



Object Library

Otis Integration Object

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OTIS INTEGRATION OBJECT

INTRODUCTION

The Otis Integration object provides integration-wide communication statistics.

The Otis Integration object supports the E.M.S.- Security / B.M.S.serial protocol, documented in *OTIS - Ref No. 51646B*.

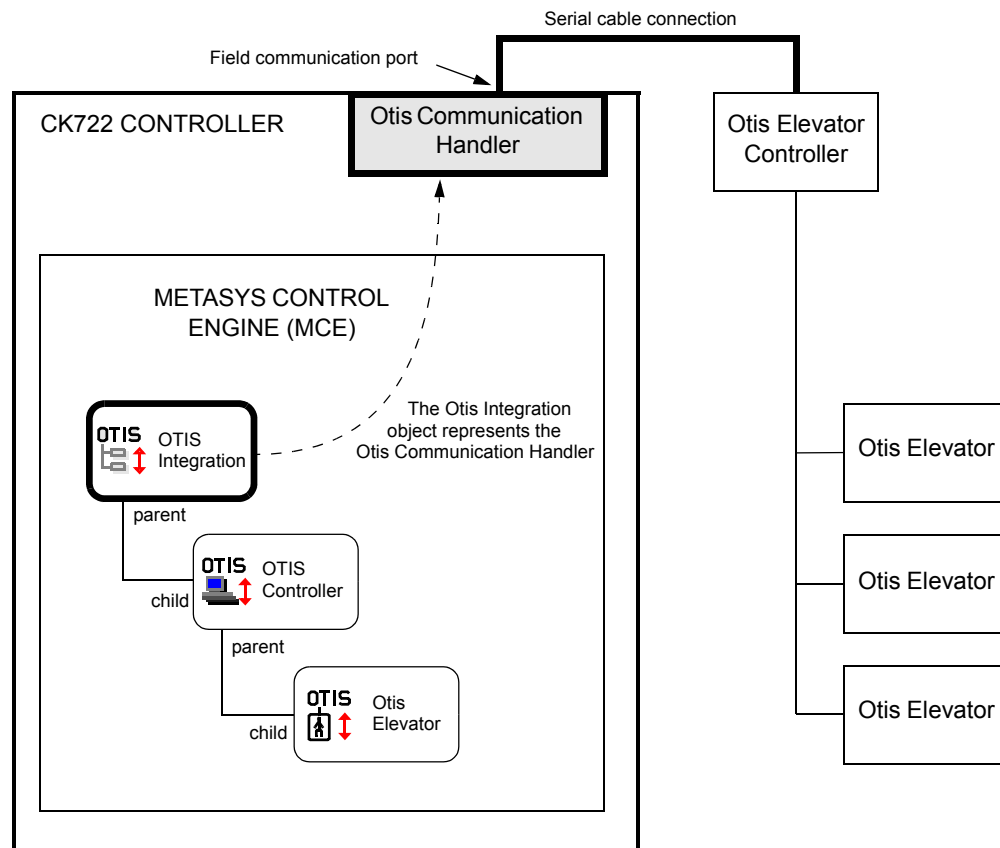


Figure 1: Otis Integration Object

ATTRIBUTES

This object contains attributes common to all objects in the P2000 Security Management System. For details, see the *General Object Information* document. The table below lists only the attributes specific to the Otis Integration object.

Table 1: Otis Integration Object Attributes

Attribute Name	Attribute Number	Data Type	Notes	Initial Value	Values/Options /Range
<i>Clear Statistics</i>	2427	Boolean	W	-	-
<i>Corrupted Polls</i>	4089	Unsigned32	-	-	-
<i>Corrupted Responses</i>	4084	Unsigned32	-	-	-
<i>Date</i>	548	Date	-	-	-
<i>Default Locking Polls</i>	4080	Unsigned32	-	-	-
<i>Incomplete Responses</i>	4085	Unsigned32	-	-	-
<i>Invalid Polls</i>	4088	Unsigned32	-	-	-
<i>Invalid Responses</i>	4083	Unsigned32	-	-	-
<i>Latch Statistics</i>	2426	Boolean	W	-	-
<i>Missing Responses</i>	4086	Unsigned32	-	-	-
<i>Null Polls</i>	4078	Unsigned32	-	-	-
<i>Offlines</i>	3744	Unsigned32	-	-	-
<i>Reset Date</i>	1141	Date	-	-	-
<i>Reset Time</i>	1140	Time	-	-	-
<i>Set Access Polls</i>	4079	Unsigned32	-	-	-
<i>Time</i>	547	Time	-	-	-
<i>Total Polls</i>	4081	Unsigned32	-	-	-
<i>Total Responses</i>	4087	Unsigned32	-	-	-
<i>Valid Responses</i>	4082	Unsigned32	-	-	-
<i>Watchdog Events</i>	4090	Unsigned32	-	-	-

W - Writable

Clear Statistics – When written to “True,” this attribute resets the statistics of the Otis Integration object and of all the “children” objects of its Otis Controller object.

Corrupted Polls – Indicates how many polls any Otis elevator controller rejected because of checksum errors.

Corrupted Responses – Indicates how many responses from all Otis elevator controllers were found to have an incorrect checksum.

Date – Indicates the local date when the Otis Integration object's statistics were last updated.

Default Locking Polls – Indicates how many “default locking polls” were sent to all Otis elevator controllers.

Incomplete Responses – Indicates how many responