open	
22	Reader forced open	
33	Invalid Badge	
34	Anti-Passback Timer On	
35	Invalid Reader	
36	Invalid In-X-It Status	
37	Invalid Access Group Timezone	
38	Invalid Pin Code	
39	Invalid Issue Level	
41	Invalid Security Level	
42	Invalid Reader Time Zone	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
43	Time Override Expired	
44	Invalid Keypad Event	
45	Invalid Event Privilege Level	
46	Invalid Biometric	
47	Deny Open Door	
48	Denied intrusion area armed	
65	Host Grant	
67	Executive Privilege	
68	Local Grant	
69	Timed Override Enabled	
70	Timed Override Disabled	
71	Timed Override Enabled Host	
72	Timed Override Disabled Host	
73	Panel Card Event Activated	
74	Panel Card Event Deactivated	
75	Soft In-X-It Violation	
78	Valid & Unauthorized Access	
79	Any Access Grant	
80	Any Access Deny	
224	Panel Goes Online (transition)	
228	Panel Goes Offline (transition)	
266	Host Grant Entry	
267	Host Grant Exit	
292	Input Terminal Goes Up (transition)	
293	Output Terminal Goes Up (transition)	
294	Input Terminal Goes Down (transition)	
295	Output Terminal Goes Down (transition)	
4097	Central data request	
4098	Central status request	
4105	Alternate Access	
4107	No Entry	
4111	Pin attempts exceeded	
4113	Invalid access group	
4115	Invalid access mask	
4116	Invalid access level	
4117	Invalid security mask	
4121	Occupancy violation	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
4122	Invalid Override Time	
4123	Invalid override privilege	
4124	Central data unreachable	
4125	Central status unreachable	
4126	Central access denied	
4127	Access rights expired	
4128	Entity expired	
4129	Unaccompanied asset rule	
4130	Unaccompanied entity rule	
4131	Incomplete group rule	
4133	Unaccompanied asset	
4134	Unaccompanied entity	
4135	Incomplete group	
4137	Invalid access profile	
4138	Inconsistent identifiers	
4140	Invalid smart card signature	
4353	Reader fault	
4354	Reader locked and Open	
4355	Reader locked and closed	
4356	Reader unlocked and open	
4357	Reader unlocked and closed	
4358	DSO unknown	
4359	Suppress propped door on	
4360	Suppress propped door off	
4361	Suppress forced door on	
4368	Suppress forced door off	
4688	Output Goes Unknown (transition)	
4704	Notification Events Dropped	
20487	Panel Load Database From Flash (transition)	
40976	Occupancy within limits	
40977	Occupancy at low limit	
40978	Occupancy at high limit	
40979	Occupancy below low limit	
40980	Occupancy above high limit	
40992	Operational	
40993	Not Operational	
40994	Peers offline	
40995	Star center offline	
41008	Hardware module operational	

Set Name

Event Trigger Type

Set ID

100130

Value	Name	Comment
41009	Hardware module not operational	
41010	Hardware module upgrading	
41011	Hardware module upgrade failed	
41012	Hardware module fault	
41040	Violation	
41220	Entity - Resynchronize Request	
41221	Entity - Transition In	
41222	Entity - Transition Out	
41223	Entity - Transition Undefined	
41224	Entity - Reset Entry Time	
41225	Entity - Reset Exit Time	
41232	Entity - Set To Default Status	
65552	Operator Logon	
65553	Operator Logoff	
65554	Mustering Start	
65555	Mustering Stop	
65556	Area Maximum allowed alarm	
65557	Area Pre-Maximum allowed alarm	
65558	Area Minimum required alarm	
65568	Invalid Logon	
65569	Logon Disabled	
65792	Input Goes Reset (transition)	
65793	Input Goes Set (transition)	
65794	Input Goes Short (transition)	
65795	Input Goes Open (transition)	
65796	Input Is Secure (steady state)	
65797	Input Is Set (steady state)	
65798	Input Is Short (steady state)	
65799	Input Is Open (steady state)	
65800	Input Goes Suppressed (transition)	
65801	Input is suppressed (steady state)	
65808	Input Goes Unknown (transition)	
66048	Panel Is Up (steady state)	
66049	Panel Is Down (steady state)	
66304	Reader Terminal Is Up (steady state)	
66305	Reader Terminal Is Down (steady state)	
66306	Input Terminal Is Up (steady state)	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
66307	Input Terminal Is Down (steady state)	
66308	Output Terminal Is Up (steady state)	
66309	Output Terminal Is Down (steady state)	
66560	Output Is Set (steady state)	
66561	Output Is Reset (steady state)	
66562	Output state is unknown (steady state)	
66817	RS232	
66818	TCPIP	
66819	Database	
66820	File	
67072	Station Idle (transition)	
67073	Station Busy (transition)	
67074	Station Connected (transition)	
67075	Station Call Request (transition)	
67329	Generic Inputs	
67330	Inputs	
67331	Area	
67332	Guard Tour	
67333	Muster Running	
67334	Muster Zone Status	
67335	Muster When Disabled	
67336	Muster Aborted	
67337	Loop Tamper	
67338	Event Alarm	
67339	MSEA Alarm	
67340	AV Motion Alarm	
67341	AV Behavior Alarm	
67342	AV Video Loss Alarm	
67343	AV Dry Contact Alarm	
67344	AV System Alarm	
67345	Intrusion Zone	
67346	Access Rights Expired	
67347	Alternate Access Granted	
67348	Asset Tracked	
67349	Central Access Denied	
67351	Central Data Unreachable	
67352	Central Status Unreachable	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
67353	Entity Expired	
67354	Entity Tracked	
67355	Entity Validated	
67356	Error	
67357	Incomplete Group	
67358	Incomplete Group Rule	
67359	Inconsistent Identifiers	
67360	Invalid Access Level	
67361	Invalid Access Mask	
67362	Invalid Access Profile	
67363	Invalid Access Group	
67364	Invalid Access Group Timezone	
67365	Invalid Override Privilege	
67366	Invalid Override Time	
67367	PIN Attempts Exceeded	
67368	Invalid Security Mask	
67369	Invalid Smart Card Signature	
67370	Manual Panel Event	
67371	No Entry	
67372	Occupancy Violation	
67373	Portal Open Violation	
67374	Team Member Validated	
67375	Unaccompanied Asset	
67376	Unaccompanied Asset Rule	
67377	Unaccompanied Entity	
67378	Unaccompanied Entity Rule	
67379	Anti-Loitering Violation	
67380	Occupancy Limit	
67381	Fault	
67382	Anti-Passback Not Operational	
67383	Anti-Passback On	
67386	Output	
67387	Biometric Mismatch	
67388	Deny Intrusion Area Armed	
67389	Door Status	
67390	Facility Code Error	
67391	Hardware Module not operational	
67392	Hardware Module upgrade failed	
67393	Hardware Module upgrading	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
67394	Intrusion Annunciator	
67395	Intrusion Area Arm State	
67399	Intrusion Zone Arm State	
67402	Invalid Card	
67403	Invalid Entity	
67404	Invalid Event	
67405	Invalid Event Privilege	
67406	Invalid Entry-Exit	
67407	Invalid Issue Level	
67408	Invalid PIN Code	
67409	Invalid Reader	
67410	Invalid Security Level	
67411	Local Grant	
67412	Manual Reader	
67413	Notification Event Dropped	
67417	Timed Override	
67418	Panel Down	
67419	Forced Door Suppressed	
67420	Controller Event Activate	
67421	Controller Event Inactive	
67422	Memory Low	
67423	Propped Door Suppressed	
67424	Intrusion Area	
67425	Fast Download Started	
67426	Fast Download Failed	
67427	Fast Download Succeeded	
67428	Elevator	
67429	Elevator Controller Not Operational	
67430	Reader Duress	
67431	Soft AntiPassback Violation	
67432	Soft Occupancy Violation	
67433	Executive Privilege	
67434	Intrusion Annunciator Silence	
67435	Firmware Upgrade Failed	
67436	High CPU Usage	
67437	Anti-Passback Resynch	
67438	Anti-Passback Reset	
67440	Entity Transition In	
67441	Entity Transition Out	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
67442	Entity Transition Undefined	
67443	Entity Entry Time Reset	
67444	Entity Exit Time Reset	
67445	Entity Configuration Mismatch	
67446	ACO not operational	
67447	Interlock State	
67448	Integration Server	
67449	Time Synchronization Problem	
67450	XMan X-Ray Machine	
67451	Device Failure	
67452	Device Down	
67453	LEC Door Status	
67454	APM Status	
67584	AV Motion Alarm	
67585	AV Behavior Alarm	
67586	AV Video Loss Alarm	
67587	AV Dry Contact Alarm	
67588	AV System Alarm	
67861	Area Disarmed (Steady)	
67862	Area Armed (Steady)	
67863	Zones Bypassed (Steady)	
67864	Zone Not Bypassed (Steady)	
67865	Zone Sealed (Steady)	
67866	Zone Unsealed (Steady)	
67867	Area Disarmed (Transition)	
67868	Area Armed (Transition)	
67869	Zone Tampered (Steady)	
67870	Zone Alarmed (Steady)	
67871	Zone Bypassed (Steady)	
67872	Zone Open (Steady)	
67873	Zone Normal (Steady)	
67874	Zone Tampered	
67875	Zone Alarmed	
67876	Zone Bypassed	
67877	Zone Open	
67878	Zone Normal	
69634	Station Active (Steady)	
69635	Station Inactive (Steady)	
70144	LEC Open	

Set Name

Event Trigger Type

Set ID

100130

Value	Name	Comment
70145	LEC Propped	
70146	LEC Forced	
70147	LEC Closed	
70912	APM Tamper	
70913	APM Clear	
71168	APM Tamper (Steady)	
71169	APM Clear (Steady)	
196608	Annunciator Silenced	
196609	Annunciator Error	
196610	Annunciator Unknown	
196611	Annunciator Active	
196612	Annunciator Inactive	
196615	Area Mixed	
196616	Area Arming	
196617	Area Disarming	
196618	Area Error	
196619	Area Unknown	
196620	Area Fault	
196621	Keypad Error	
196622	Keypad Unknown	
196623	Zone Alarm	
196625	Zone Acknowledged	
196626	Zone Error	
196627	Zone Unknown	
196630	Zone Alarm/Tamper	
196631	Zone Alarm/Open	
196632	Zone Alarm/Short	
196633	Zone Armed	
196634	Zone Disarmed	
196635	Zone Fault	
196636	Zone Arming	
196637	Zone Disarming	
196638	Zone Unbypassed	
196641	Zone Sealed	
196642	Area Zones Bypassed	
196643	Area Zones Unbypassed	
196644	Area Zones Sealed	
196645	Area Zones Unsealed	
196646	Area Alarm	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
196647	Area Alarm Off	
196648	Zone Tamper Off	
196649	Zone Alarm Off	
200704	Device Connected	
200705	Device Disconnected	
200706	Invalid Vendor Address	
200707	Valid Vendor Address	
200708	Port Opened	
200709	Port Closed	
200710	Mains Failure	
200711	Mains Normal	
200712	Battery Low	
200713	Battery Normal	
200714	Battery Test	
200715	Battery Test Done	
200716	Battery Test Failure	
200717	Battery Test Success	
200718	Battery Missing	
200719	Battery In Place	
200961	Fast Download Started	
200962	Fast Download Successful	
200963	Fast Download Failed	
200964	CPU Usage Too High	
200965	Memory Low	
200966	Memory OK	
200967	Firmware Upgrade Failed	
200968	Work Schedule Start	
200969	Work Schedule End	
200970	T&A Shift Start	
200971	T&A Shift End	
200972	T&A Break Start	
200973	T&A Break End	
200974	T&A Lunch Start	
200975	T&A Lunch End	
200976	Time&Attendance Shift Start	
200977	Time&Attendance Shift End	
200978	Time&Attendance Break Start	
200979	Time&Attendance Break End	
200980	Time&Attendance Lunch Start	

Set Name

Event Trigger Type

Set ID

100130

Value	Name	Comment
200981	Time&Attendance Lunch End	
200982	Work Schedule Grace Period Start	
200983	Work Schedule Grace Period End	
200984	Break Off Site	
200985	Break On Site	
201216	MCO State 0 (Transition)	
201217	MCO State 1 (Transition)	
201218	MCO State 2 (Transition)	
201219	MCO State 3 (Transition)	
201220	MCO State 4 (Transition)	
201221	MCO State 5 (Transition)	
201222	MCO State 6 (Transition)	
201223	MCO State 7 (Transition)	
201224	MCO State 8 (Transition)	
201225	MCO State 9 (Transition)	
201226	MCO State 10 (Transition)	
201227	MCO State 11 (Transition)	
201228	MCO State 12 (Transition)	
201229	MCO State 13 (Transition)	
201230	MCO State 14 (Transition)	
201231	MCO State 15 (Transition)	
201232	MCO State 16 (Transition)	
201233	MCO State 17 (Transition)	
201234	MCO State 18 (Transition)	
201235	MCO State 19 (Transition)	
201236	MCO State 20 (Transition)	
201237	MCO State 21 (Transition)	
201238	MCO State 22 (Transition)	
201239	MCO State 23 (Transition)	
201240	MCO State 24 (Transition)	
201241	MCO State 25 (Transition)	
201242	MCO State 26 (Transition)	
201243	MCO State 27 (Transition)	
201244	MCO State 28 (Transition)	
201245	MCO State 29 (Transition)	
201246	MCO State 30 (Transition)	
201247	MCO State 31 (Transition)	
201248	MCO State All (Transition)	
201296	MCO State 0 (Steady)	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
201297	MCO State 1 (Steady)	
201298	MCO State 2 (Steady)	
201299	MCO State 3 (Steady)	
201300	MCO State 4 (Steady)	
201301	MCO State 5 (Steady)	
201302	MCO State 6 (Steady)	
201303	MCO State 7 (Steady)	
201304	MCO State 8 (Steady)	
201305	MCO State 9 (Steady)	
201306	MCO State 10 (Steady)	
201307	MCO State 11 (Steady)	
201308	MCO State 12 (Steady)	
201309	MCO State 13 (Steady)	
201310	MCO State 14 (Steady)	
201311	MCO State 15 (Steady)	
201312	MCO State 16 (Steady)	
201313	MCO State 17 (Steady)	
201314	MCO State 18 (Steady)	
201315	MCO State 19 (Steady)	
201316	MCO State 20 (Steady)	
201317	MCO State 21 (Steady)	
201318	MCO State 22 (Steady)	
201319	MCO State 23 (Steady)	
201320	MCO State 24 (Steady)	
201321	MCO State 25 (Steady)	
201322	MCO State 26 (Steady)	
201323	MCO State 27 (Steady)	
201324	MCO State 28 (Steady)	
201325	MCO State 29 (Steady)	
201326	MCO State 30 (Steady)	
201327	MCO State 31 (Steady)	
201472	Interlock State False	
201473	Interlock State True	
201474	Interlock State Fault	
201728	Integration Server Up	
201729	Integration Server Down	
201730	Time Synch Problem	
201744	Integration Device Up	
201745	Integration Device Down	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
201776	Logged On	
201777	Logged Off	
201778	Not Installed	
201779	Not Ready	
201780	Ready	
201781	Busy	
201782	Hold	
201792	Offline	
201793	Idle	
201794	Call Request	
201795	Call On Hold	
201796	Incoming Call	
201797	Connect Station	
201798	Call Terminated	
201799	Isolated	
201800	Fault	
201801	Tamper	
201803	Remoted	
201804	Monitor Started	
201805	Monitor Stopped	
201806	Unisolated	
201807	Unremoted	
201808	Fault Recovered	
201809	Tamper Recovered	
201984	Invalid	
201985	Not Connected	
201986	Ready	
201987	Busy	
201988	Created	
201989	Configured	
201990	Fatal Error	
201991	Not Ready	
202000	Scan Status Invalid	
202001	Scan Done	
202002	Scan Rejected	
202003	Scan Aborted	
202004	Scan Do	
202005	Scan Dummy	
202006	Scan Timeout	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
202007	Scan Done Forced	
202008	Scan Operator Override	
202009	Scan Error	
202010	Scan Search	
202011	Scan Search Forced	
202012	Scan Dummy Forced	
202013	Scan Manual Rec	
202040	Free Pass	
202041	Released	
202042	Interviewed	
202043	Released After Interview	
202044	Retained After Interview	
262160	Beginning Of Period	
262161	End Of Period	
262176	Time/Date	
327712	Add Access Badge	
327713	Edit Access Badge	
327714	Delete Access Badge	
327715	Add Cardholder	
327716	Edit Cardholder	
327717	Delete Cardholder	
327718	Add Identifier Badge	
327719	Edit Identifier Badge	
327720	Delete Identifier Badge	
398336	Integration Server Down (Steady)	
398337	Integration Server Up (Steady)	
398338	Time Synch Problem (Steady)	
398352	Integration Device Up (Steady)	
398353	Integration Device Down (Steady)	
398384	Logged On (Steady)	
398385	Logged Off (Steady)	
398386	Not Installed (Steady)	
398387	Not Ready (Steady)	
398388	Ready (Steady)	
398389	Busy (Steady)	
398390	Hold (Steady)	
398592	Invalid (Steady)	
398593	Not Connected (Steady)	
398594	Ready (Steady)	

Set Name **Event Trigger Type**
Set ID 100130

Value	Name	Comment
398595	Busy (Steady)	
398596	Created (Steady)	
398597	Configured (Steady)	
398598	Fatal Error (Steady)	
398599	Not Ready (Steady)	
398848	Station Calling (Steady)	
398849	Station Connected (Steady)	
398850	Station Fault (Steady)	
398851	Station Idle (Steady)	
398852	Station Monitored (Steady)	
398853	Station Offline (Steady)	
398854	Station On Hold (Steady)	
398855	Station Pending Calls (Steady)	
398856	Station Tamper (Steady)	
464384	Station Calling (Transition)	
464385	Station Connected (Transition)	
464386	Station Fault (Transition)	
464387	Station Idle (Transition)	
464388	Station Monitored (Transition)	
464389	Station Offline (Transition)	
464390	Station On Hold (Transition)	
464391	Station Pending Calls (Transition)	
464392	Station Tamper (Transition)	
3145749	Zone Alarm/Trouble	
305485618	FDA	
305530658	Cluster Redundancy Failover	
305530673	DT Redundancy Failover	
305530674	Remote Messaging Receive	
305596210	Remote Messaging Transmit	
305661746	DT Redundancy Standby Server Offline	
305725440	SMTE	
305727282	DT Redundancy Standby Server Isolation IP Failure	
305727283	DT Redundancy Monitoring	
305727284	DT Redundancy Mirroring	
305727285	Public Connection Disconnected on Temporary Server	
305727286	Private Connection Disconnected (Temporary Server)	

Set Name

Event Trigger Type

Set ID

100130

Value	Name	Comment
305727287	Public Connection Disconnected on Standby Server	
305727288	Private Connection Disconnected on Standby Server	
305727289	Remote Redundancy Primary Server Operational	
305727290	Remote Redundancy Standby Server Operational	
305790976	Request Queue	
305856512	In Exit	
305922048	Badge Trace	
305987584	Intercom Stataion Lost Communication	
2022770482	Time Sync	

Set Name

External IP Usage Mask

Set ID

200505

Defines the bits for the external ip usage mask

Value	Name	Comment
1	BACnet Interface	
2	XML RPC	

Set Name

FDA Classification

Set ID

100103

Value	Name	Comment
0	Unknown	
1	Configuration	
2	Security Status Information	
3	Status Information	
4	History	
5	Temporary Records	
6	Processing Commands	

Set Name

FDA Classification

Set ID

100103

Value	Name	Comment
7	System Records	

Set Name

Firmware Revision

Set ID

100150

Value	Name	Comment

Set Name

Guard Tour Station Type

Set ID

100077

Value	Name	Comment
0	Input	
1	Reader	

Set Name

Guard Tour Status

Set ID

100078

Value	Name	Comment
1	Idle	
2	Started	
3	Running	
4	Early	
5	Late	
6	Out of Order	
7	Stopped	
8	Aborted	
9	Completed	
10	Alarm	

Set Name

Guard Tour Status

Set ID

100078

Value	Name	Comment
11	Terminated	

Set Name

Guard Tour Type

Set ID

100079

Value	Name	Comment
0	Manual	
1	Auto Forward	
2	Auto Reverse	
3	Random	
4	Manual Forward	
5	Manual Reverse	

Set Name

Hardware Family

Set ID

100036

Value	Name	Comment
0	Unknown	
1	CK7xx	
2	D6xx/S320	
3	P900	
4	S321	
5	BACnet	

Set Name

Hardware Model

Set ID

100037

Value	Name	Comment
0	Unknown	
1	CK720	

Set Name

Hardware Model

Set ID

100037

Value	Name	Comment
2	CK705	
4	D620	
5	D620 TIU	
6	D620 AP	
7	S320	
8	P900	
9	S321	
10	CK722	

Set Name

Hardware Status

Set ID

100038

Value	Name	Comment
0	Unknown	
1	Up	
2	Down	

Set Name

History Category (Display / Reports)

Set ID

100125

Value	Name	Comment
-1	<all>	
1	Panel	
2	Access Deny	
3	Access Grant	
4	Assisted Access	
5	Elevator	
6	Input Point	
7	Host	
8	Guard Tour	
9	Area	
10	Audio-Visual	
12	Output Point	

Set Name

History Category (Display / Reports)

Set ID

100125

Value	Name	Comment
13	Terminal	
14	Intrusion Area	
15	Intrusion Zone	
16	Intrusion Annunciator	
17	Intrusion Keypad	
18	Stop & Search	
19	Intrusion Device	

Set Name

History Category (Filtering)

Set ID

200106

Value	Name	Comment
0	Unknown	
1	Panel	
2	Alarm	
4	Access Deny	
8	Access Grant	
16	Host	
32	Guard Tour	
64	Elevator	
128	Cabinet	
256	Area	
512	Mustering	
1024	Audio Video	
2048	Intrusion	
4096	Trace	

Set Name

History Sub Type

Set ID

200503

Value	Name	Comment
0	AccessGrantDetailNA	
1	AccessGrantDetailByAccessGroup	

Set Name **History Sub Type**
Set ID 200503

Value	Name	Comment
2	AccessGrantDetailByAccessLevel	
3	AccessGrantDetailByAccessLevel AndGroup	
4	AccessGrantDetailByAccessMask	
5	AccessGrantDetailByAccessMask AndGroup	
6	AccessGrantDetailByAccessMask AndLevel	
7	AccessGrantDetailByAccessMaska ndLevelAndGroup	
8	AccessGrantDetailByExecutivePriv ilege	
9	AccessGrantDetailBySecurityLevel AndMask	
26	S300PresentValueNotInitialized	
27	S300PresentValueOperational	
28	S300PresentValueOffline	
29	S300PresentValueFault	
30	S300PresentValueUpgrading	
31	S300FaultCauseNone	
32	S300FaultCauseTypeMismatch	
33	S300FaultCauseAddressConflict	
34	S300FaultCauseInvalidModuleNu mber	
35	AntiLoiteringObjectModeNormal	
36	AntiLoiteringObjectModeFault	
37	AntiLoiteringObjectModeOffNormal	
38	AntiPassbackFaultCauseNone	
39	AntiPassbackFaultCauseInvalidCo nfiguration	
40	AntiPassbackFaultCauseOutOfMe mory	
45	PeerStatusUnused	
46	PeerStatusOperational	
47	PeerStatusNot_Operational	
48	PeerStatusOffline	
49	AntiPassbackModeLocal	
50	AntiPassbackModeShared	
51	AntiPassbackModeCentral	
52	AntiPassbackModeInvalid	
53	OccupancyObjectModeNormal	
54	OccupancyObjectModeFault	
55	OccupancyObjectModeOffNormal	

Set Name **History Sub Type**
Set ID 200503

Value	Name	Comment
56	DSOFaultNone	
57	DSOFaultTimedOverrideWarning	
58	DSOFaultRedLight	
59	DSOFaultGreenLight	
60	DSOFaultShuntWarning	
61	DSOFaultShunt	
62	DSOFaultAccess	
63	DSOFaultAuxiliaryInput	
64	DSOFaultStuckLocked	
65	DSOFaultStuckUnlocked	
66	DSOFaultLockMonitor	
67	DSOFaultPortalContact	
68	DSOFaultReaderTerminal	
69	ACOFaultNone	
70	ACOFaultOutOfMemory	
71	ACOFaultGeneral	
72	OccupancyFaultNone	
73	OccupancyFaultInvalidConfiguration	
74	OccupancyFaultOutOfMemory	
75	ACOFaultMissingDataRecord	
76	ACOFaultErrorAccessing	
77	Elevator HW Fault Cause None	
78	Elevator HW Fault Cause Port	
79	Elevator HW Fault Cause Task	
80	Elevator Present Value Not Initialized	
81	Elevator Present Value Operational	
82	Elevator Present Value Offline	
83	Elevator Present Value Fault	
84	Portal Timed Override	
85	Portal Permanent Override	
86	Unknown result code	
87	Short or Resistance too Low	
88	Open or Resistance too High	
89	Uncalibrated as 2-state input	
90	Module offline	
91	Calibrated as 4-state input	
92	Unsupported Module	
93	Unsupported Input	

Set Name History Sub Type
Set ID 200503

Value	Name	Comment
94	Out of service	
95	Initiated calibration	
96	Initiated uncalibration	
97	ACOFaultDoorSequence	
98	ACOFaultPrimaryReader	
99	ACOFaultSecondaryReader	
100	Male	
101	Female	

Set Name History Type
Set ID 228673

Value	Name	Comment
-2	<unknown>	
-1	<all>	
0	HT_MAJOR_SYSTEM	
1	Reader Up	
3	System Restart	
5	Reader Down	
8	System Image Success	
9	System Image Fail	
10	Facility Code Error	
11	System Event Activated	
12	System Event Deactivated	
15	Unlock All Doors	
16	Lock All Doors	
17	Output Set	
18	Output Reset	
19	Reader Locked	
20	Reader Unlocked	
21	Reader Held Open	
22	Reader Forced Open	
23	Valid and Unauthorized	
32	Major Deny	
33	Invalid Card	
34	Anti-Passback On	

Set Name

History Type

Set ID

228673

Value	Name	Comment
35	Invalid Reader	
36	Invalid Entry-Exit	
37	Invalid Access Group Timezone	
38	Invalid PIN Code	
39	Invalid Issue Level	
40	Host Deny (NMAN Rule)	
41	Invalid Security Level	
42	Invalid Reader Timezone	
43	Timed Override Expired	
44	Invalid Event	
45	Invalid Event Privilege	
46	Biometric Mismatch	
47	Open Door	
48	Denied Intrusion Area Armed	
64	Major Grant	
65	Host Grant	
67	Executive Privilege	
68	Local Grant	
69	Timed Override Enabled	
70	Timed Override Disabled	
71	Timed Override Enabled Host	
72	Timed Override Disabled Host	
73	Panel Card Event Activated	
74	Panel Card Event Deactivated	
75	Soft In-X-it Violation	
76	Assisted Access	
77	Assisted Access Host	
78	Manual Reader	
79	Elevator Access Grant	
80	Reader Egress	
81	Duress Grant	
82	Host Duress Grant	
96	Alarm Set	
97	Alarm Reset	
98	Alarm Acknowledge	
99	D620 Tamper Alarm Set	
100	D620 Tamper Alarm Reset	
101	Door Open Alarm	
102	Duress	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
103	PIN Code Retry Alarm	
104	Forced Door Alarm	
105	Card Parity Alarm	
106	Prox Card Low Battery Alarm	
107	D620 AC Power Set Alarm	
108	D620 AC Power Reset Alarm	
109	D620 Low Battery Set Alarm	
110	D620 Low Battery Reset Alarm	
111	Reader Low Battery Set Alarm	
112	Reader Low Battery Reset Alarm	
113	Reader AC Set Alarm	
114	Reader AC Reset Alarm	
115	Reader Tamper Set Alarm	
116	Reader Tamper Reset Alarm	
117	Alarm Open	
118	Alarm Short	
123	Calibrated	
125	Alarm Suppressed	
128	APM Tamper Set	
129	APM Tamper Clear	
144	LEC Open	
145	LEC Propped	
146	LEC Forced	
147	LEC Closed	
224	Node Up	
225	Fallback	
226	Converter Tamper Set Alarm	
227	Converter Tamper Reset Alarm	
228	Node Down	
256	Redundancy Primary System	
257	Redundancy Standby System	
258	Redundancy Data Link	
259	Redundancy IO Link	
260	Redundancy HD Primary System	
261	Redundancy HD Standby System	
264	Redundancy Serial PS Link	
266	Host Grant Entry	
267	Host Grant Exit	
268	Host Duress Grant (Entry)	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
269	Host Duress Grant (Exit)	
287	VCR Tape Low	
288	Major Module	
289	VCR Reel Lock	
290	VCR Cylinder Lock	
291	VCR Mechanical Lock	
292	Input Module Up	
293	Output Module Up	
294	Input Module Down	
295	Output Module Down	
296	All Modules Up	
297	All Modules Down	
768	CCTV No Response	
769	CCTV Incorrect Response	
770	CCTV Control Down-Up	
771	CCTV Control Up-Down	
772	CCTV Normal	
773	AV Monitor Set	
774	AV Monitor Not Set	
775	AV Camera Set	
776	AV Camera Not Set	
777	CCTV Command Error	
778	CCTV Transmission Error	
784	Input Point Pending Alarm	
785	Input Point Acknowledged Alarm	
786	Input Point Responded Alarm	
787	Input Point Pending Secure	
788	Input Point Acknowledged Secure	
789	Input Point Responded Secure	
790	Input Point Pending Open	
791	Input Point Acknowledged Open	
792	Input Point Responded Open	
793	Input Point Pending Short	
794	Input Point Acknowledged Short	
795	Input Point Responded Short	
1024	Redundancy Crash	
1025	Redundancy Restore	
1026	Redundancy Power Up	
1027	Redundancy Shutdown	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
1028	Redundancy Started	
1029	Redundancy Network Failure	
1030	Redundancy Network Restore	
1031	Redundancy Serial Failure	
1032	Redundancy Serial Restore	
1033	Redundancy Wall Power UPS	
1034	Redundancy Periodic Check	
1035	Redundancy Modem Check	
1280	Intrusion Annunciator Silence	
1281	Intrusion Annunciator Error	
1282	Intrusion Annunciator Unknown	
1283	Intrusion Annunciator Active	
1284	Intrusion Annunciator Inactive	
1296	Intrusion Area Armed	
1297	Intrusion Area Disarmed	
1298	Intrusion Area Mixed	
1300	Intrusion Area Arming	
1301	Intrusion Area Disarming	
1302	Intrusion Area Error	
1303	Intrusion Area Unknown	
1304	Intrusion Area Fault	
1312	Intrusion Keypad Error	
1313	Intrusion Keypad Unknown	
1328	Intrusion Zone Alarm	
1329	Intrusion Zone Bypass	
1332	Intrusion Zone Acknowledge	
1333	Intrusion Zone Error	
1334	Intrusion Zone Unknown	
1335	Intrusion Zone Normal	
1337	Intrusion Zone Alarm Trouble	
1338	Intrusion Zone Alarm Tamper	
1339	Intrusion Zone Alarm Open	
1340	Intrusion Zone Alarm Short	
1341	Intrusion Zone Armed	
1342	Intrusion Zone Disarmed	
1343	Intrusion Zone Fault	
1344	Intrusion Zone Arming	
1345	Intrusion Zone Disarming	
1346	Intrusion Zone Unbypassed	

Set Name

History Type

Set ID

228673

Value	Name	Comment
1347	Intrusion Zone Tamper	
1348	Intrusion Zone Open	
1349	Intrusion Zone Sealed	
1350	Intrusion Area Zones Bypassed	
1351	Intrusion Area Zones Unbypassed	
1352	Intrusion Area Zones Sealed	
1353	Intrusion Area Zones Unsealed	
1354	Device Connected	
1355	Device Disconnected	
1356	Device Invalid Vendor Address	
1357	Device Valid Vendor Address	
1358	Device Port Opened	
1359	Device Port Closed	
1360	Device Mains Failure	
1361	Device Mains Normal	
1362	Device Battery Low	
1363	Device Battery Normal	
1364	Device Battery Test	
1365	Device Battery Test Done	
1366	Device Battery Test Failure	
1367	Device Battery Test Success	
1368	Device Battery Missing	
1369	Device Battery Inplace	
1536	Invalid Entity	
2023	Memory Low	
2024	Memory Normal	
4096	ACO Error	
4097	Central Data Request	
4098	Central Status Request	
4099	Manual Panel Event	
4101	Asset Tracked	
4102	Entity Tracked	
4103	Entity/Asset Validated	
4104	Team Member Validated	
4105	Alternate Access Granted	
4107	No Entry	
4111	PIN Attempts Exceeded	
4113	Invalid Access Group	
4115	Invalid Access Mask	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
4116	Invalid Access Level	
4117	Invalid Security Mask	
4121	Occupancy Violation	
4122	Invalid Override Time	
4123	Invalid Override Privilege	
4124	Central Data Unreachable	
4125	Central Status Unreachable	
4126	Central Access Denied	
4127	Access Rights Expired	
4128	Entity Expired	
4129	Unaccompanied Asset Rule	
4130	Unaccompanied Entity Rule	
4131	Incomplete Group Rule	
4132	Portal Open Violation	
4133	Unaccompanied Asset	
4134	Unaccompanied Entity	
4135	Incomplete Group	
4137	Invalid Access Profile	
4138	Inconsistent Identifiers	
4140	Invalid Smart Card Signature	
4141	ACO operational	
4142	ACO Fault	
4143	ACO Unknownj	
4353	DSO Fault	
4354	Door Locked and Open	
4355	Door Locked and Closed	
4356	Door Unlocked and Open	
4357	Door Unlocked and Closed	
4358	Door Status Unknown	
4359	Suppress propped door on	
4360	Suppress propped door off	
4361	Suppress forced door on	
4362	Suppress forced door off	
4384	Fast Download Started	
4385	Fast Download Succeeded	
4386	Fast Download Failed	
4608	Supervised Input Unknown	
4688	Output Unknown	
4704	Notification Events Dropped	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
4720	Controller Event Activated	
4721	Controller Event Deactivated	
4722	Controller Event Error	
20481	Node Up Duplicate	
20482	Reader Status Unknown	
20483	Input Status Unknown	
20484	Output Status Unknown	
20485	Node Disconnected	
20486	Node Misconfigured	
20487	Panel Reboot from Flash	
20576	Input Point Set	
20577	Input Point Reset	
20597	Input Point Open	
20598	Input Point Short	
20599	Input Point Suppressed	
20600	Input Point Unknown	
24577	Event Triggered	
24578	Event Triggered Manually	
28673	Duress Alarm	
28674	Start	
28675	Running	
28676	Station Early	
28677	Station Late	
28678	Out of Order	
28679	Stopped	
28680	Restarted	
28681	Aborted	
28682	Completed	
28683	Late Time	
28684	Terminated	
28928	Counter Changed	
32769	Area Reader Exit	
32770	Area Reader Entry	
32771	Area Input Exit	
32772	Area Input Entry	
32773	Area Manual Exit	
32774	Area Manual Entry	
36865	AV Motion	
36866	AV Behavior	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
36867	AV Video Loss	
36868	AV Dry Contact	
36869	AV System	
40976	Occupancy Within Limits	
40977	Occupancy At Low Limit	
40978	Occupancy At High Limit	
40979	Occupancy Below Limit	
40980	Occupancy Above High Limit	
40981	Fault	
40982	Fault - Invalid Configuration	
40983	Out of Memory Fault	
40984	General Fault	
40985	Occupancy Fault	
40986	ACO Door Sequence Fault	
40987	ACO Primary Reader Fault	
40988	ACO Secondary Reader Fault	
40992	Anti-Passback Operational	
40993	Anti-Passback not Operational	
40994	Anti-Passback Peers Offline	
40995	Anti-Passback-Star Center Offline	
40996	Anti-Passback Fault	
41008	Hardware Module Operational	
41009	Hardware Module not Operational	
41010	Hardware Module Upgrading	
41011	Hardware Module Upgrade Failed	
41012	Hardware Module Fault	
41040	Anti-Loitering Violation	
41041	Unprocessed Event	
41066	Security Level Changed	
41072	Elevator Controller Operational	
41073	Elevator Controller Not Operational	
41074	Elevator Controller Fault	
41075	Soft AntiPassback Violation	
41076	Soft Occupancy Violation	
41088	CPU Usage too high	
41091	Firmware Upgrade Failed	
41092	Anti-Passback IN	
41093	Anti-Passback OUT	
41094	Anti-Passback Undefined	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
41095	Anti-Passback Resynch Request	
41096	Anti-Passback Reset	
41097	Work Schedule Start	
41098	Work Schedule End	
41099	T&A Shift Start	
41100	T&A Shift End	
41101	T&A Break Start	
41102	T&A Break End	
41103	T&A Lunch Start	
41104	T&A Lunch End	
41105	Work Schedule Grace Period Start	
41106	Work Schedule Grace Period End	
41476	Anti-Passback Entry Time Reset	
41477	Anti-Passback Exit Time Reset	
41728	MCO State 0	
41729	MCO State 1	
41730	MCO State 2	
41731	MCO State 3	
41732	MCO State 4	
41733	MCO State 5	
41734	MCO State 6	
41735	MCO State 7	
41736	MCO State 8	
41737	MCO State 9	
41738	MCO State 10	
41739	MCO State 11	
41740	MCO State 12	
41741	MCO State 13	
41742	MCO State 14	
41743	MCO State 15	
41744	MCO State 16	
41745	MCO State 17	
41746	MCO State 18	
41747	MCO State 19	
41748	MCO State 20	
41749	MCO State 21	
41750	MCO State 22	
41751	MCO State 23	
41752	MCO State 24	

Set Name

History Type

Set ID

228673

Value	Name	Comment
41753	MCO State 25	
41754	MCO State 26	
41755	MCO State 27	
41756	MCO State 28	
41757	MCO State 29	
41758	MCO State 30	
41759	MCO State 31	
41760	MCO State Unknown	
41984	Interlock False	
41985	Interlock True	
41986	Interlock Fault	
41987	Interlock Unknown	
45057	Intrusion Up	
45058	Intrusion Down	
45072	Integration Up	
45073	Integration Down	
45074	Time Synch Problem	
45075	Integration Heart Beat Received	
46352	Device Up	
46353	Device Down	
46368	Logged On	
46369	Logged Off	
46370	Not Installed	
46371	Not Ready	
46372	Ready	
46373	Busy	
46374	Hold	
46416	Offline	
46417	Idle	
46418	Call Request	
46419	Call on Hold	
46420	Incoming Call	
46421	Connect Station	
46422	Call Terminated	
46423	Isolated	
46424	Fault	
46425	Tamper	
46426	Unisolated	
46427	Remoted	

Set Name **History Type**
Set ID 228673

Value	Name	Comment
46428	Unremoted	
46429	Monitor Started	
46430	Monitor Stopped	
46431	Fault Recovered	
46432	Tamper Recovered	
50000	Entry (Random Search)	
50001	Entry (Manual Search)	
50002	Entry (Free Pass)	
50003	Exit (Random Search)	
50004	Exit (Manual Search)	
50005	Exit (Free Pass)	
50006	Entry (Guilty)	
50007	Exit (Guilty)	
50008	Free Pass	
50009	Released	
50010	Interviewed	
50011	Released After Interview	
50012	Retained After Interview	
50032	Invalid	
50033	Not Connected	
50034	Ready	
50035	Busy	
50036	Created	
50037	Configured	
50038	Fatal Error	
50039	Not Ready	
50048	Scan Status Invalid	
50049	Scan Done	
50050	Scan Rejected	
50051	Scan Aborted	
50052	Scan Do	
50053	Scan Dummy	
50054	Scan Timeout	
50055	Scan Done (Forced)	
50056	Scan Operator Override	
50057	Scan Error	
50058	Scan Search	
50059	Scan Search Forced	
50060	Scan Dummy Forced	

Set Name

History Type

Set ID

228673

Value	Name	Comment
50061	Scan Manual Rec	

Set Name

HolidayType

Set ID

100040

Value	Name	Comment
1	Type 1	
2	Type 2	
3	Type 3	

Set Name

Icon Image Set Type

Set ID

100133

Value	Name	Comment
0	Map	
1	Panel	
2	Input Terminal	
3	Reader	
4	Input Point	
5	Output Point	
6	Event	
7	Intercom Station	
8	Loop Tamper	
9	Camera	
10	AV Dry Contact	
11	Intrusion Area	
12	Intrusion Zone	
13	Intrusion Annunciator	
14	Intrusion Panel	
15	Counter	
16	Muster Zone	
17	Multiple Command Object	
18	Interlock	

Set Name

Icon Image Set Type

Set ID

100133

Value	Name	Comment
19	Output Terminal	
20	Integration Server	
21	Station	
22	XMan X-RAY Machine	
23	Integration Device	
24	XMan Holding Room	
25	ACS Door	
26	ACS Automatic Payment Machine	
27	Pop-up Map	
28	Logical	

Set Name

Icon Image State Types

Set ID

100516

Value	Name	Comment
0	Normal	
1	Alarm	
2	Unknown	
100	Up	
101	Down	
102	Unknown	
103	Misconfigured	
200	Up	
201	Down	
202	Unknown	
203	Mixed	
300	Locked	
301	Down	
302	Unknown	
303	Helod Open	
304	Forced Open	
305	Unlocked	
306	Disabled	
307	Override	
308	Unlocked and Open	
309	Unlocked and Closed	

Set Name **Icon Image State Types**
Set ID 100516

Value	Name	Comment
310	Locked and Open	
311	Locked and Closed	
400	Secure	
401	Set	
402	Short	
403	Open	
404	Unpressed	
405	Unknown	
500	Reset	
501	Set	
502	Unknown	
600	Event	
601	Unknown	
700	Idle	
701	Busy	
702	Connected	
703	Call Requested	
704	Unknown	
705	Offline	
706	Calling/Calls Pending	
707	Idle/Calls Pending	
708	Isolated	
709	Fault	
710	Fault/Isolated	
711	Fault/Calls Pending	
712	Tamper	
713	Tamper/Isolated	
714	Tamper/Calls Pending	
715	Monitored	
716	Monitored/Calls Pending	
717	Connected/Calls Pending	
718	On Hold	
719	On Hold/Calls Pending	
720	Remoted	
721	Monitoring	
722	Monitoring/Calls Pending	
723	Fault/Remoted	
724	Tamper/Remoted	
800	Secure	

Set Name **Icon Image State Types**
Set ID 100516

Value	Name	Comment
801	Alarm	
802	Unknown	
900	Camera	
901	Unknown	
1000	Secure	
1001	Alarm	
1002	Unknown	
1100	Disarming	
1101	Disarmed	
1102	Arming	
1103	Armed	
1104	Mixed	
1105	Fault	
1106	Unknown	
1107	Sealed	
1108	Unsealed	
1109	Disarmed Bypassed Sealed	
1110	Disarmed Bypassed Unsealed	
1111	Armed No Bypassed Sealed	
1112	Armed No Bypassed Unsealed	
1113	Armed Bypassed Sealed	
1114	Armed Bypassed Unsealed	
1115	Alarmed Disarmed No Bypass Sealed	
1116	Alarmed Disarmed No Bypass Unsealed	
1117	Alarmed Disarmed Bypass Sealed	
1118	Alarmed Disarmed Bypassed Unsealed	
1119	Alarmed Armed No Bypassed Sealed	
1120	Alarmed Armed No Bypassed Unsealed	
1121	Alarmed Armed Bypassed Sealed	
1122	Alarmed Armed Bypassed Unsealed	
1200	Arming	
1201	Armed	
1202	Bypassed	
1203	Disarming	
1204	Disarmed	
1205	Fault	

Set Name **Icon Image State Types**
Set ID 100516

Value	Name	Comment
1206	Unknown	
1207	Normal	
1208	Open	
1209	Open Bypassed	
1210	Tamper	
1211	Tamper Open	
1212	Tamper Bypassed	
1213	Tamper Bypassed Open	
1214	Alarm	
1215	Alarm Open	
1300	Normal	
1301	Active	
1302	Unknown	
1400	Normal	
1401	Fault	
1402	Down	
1403	Unknown	
1500	Negative	
1501	Zero	
1502	Positive	
1503	Unknown	
1600	Disabled	
1601	Inoperable	
1602	Degraded	
1603	Ready	
1604	Running	
1605	Stopped	
1606	Aborted	
1607	Unknown	
1700	State 0	
1701	State 1	
1702	State 2	
1703	State 3	
1704	State 4	
1705	State 5	
1706	State 6	
1707	State 7	
1708	State 8	
1709	State 9	

Set Name **Icon Image State Types**
Set ID 100516

Value	Name	Comment
1710	State 10	
1711	State 11	
1712	State 12	
1713	State 13	
1714	State 14	
1715	State 15	
1716	State 16	
1717	State 17	
1718	State 18	
1719	State 19	
1720	State 20	
1721	State 21	
1722	State 22	
1723	State 23	
1724	State 24	
1725	State 25	
1726	State 26	
1727	State 27	
1728	State 28	
1729	State 29	
1730	State 30	
1731	State 31	
1732	State Unknown	
1800	Interlock False	
1801	Interlock True	
1802	Interlock Fault	
1803	Interlock Unknown	
1900	Up	
1901	Down	
1902	Unknown	
2000	Integration Unknown	
2001	Integration Down	
2002	Integration Up	
2003	Time Synch Problem	
2100	Unknown	
2101	Logged On	
2102	Logged Off	
2103	Not Installed	
2104	Not Ready	

Set Name **Icon Image State Types**
Set ID 100516

Value	Name	Comment
2105	Ready	
2106	Hold	
2107	Busy	
2200	Unknown	
2201	Invalid	
2202	Not Connected	
2203	Created	
2204	Configured	
2205	Ready	
2206	Busy	
2207	Fatal Error	
2208	Not Ready	
2300	Unknown	
2301	Up	
2302	Down	
2400	Unknown	
2500	Unknown	
2501	Open	
2502	Propped	
2503	Forced	
2504	Closed	
2600	Unknown	
2601	Tamper	
2602	Clear	
2700	Map	
2701	Map Alarm	
2702	Map Unknown	
2800	State 0	
2801	State 1	
2802	State 2	
2803	State 3	
2804	State 4	
2805	State 5	
2806	State 6	
2807	State 7	
2808	State 8	
2809	State 9	
2810	State 10	
2811	State 11	

Set Name

Icon Image State Types

Set ID

100516

Value	Name	Comment
2812	State 12	
2813	State 13	
2814	State 14	
2815	State 15	
2816	State 16	
2817	State 17	
2818	State 18	
2819	State 19	
2820	State 20	
2821	State 21	
2822	State 22	
2823	State 23	
2824	State 24	
2825	State 25	
2826	State 26	
2827	State 27	
2828	State 28	
2829	State 29	
2830	State 30	
2831	State 31	
2832	State Unknwon	

Set Name

Id Badge Identifier Type

Set ID

200097

Value	Name	Comment
2000	ID Badge	

Set Name

Identifier Group Type

Set ID

200095

Value	Name	Comment
1	Access Badge	

Set Name

Identifier Group Type

Set ID

200095

Value	Name	Comment
2	PIN Code	
3	Biometric	
4	Id Badge	
5	Common PIN	

Set Name

Identifier Type

Set ID

100093

Value	Name	Comment
1	Badge	
2	Card ID	
3	Badge/Card ID	
4	Biometric	
1000	Access PIN	
1001	Intrusion PIN	
1002	Universal PIN	
2000	Identification Badge	

Set Name

Input Status

Set ID

100045

Value	Name	Comment
0	Secure	
1	Set	
2	Short	
3	Open	
4	Suppressed	
5	Unknown	

Set Name

IntercomStationStatus

Set ID

100046

Value	Name	Comment
0	Idle	
1	Busy	
2	Connected	
3	Call Request	
4	Unknown	

Set Name

IntercomStationType

Set ID

100047

Value	Name	Comment
0	Sub Station	
1	Station Group	
2	Master Station	
3	Global Sub Station	

Set Name

Interlock Status

Set ID

200111

States for BACnet Object 'Interlock'

Value	Name	Comment
13400	False	
13401	True	
13402	Fault	
13403	Unknown	

Set Name

Intrusion Annunciator Commands

Set ID

200087

Value	Name	Comment
65	Silence	

Set Name

Intrusion Annunciator Commands

Set ID

200087

Value	Name	Comment
93	Activate	

Set Name

Intrusion Annunciator Options

Set ID

200083

Value	Name	Comment
200	View	
201	Silence	

Set Name

Intrusion Annunciator Status

Set ID

200102

Value	Name	Comment
300	Inactive	
301	Active	
302	Unknown	

Set Name

Intrusion Area Commands

Set ID

200086

Value	Name	Comment
63	Arm	
64	Disarm	
92	Forced Arm	

Set Name

Intrusion Area Options

Set ID

200082

Value	Name	Comment
300	View	
301	Arm/Disarm	
302	Arm	
303	Disarm	

Set Name

Intrusion Area Status

Set ID

200101

Value	Name	Comment
200	Disarming	
201	Disarmed	
202	Arming	
203	Armed	
204	Mixed	
205	Fault	
206	Unknown	

Set Name

Intrusion BacNet Area Commands

Set ID

200114

Value	Name	Comment

Set Name

Intrusion Repository Class

Set ID

200092

Value	Name	Comment
-1	<any>	
617	Intrusion Area	
618	Intrusion Zone	

Set Name

Intrusion Repository Class

Set ID

200092

Value	Name	Comment
619	Intrusion Annunciator	

Set Name

Intrusion Zone Commands

Set ID

200085

Value	Name	Comment
61	Start Bypass	
62	Stop Bypass	
90	Reset	
91	Reset Ack	

Set Name

Intrusion Zone Options

Set ID

200081

Value	Name	Comment
100	View	
101	Set Bypass	

Set Name

Intrusion Zone Status

Set ID

200100

Value	Name	Comment
100	Arming	
101	Armed	
102	Bypassed	
103	Disarming	
104	Disarmed	
105	Fault	

Set Name **Intrusion Zone Status**
Set ID 200100

Value	Name	Comment
106	Unknown	

Set Name **Item Sub Type**
Set ID 200513

Defines the P2000 Item Types such as Terminal, Input, Area, etc.

Value	Name	Comment
100	CK722 Panel	
101	Legacy Panel	
200	Legacy Input Terminal	
201	Legacy Output Terminal	
202	Legacy Reader Terminal	
300	Legacy Input Point	
301	Legacy Soft Input Point	
302	CK722 Input Point	
400	Legacy Output Point	
401	CK722 Output Point	
500	ACO Terminal	
600	DSO Terminal	
700	Anti-Loitering	
800	Anti-Passback	
900	P2000 Area	
1000	T&A Terminal	
1001	MLT T&A Terminal	
1100	S300 Hardware Module	
1200	CK720 Elevator	
1201	CK722 Elevator	
1300	Guard Tour	
1400	Muster Zone	
1500	Intercom Station	
1501	Jacques Intercom Master Station	
1502	Jacques Intercom Slave Station	
1600	Occupancy	
1700	Notification Object	
1800	P2000 Counter	
1900	P2000 Event	
2000	Intrusion Annunciator (CK722)	

Set Name **Item Sub Type****Set ID** 200513

Defines the P2000 Item Types such as Terminal, Input, Area, etc.

Value	Name	Comment
2001	Intrusion Annunciator (Aritech)	
2100	Intrusion Area (CK722)	
2101	Intrusion Area (Aritech)	
2200	Intrusion Keypad Display (CK722)	
2300	Intrusion Zone (CK722)	
2301	Intrusion Zone (Aritech)	
2400	Intrusion Device (Aritech)	
2500	AV Switch	
2600	AV Camera	
2700	AV Dry Contact	
2800	AV Monitor	
2900	P2000 Map	
3000	Loop Tamper	
3200	Multiple Command Object	
3300	BACNet Interlock	
3400	DSO Terminal Group	
3401	ACO Terminal Group	
3402	Legacy Terminal Group	
3501	Legacy Output Group	
3601	Legacy Input Group	
3700	RAMS Integration Server	
3701	XMan Integration Server	
3702	Jacques Intercom Integration	
3703	ACS Interface Integration	
3800	Voorspoed Stop Search	
3900	XMan Operator Station	
3901	XMan Viewer Station	
4000	XMan XRAY Machine	
4100	Jacques Intercom Server	
4200	S300 Trunk	
4300	Intrusion Server (Aritech)	
4401	XMan Holding Room	
4500	CK720 Cabinet	
4600	Company	
4700	Department	
4800	Division	
4900	Team	
5000	Lane Equipment Cabinet	
5001	Automatic Payment Machine	

Set Name Item Sub Type**Set ID** 200513

Defines the P2000 Item Types such as Terminal, Input, Area, etc.

Value	Name	Comment
6000	P2000 Root Element	

Set Name Item Sub Type Commands**Set ID** 200515

Defines the superset of commands available for all items

Value	Name	Comment
-1	File Download	
61	Start Bypass	
62	Stop Bypass	
63	Arm	
64	Disarm	
65	Silence	
77	SCT Synchronization Start	
78	SCT Synchronization Finished	
90	Reset	
91	Reset Ack	
92	Forced Arm	
93	Activate	
1000	Set Security Level	
1001	Set Security Level by Color	
1002	Set Panel Relay	
1003	Reset Panel Relay	
2000	Preset	
2001	Set	
2002	Slow Flash	
2003	Fast Flash	
2004	Timed/Pulse	
2005	Reset	
2006	Disable	
2007	Deactivate	
3000	Stop Suppression	
3001	Timed Suppression	
3002	Start Suppression	
3003	Calibrate	
3004	Uncalibrate	
4000	Stopped Timed Open	

Set Name

Item Sub Type Commands

Set ID

200515

Defines the superset of commands available for all items

Value	Name	Comment
4001	Open For Access Time	
4002	Timed Open	
4004	Suppress Forced Door	
4005	Report Forced Door	
4006	Suppress Propped Door	
4007	Report Propped Door	
5000	AV Player (Live)	
5001	AV Player (Stored)	
6000	Trigger	
7000	Change State	
8000	Connect	
8001	Disconnect	
8002	Accept Call	
8003	Forward Call	
8004	Hold Call	
8005	Monitor Start	
8006	Monitor Stop	
8007	Isolate Station	
8008	Unisolate Station	
8009	Remote Station	
8010	Unremote Station	
9000	Set Counter	
9001	Increment Counter	
9002	Decrement Counter	

Set Name

Item Sub Type Status & Sub Status

Set ID

200088

Value	Name	Comment
100	Arming	
101	Armed	
102	Bypassed	
103	Disarming	
104	Disarmed	
105	Fault	
106	Unknown	

Set Name **Item Sub Type Status & Sub Status**
Set ID 200088

Value	Name	Comment
107	Normal	
108	Open	
109	Open / Bypassed	
110	Tamper	
111	Tamper / Open	
112	Tamper / Bypassed	
113	Tamper / Bypassed / Open	
114	Alarm	
115	Alarm / Open	
200	Disarming	
201	Disarmed	
202	Arming	
203	Armed	
205	Mixed	
206	Unknown	
207	Sealed	
208	Unsealed	
209	Bypassed / Sealed	
210	Bypassed / Unsealed	
211	Armed / Sealed	
212	Armed / Unsealed	
213	Armed / Bypassed / Sealed	
214	Armed / Bypassed / Unsealed	
215	Alarmed / Sealed	
216	Alarmed / Unsealed	
217	Alarmed / Bypassed / Sealed	
218	Alarmed / Bypassed / Unsealed	
219	Alarmed / Armed / Sealed	
220	Alarmed / Armed / Unsealed	
221	Alarmed / Armed / Bypassed / Sealed	
222	Alarmed / Armed / Bypassed / Unsealed	
300	Normal	
301	Active	
302	Unkown	
400	Normal	
401	Alarm	
402	Open	
403	Short	

Set Name **Item Sub Type Status & Sub Status**
Set ID 200088

Value	Name	Comment
404	Tamper	
405	Trouble	
406	Alarm Unknown	
500	Unknown	
501	Active	
502	Inactive	
600	Suppress Forced Off	
601	Suppress Forced On	
700	Suppress Propped Off	
701	Suppress Forced Off	
800	Normal	
801	Fault	
802	Down	
803	Unknown	
900	Last Start Time	
1000	Normal	
1001	Offline	
1002	Fault	
1003	Unknown	
10100	Up	
10101	Down	
10102	Unknown	
10107	Misconfigured	
10200	Up	
10201	Down	
10202	Unknown	
10203	Mixed	
10300	Secure	
10301	Set	
10302	Open	
10303	Short	
10304	Suppressed	
10305	Unknown	
10400	Reset	
10401	Set	
10402	Unknown	
10500	Locked	
10501	Down	
10502	Unknown	

Set Name **Item Sub Type Status & Sub Status**
Set ID 200088

Value	Name	Comment
10503	Held Open	
10504	Forced Open	
10505	Unlocked	
10506	Disabled	
10507	Override	
10508	Unlocked and Open	
10509	Unlocked and Closed	
10510	Locked and Open	
10511	Locked and Closed	
10800	Operational	
10801	Not Operational	
11400	Disabled	
11401	Inoperable	
11402	Degraded	
11403	Ready	
11404	Running	
11405	Stopped	
11406	Aborted	
11407	Unknown	
11500	Idle	
11501	Busy	
11502	Connected	
11503	Call Request	
11504	Unknown	
11505	Offline	
11506	Calling/Calls Pending	
11507	Idle/Calls Pending	
11508	Isolated	
11509	Fault	
11510	Fault/Isolated	
11511	Fault/Calls Pending	
11512	Tamper	
11513	Tamper/Isolated	
11514	Tamper/Calls Pending	
11515	Monitored	
11516	Monitored/Calls Pending	
11517	Connected/Calls Pending	
11518	On Hold	
11519	On Hold/Calls Pending	

Set Name

Item Sub Type Status & Sub Status

Set ID

200088

Value	Name	Comment
11520	Remoted	
11521	Monitoring	
11522	Monitoring/Calls Pending	
11523	Fault/Remoted	
11524	Tamper/Remoted	
11800	Negative	
11801	Zero	
11802	Positive	
11803	Unknown	
11900	Event	
11901	Unknown	
12700	Secure	
12701	Alarm	
12702	Unknown	
12900	Normal	
12901	Alarm	
12902	Unknown	
13000	Secure	
13001	Alarm	
13002	Unknown	
13100	Camera	
13101	Unknown	
13300	State 0	
13301	State 1	
13302	State 2	
13303	State 3	
13304	State 4	
13305	State 5	
13306	State 6	
13307	State 7	
13308	State 8	
13309	State 9	
13310	State 10	
13311	State 11	
13312	State 12	
13313	State 13	
13314	State 14	
13315	State 15	
13316	State 16	

Set Name **Item Sub Type Status & Sub Status**
Set ID 200088

Value	Name	Comment
13317	State 17	
13318	State 18	
13319	State 19	
13320	State 20	
13321	State 21	
13322	State 22	
13323	State 23	
13324	State 24	
13325	State 25	
13326	State 26	
13327	State 27	
13328	State 28	
13329	State 29	
13330	State 30	
13331	State 31	
13332	Unknown	
13400	False	
13401	True	
13402	Fault	
13403	Unknown	
13500	Integration Unknown	
13501	Integration Down	
13502	Integration Up	
13503	Time Synch Problem	
13600	Unknown	
13601	Logged On	
13602	Logged Off	
13603	Not Installed	
13604	Not Ready	
13605	Ready	
13606	Hold	
13607	Busy	
13700	Unknown	
13701	Invalid	
13702	Not Connected	
13703	Created	
13704	Configured	
13705	Ready	
13706	Busy	

Set Name

Item Sub Type Status & Sub Status

Set ID

200088

Value	Name	Comment
13707	Fatal Error	
13708	Not Ready	
13800	Device Unknown	
13801	Device Down	
13802	Device Up	
13900	Unknown	
14000	Unknown	
14001	Open	
14002	Propped	
14003	Forced	
14004	Closed	
14100	Unknown	
14101	Tamper	
14102	Clear	

Set Name

Item Type

Set ID

200514

Defines the P2000 Item Sub Types such as CK722 Input, Legacy Input, Soft Input etc

Value	Name	Comment
100	Panel	
200	Terminal	
300	Input Point	
400	Output Point	
500	Access Point	
600	Door	
700	Anti-Loitering	
800	Anti-Passback	
900	Area	
1000	T&A Terminal	
1100	S300 Hardware Module	
1200	Elevator	
1300	Guard Tour	
1400	Muster Zone	
1500	Intercom Station	
1600	Occupancy	
1700	CK722 Internal Object	

Set Name **Item Type****Set ID** 200514

Defines the P2000 Item Sub Types such as CK722 Input, Legacy Input, Soft Input etc

Value	Name	Comment
1800	Counter	
1900	Event	
2000	Intrusion Annunciator	
2100	Intrusion Area	
2200	Intrusion Keypad Display	
2300	Intrusion Zone	
2400	Intrusion Device	
2500	AV Switch	
2600	AV Camera	
2700	AV Dry Contact	
2800	AV Monitor	
2900	Map	
3000	Loop Tamper	
3200	Multiple Command	
3300	Interlock	
3400	Access Point/Door Group	
3500	Output Point Group	
3600	Input Point Group	
3700	Integration Server	
3800	Voorspoed Stop Search	
3900	Integration Station	
4000	XMan X-RAY Machine	
4100	Integration Device	
4200	Access Point Group	
4300	Door Group	
4400	XMan Holding Room	
4500	Cabinet	
4600	Company	
4700	Department	
4800	Division	
4900	Team	
5000	ACS Integration Item	

Set Name

KeySize

Set ID

454

Value	Name	Comment
0	64 bits	
1	128 bits	
2	192 bits	
3	256 bits	

Set Name

LDAP Authentication Type

Set ID

200512

Value	Name	Comment
0	None	
1	Server Bind	
2	Secure	
3	Fast Bind	

Set Name

Loop Type

Set ID

100050

Value	Name	Comment
0	Unknown	
1	Legacy	
2	P900	
3	S321	

Set Name

MapType

Set ID

100051

Value	Name	Comment
0	System Map	

Set Name

MapType

Set ID

100051

Value	Name	Comment
1	Standard Map	

Set Name

Message Types

Set ID

100126

Value	Name	Comment
1	Notify	
3	Alarm	
5	System Action	
258	Muster Status	
259	Muster Event Trigger	
305	Routing Session	
417	SIA Messages	
28673	RTL Data	
28675	Audit	

Set Name

Multiple Command Status

Set ID

200110

States for BACnet Object 'Multiple Command'

Value	Name	Comment
13300	State 0	
13301	State 1	
13302	State 2	
13303	State 3	
13304	State 4	
13305	State 5	
13306	State 6	
13307	State 7	
13308	State 8	
13309	State 9	
13310	State 10	
13311	State 11	
13312	State 12	

Set Name

Multiple Command Status

Set ID

200110

States for BACnet Object 'Multiple Command'

Value	Name	Comment
13313	State 13	
13314	State 14	
13315	State 15	
13316	State 16	
13317	State 17	
13318	State 18	
13319	State 19	
13320	State 20	
13321	State 21	
13322	State 22	
13323	State 23	
13324	State 24	
13325	State 25	
13326	State 26	
13327	State 27	
13328	State 28	
13329	State 29	
13330	State 30	
13331	State 31	
13332	State Unknown	

Set Name

Muster Group Type

Set ID

100053

Value	Name	Comment
0	At Risk	
1	Missing	
2	Trapped	
3	Wandering	
4	Mustered	
5	Sequestered	
6	Rescuer	

Set Name

Muster Process Status

Set ID

100054

Value	Name	Comment
0	de-muster / save data not done	
1	de-muster done	
2	save data done	
3	both have been done	

Set Name

Muster Reader Type

Set ID

100055

Value	Name	Comment
0	Zone defining terminal/terminal group	
1	Muster terminal/terminal group	
2	Sequester reader/terminal group	

Set Name

Muster Status

Set ID

100056

Value	Name	Comment
-3	disabled	
-2	inoperable	
-1	degraded operation	
0	Ready	
1	Running	
2	Stopped	
3	Aborted	

Set Name

Notify Type

Set ID

200001

Value	Name	Comment
204	Alarm Filter	
207	Comms Up	
208	Comms Down	
210	Guard Tour Up	

Set Name

NSI Redundancy Server

Set ID

100136

Defines the NSI Redundancy server classifications

Value	Name	Comment
1	NSI Primary	
2	NSI Standby	

Set Name

Occupancy Commands

Set ID

100141

Value	Name	Comment
1	IN	
2	OUT	

Set Name

OccupancyStatus

Set ID

190003

Value	Name	Comment
0	OK	
1	Denied	
2	Not operational	
3	Never counted	

Set Name

OrganizationType

Set ID

100057

Value	Name	Comment
0	Unknown	
1	Company	
2	Division	
3	Department	
4	Team	

Set Name

Output Status

Set ID

100062

Value	Name	Comment
0	Reset	
1	Set	
2	Unknown	

Set Name

P900 CLIC Status

Set ID

200290

Value	Name	Comment
1	Unknown	
2	Counter	
3	Flag	

Set Name

Panel Address Type

Set ID

100035

Value	Name	Comment
0	Unknown	
1	TCP/IP	

Set Name

Panel Address Type

Set ID

100035

Value	Name	Comment
2	Serial	

Set Name

Panel Status

Set ID

100063

Value	Name	Comment
0	Up	
1	Down	
2	Unknown	
7	Misconfigured	

Set Name

Partition Classification

Set ID

100102

Value	Name	Comment
0	Unknown	
1	Unpartitioned	
2	Partitioned	
3	Mixed	
4	Sub-record	
5	History Information	
6	Internal System	

Set Name

Permission

Set ID

100064

Defines the kind of authorization for accessing P2000 system resource feature

Value	Name	Comment
0	Unknown	
10	Implied Grant	
20	Implied Deny	

Set Name

Permission

Set ID

100064

Defines the kind of authorization for accessing P2000 system resource feature

Value	Name	Comment
30	Grant	
31	Grant All	
40	Deny	
41	Deny All	

Set Name

Pin Code Identifier Type

Set ID

200098

Value	Name	Comment
1000	Access PIN	
1001	Intrusion PIN	
1002	Universal PIN	

Set Name

Pin Code Type

Set ID

100065

Value	Name	Comment
0	Algorithmic PIN	
1	Custom PIN	

Set Name

Poll Direction

Set ID

100066

Value	Name	Comment
-1	Unknown	
0	Forward	
1	Backward	

Set Name

Port Configuration

Set ID

100067

Value	Name	Comment
0	CK720 2.0 or earlier	
1	CK720 2.1	
2	CK720 2.2 port usage	

Set Name

Port Type

Set ID

100134

Defines the TCP/IP Ports Types used by P2000 for exchanging data between P2000 applications and components

Value	Name	Comment
1	P2000 RTL Client Port	
2	SIO Handler Configuration Port	
3	SIO Handler Download Port	
4	Guard Tour RTL Client Port	
5	BACnet RTL Client Port	
6	Muster Service RTL Client Port	
7	RTL Route Command Port	
8	SmartDownload Comand Port	
9	Muster Service Command Port	
10	P2000 RRAS Service Admin Port	
11	CK720 V1.1 Priority Port	
12	CK720 V2.1 Priority Port	
13	CK720 V2.2 Priority Port	
14	CK720 V1.0 Upload Port	
15	CK720 V2.2 Updload Port	
16	CK720 Download Port	
17	CK720 V1.0 Download Port	
18	CK720 V2.2 Download Port	
19	Remote Message Server RTL Client Port	
20	Remote Message Listener Port	
21	External Trigger TCP/IP Port	
22	Intercom Interface Port	
23	P900 SIO Handler Serive Configuration Port	
24	P900 SIO Handler Service Download Port	
25	S321 SIO Handler Service Configuration Port	

Set Name **Port Type****Set ID** 100134

Defines the TCP/IP Ports Types used by P2000 for exchanging data between P2000 applications and components

Value	Name	Comment
26	S321 SIO Handler Service Download Port	
27	CCTV Proxy Port	
28	P2000 XML Service Port	
29	P2000 GIII Service Port	
30	Metasys Control Engine Port	
31	CK722 Command Interface Port	
32	TFTP Certificate Agency Port	
33	Work Schedule Service Command Port	
34	XPortal Interface Command Port	

Set Name **Remote Server Protocol Type****Set ID** 200504

Defines the possible protocol types for the Remote Message Server

Value	Name	Comment
0	P2000 Binary	
1	P2000 XML	

Set Name **Replication Classification****Set ID** 100104

Value	Name	Comment
0	Unknown	
1	All records	
2	Sub-set	
3	None	

Set Name

Report Category

Set ID

200089

Allows the grouping for the P2000 reports into Report Categories

Value	Name	Comment
1	Configuration	
2	Status	
3	Access	
4	History	

Set Name

Report Engine

Set ID

200091

Identifies the reporting engines known within P2000

Value	Name	Comment
1	MS SQL Reporting Service	
2	Crystal Reports	

Set Name

Report Filter Dialog

Set ID

100069

Value	Name	Comment
-2	<Custom Report - P2000History Database>	
-1	<Custom Report - P2000EntityConfig Database>	
0	Access Group	
5	All Access Groups To Terminal	
7	All Entities to Access Group	
10	Audit	
16	Entities without Identifiers	
26	Terminal Group	
30	Transaction History	
36	Entity Transaction History - Simple	
39	All Entities with Executive	
46	Tour Notes	
63	Area Control	
64	Area Transaction	
67	Muster Analysis	
89	Verification - CK720/CK721	

Set Name

Report Filter Dialog

Set ID

100069

Value	Name	Comment
96	Entities - Simple	
97	Disabled Entities and Identifiers	
99	All Entities to Terminal	
100	All Terminals to Entity	
101	Unused Active Identifiers	
102	All Entities to Timezone	
103	Alarm Activity - Simple	
104	Intrusion Transaction History	
105	Monitored Area Report	
106	Alarm History - Simple	
107	Entity Access Profile	
108	Verification - CK722	

Set Name

Report Transaction Filter Types

Set ID

200094

Links the enum values to the history types to define which history types are applicable for a specific transaction filter type

Value	Name	Comment
30	Transaction History Filter	
36	Entity Transaction Filter	
45	Guard Tour Transaction History	
64	Area Transaction Filter	
73	Elevator Cabinet Transaction Filter	
92	Intrusion Transaction Filter	
93	Audio-Video Transaction Filter	

Set Name

Repository Class

Set ID

200093

Value	Name	Comment
129	BACnet Protocol Engine	
142	Name List	
144	Multiple Command	

Set Name **Repository Class**
Set ID 200093

Value	Name	Comment
146	Interlock	
161	Calendar	
263	Schedule	
292	Ethernet IP Datalink	
323	SS Supervised Input	
324	SS Binary Output	
363	Door Sequence Object	
364	Access Control Object	
365	CK722 Device	
366	SS Notification	
367	Entity DR	
368	Access Profile DR	
369	Badge Identifier DR	
370	Biometric Identifier DR	
371	Entity Group DR	
372	Intrusion Group DR	
373	Access Group DR	
375	Interpretation Algorithm DR	
554	File	
594	Occupancy	
617	Intrusion Area	
618	Intrusion Zone	
619	Intrusion Annunciator	
620	Intrusion Keypad Display	
621	AntiPassBack	
622	Occupancy Object	
623	AntiLoitering	
624	S300 Trunk	
625	S300 HW Module	
626	S300 Reader Terminal	
637	Controller Event	
653	Elevator	
654	Kone Elevator Integration	
655	Kone Elevator Controller	
656	Otis Elevator Integration	
657	Otis Elevator Controller	
3050	Terminal Agent	
3051	Output Agent	
3052	Input Agent	

Set Name **Repository Class**
Set ID 200093

Value	Name	Comment
3053	Panel Agent	
3062	Output Group Agent	
3063	Input Group Agent	
3071	Legacy Terminal Group Agent	
3072	DSO Terminal Group Agent	
3073	ACO Terminal Group Agent	
3076	Legacy Terminal Agent	
3084	Company Agent	
3085	Department Agent	
3086	Division Agent	
3087	Team Agent	
3088	Guard Tour Agent	
3089	Area Agent	
3090	Muster Agent	
3091	Map Agent	
3092	EventAgent	
3108	Aritech Intrusion Device Agent	
3109	Aritech Intrusion Area Agent	
3110	Aritech Intrusion Zone Agent	
3111	Aritech Intrusion Annunciator Agent	
3112	Aritech Intrusion OPC Server Agent	
3114	Time Attendance Reader Agent	
3116	Legacy Elevator Agent	
3118	AV Camera Agent	
3119	AV Dry Contact Agent	
3120	AV Monitor Agent	
3121	AV Switch Agent	
3122	Counter Agent	
3123	Intercom Station Agent	
3124	Loop Tamper Agent	
3125	Security Level Ranges Agent	
3126	Legacy Output Terminal Agent	
3127	Legacy Input Terminal Agent	
3128	CabinetAgent	
3500	RAMS Integration Server	
3501	VoorspoedStopSearch	
3502	XManOperatorStation	
3503	XManViewerStation	

Set Name

Repository Class

Set ID

200093

Value	Name	Comment
3504	XManXRayMachine	
3505	XManIntegrationServer	
3506	XManHoldingRoom	
3510	JacquesIntercomIntegration	
3511	JacquesIntercomDevice	
3512	JacquesIntercomMasterStation	
3513	JacquesIntercomSlaveStation	
3520	ACS Interface Integration	
3521	ACS MLT T&A Terminal	
3522	ACS Lane Equipment Cabinet Door	
3523	ACS Automatic Payment Machine	

Set Name

Repository Instance Status Type

Set ID

100902

Value	Name	Comment
0	Primary Status	
1	Timed Override	
2	Intrusion Zone Alarm State	
3	Suppress Propped	
4	Suppress Forved	
5	Fast Download Synchronization Timestamp	
6	Fast Download Normalization Timestamp	
7	Elevator Status	

Set Name

s300HardwareModule

Set ID

1010

Value	Name	Comment
0	Generic	
1	RDR2S	

Set Name

s300HardwareModule

Set ID

1010

Value	Name	Comment
2	RDR2	
3	IO8	
4	SIO8	
5	SI8	
6	I16	
7	KDM	
9	RDR2S-A	
10	RDR8S	

Set Name

Security Flag Type

Set ID

100151

Value	Name	Comment
0	Unknown	
1	Privilege	
2	Access	

Set Name

SmartDownload Commands

Set ID

100901

Value	Name	Comment
1	Add Access Group To Panel	
2	Delete Access Group From Panel	
3	Badge Temporary Access	
5	Download Badge	
6	Delete Cardholder	
7	Delete Badge	
8	Download all Badges with Access Group	
9	Download all Badges with Timezone	
10	Delete Company	
11	Delete Department	
12	Delete User Defined Field	

Set Name **SmartDownload Commands**
Set ID 100901

Value	Name	Comment
13	Create MIS tables	
14	Download Cardholder	
15	Delete Partition	
16	Delete Enterprise Access Group	
17	Delete Enterprise Timezone	
18	Delete Enterprise Site	
19	Set Output Point	
20	Reset Output Point	
21	Unlock All Doors	
22	Lock Door	
23	Unlock Door	
24	Set Security Level	
25	Timed Unlock Door	
26	Download Access Profile	
27	Delete Access Profile	
28	Delete Division	
29	Delete Team	
30	Changed Security Flag Type	
31	Changed Hardware Item	
32	Deleted Hardware Item	
33	Download Identifier	
34	Delete Identifier	
35	Delete Entity	
36	Download Entity	
37	Delete Entity Group	
38	Download Entity Group	
39	Reset Door	
40	Download all Access Groups	
41	Download all Access Profile	
42	Download all Entities	
43	Download all Entity Groups	
44	Download all Identifiers	
45	Mark all Access Groups for Deletion	
46	Mark all Access Profiles for Deletion	
47	Mark all Entities for Deletion	
48	Mark all Entity Groups for Deletion	
49	Mark all Identifiers for Deletion	
50	Delete all marked Access Groups	

Set Name **SmartDownload Commands**
Set ID 100901

Value	Name	Comment
51	Delete all marked Access Profiles	
52	Delete all marked Entities	
53	Delete all marked Entity Groups	
54	Delete all marked Identifier	
60	Site Parameters Changed	
61	Intrusion Zone Bypass	
62	Intrusion Zone Unbypass	
63	Intrusion Area Arm	
64	Intrusion Area Disarm	
65	Intrusion Annunciator Silence	
66	Intrusion Group Download	
67	Intrusion Group Delete	
68	Download All Intrusion Groups	
69	Mark all Intrusion Groups for Deletion	
70	Delete all marked Intrusion Group	
71	Reset all Doors	
72	Write Attribute	
73	Delete Timezone	
74	Update SCT Schedule Object	
75	Update SCT Calendar Object	
76	Update all SCT Calendar Objects	
77	SCT Synchronization Start	
78	SCT Synchornization End	
79	Intrusion Zone Alarm Acknowledge	
80	Central Status Response	
81	Central Data Response	
82	Update All SCT Schedule Objects	
83	Update All SCT Calendar Objects	
84	Set Anti-Passback Status	
85	Reset Anti-Passback Time	
86	Set Anti-Loitering Status	
87	Set Occupancy Status	
88	Lock All Doors	
89	Override Door	
90	Zone Reset	
91	Zone Reset ACK	
92	Area Forced Arm	
93	Annunciator Activate	
94	Fast Download Transfer	

Set Name

SmartDownload Commands

Set ID

100901

Value	Name	Comment
95	Fast Download Update	
96	Fast Download Rebuild	
97	Fast Download Shrink	
98	Suppress Input Point	
99	Unsuppress Input Point	
100	Suppress Forced Door	
101	Unsuppress Forced Door	
102	Suppress Propped Door	
103	Unsuppress Propped Door	
104	Calibrate CK722 Input Point	
105	Uncalibrate CK722 Input Point	
106	CK722 Commit to Flash	
107	CK722 Access Request	
108	Work Schedule Object Changed	
109	Work Schedule Changed	

Set Name

SmartDownload Rule

Set ID

100123

Value	Name	Comment
0	After Idle	
1	Fixed Time	
2	Manual	

Set Name

SmartDownload Status

Set ID

100122

Value	Name	Comment
0	SmartDownload Idle	
1	SmartDownload In Process	
2	SmartDownload Postponed	
3	SmartDownload Cached	
1000	CK722 Idle	

Set Name

SmartDownload Status

Set ID

100122

Value	Name	Comment
1001	CK722 In Process	
1002	CK722 Postponed	
1003	CK722 Cached	
1004	CK722 Error	
2000	Legacy Download Idle	
2001	Legacy Download In Process	
3000	Work Schedule Idle	
3001	Work Schedule In Process	
3002	Work Schedule Postponed	

Set Name

ssacAccessModel

Set ID

326

Value	Name	Comment
0	None	
1	Group	
2	Level	
3	Mask	
4	Group-or-level	
5	Level-or-mask	
6	Mask-or-Group	
7	Group-and-level	
8	Level-and-mask	
9	Mask-and-Group	
10	Group-or-(level-and-Mask)	
11	Group-and-(level-or-Mask)	
12	Level-or-(Mask-and-Group)	
13	Level-and-(Mask-or-Group)	
14	Mask-or-(Group-and-Level)	
15	Mask-and-(Group-or-Level)	
16	Group-or-Level-or-Mask	
17	Group-and-Level-and-Mask	

Set Name

ssacAlternateAccess

Set ID

312

Value	Name	Comment
0	never	
1	by mask	
2	always	

Set Name

ssacSecurityMode

Set ID

989

Value	Name	Comment
0	restricted	
1	exceptional	

Set Name

System Action Type

Set ID

200005

Value	Name	Comment
2	Error or Log	
4	Counter Changed	
5	Muster Control Started	

Set Name

Terminal Access Mode

Set ID

100137

Value	Name	Comment
0	Local	
1	Central	
2	Shared	

Set Name **Terminal Trunk Type****Set ID** 100128

Defines the type of trunk the S300 HW Module are associated with

Value	Name	Comment
-2	DSO	
-1	ACO	
0	Legacy	
101	Trunk 1 - Generic	
102	Trunk 1 -I/O Modules	
103	Trunk 1 - RDR2	
201	Trunk 2 - Generic	
202	Trunk 2 - I/O Modules	
203	Trunk 2 - RDR2	

Set Name **Terminal Type****Set ID** 100127

Value	Name	Comment
0	Unknown	
1	ACO Terminal	
2	DSO Terminal	
3	Legacy Terminal	
4	S300 HW Module	

Set Name **Time & Attendance Objects****Set ID** 200510

Value	Name	Comment
3115	Time & Attendance Object	

Set Name

Time & Attendance Reader Objects

Set ID

200509

Value	Name	Comment
3114	Time & Attendance Reader	

Set Name

TimeZone

Set ID

576

Value	Name	Comment
1	CASABLANCA_TIME	
2	GMT_TIME	
3	AMSTERDAM_TIME	
4	BELGRADE_TIME	
5	BRUSSELS_TIME	
6	SARAJEVO_TIME	
7	WC_AFRICA_TIME	
8	ATHENS_TIME	
9	BUCHAREST_TIME	
10	CAIRO_TIME	
11	HARARE_TIME	
12	HELSINKI_TIME	
13	JERUSALEM_TIME	
14	BAGHDAD_TIME	
15	KUWAIT_TIME	
16	MOSCOW_TIME	
17	NAIROBI_TIME	
18	TEHRAN_TIME	
19	ABU_DHABI_TIME	
20	BAKU_TIME	
21	KABUL_TIME	
22	EKATERINBURG_TIME	
23	ISLAMABAD_TIME	
24	CALCUTTA_TIME	
25	KATHMANDU_TIME	
26	ALMATY_TIME	
27	ASTANA_TIME	
28	SRI_J_TIME	
29	RANGOON_TIME	
30	BANGKOK_TIME	

Set Name **TimeZone**
Set ID 576

Value	Name	Comment
31	KRASNOYARSK_TIME	
32	BEIJING_TIME	
33	IRKUTSK_TIME	
34	KUALA_LUMPUR_TIME	
35	PERTH_TIME	
36	TAIPEI_TIME	
37	OSAKA_TIME	
38	SEOUL_TIME	
39	YAKUTSK_TIME	
40	ADELAIDE_TIME	
41	DARWIN_TIME	
42	BRISBANE_TIME	
43	CANBERRA_TIME	
44	GUAM_TIME	
45	HOBART_TIME	
46	VLADIVOSTOK_TIME	
47	MAGADAN_TIME	
48	AUCKLAND_TIME	
49	FIJI_TIME	
50	NUKUALOFA_TIME	
51	EASTERN_TIME	
52	CAPE_VERDE_TIME	
53	CENTRAL_TIME	
54	BRASILIA_TIME	
55	BUENOS_AIRES_TIME	
56	GREENLAND_TIME	
57	MOUNTAIN_TIME	
58	PACIFIC_TIME	
59	CARACAS_TIME	
60	SANTIAGO_TIME	
61	BOGOTA_TIME	
62	AZORES_TIME	
63	INDIANA_TIME	
64	CENTRAL_AMERICA_TIME	
65	MID_ATLANTIC_TIME	
66	MEXICO_CITY_TIME	
67	SASKATCHEWAN_TIME	
68	ARIZONA_TIME	
69	NEWFOUNDLAND_TIME	

Set Name **TimeZone**
Set ID 576

Value	Name	Comment
70	ATLANTIC_TIME	
71	ALASKA_TIME	
72	HAWAII_TIME	
73	MIDWAY_ISLAND_TIME	
74	ENIWETOK_TIME	
1002	GMT_TIME_NoDST	
1003	AMSTERDAM_TIME_NoDST	
1004	BELGRADE_TIME_NoDST	
1005	BRUSSELS_TIME_NoDST	
1006	SARAJEVO_TIME_NoDST	
1008	ATHENS_TIME_NoDST	
1009	BUCHAREST_TIME_NoDST	
1010	CAIRO_TIME_NoDST	
1012	HELSINKI_TIME_NoDST	
1013	JERUSALEM_TIME_NoDST	
1014	BAGHDAD_TIME_NoDST	
1016	MOSCOW_TIME_NoDST	
1018	TEHRAN_TIME_NoDST	
1020	BAKU_TIME_NoDST	
1022	EKATERINBURG_TIME_NoDST	
1026	ALMATY_TIME_NoDST	
1031	KRASNOYARSK_TIME_NoDST	
1033	IRKUTSK_TIME_NoDST	
1034	KUALA_LUMPUR_TIME_NoDST	
1039	YAKUTSK_TIME_NoDST	
1040	ADELAIDE_TIME_NoDST	
1043	CANBERRA_TIME_NoDST	
1045	HOBART_TIME_NoDST	
1046	VLADIVOSTOK_TIME_NoDST	
1048	AUCKLAND_TIME_NoDST	
1051	EASTERN_TIME_NoDST	
1053	CENTRAL_TIME_NoDST	
1054	BRASILIA_TIME_NoDST	
1056	GREENLAND_TIME_NoDST	
1057	MOUNTAIN_TIME_NoDST	
1058	PACIFIC_TIME_NoDST	
1060	SANTIAGO_TIME_NoDST	
1062	AZORES_TIME_NoDST	
1065	MID_ATLANTIC_TIME_NoDST	

Set Name

TimeZone

Set ID

576

Value	Name	Comment
1066	MEXICO_CITY_TIME_NoDST	
1069	NEWFOUNDLAND_TIME_NoDST	
1070	ATLANTIC_TIME_NoDST	
1071	ALASKA_TIME_NoDST	

Set Name

User Account Type

Set ID

200511

Defines the list of possible User Account Types

Value	Name	Comment
1	P2000	
2	ADS	
3	ADS / P2000	

Set Name

UserDefinedFieldType

Set ID

100082

Value	Name	Comment
1	String	
2	Integer	
3	Boolean	
4	Date/Time	

Set Name

Work Schedule Objects

Set ID

200508

Value	Name	Comment
3113	Work Schedule Object	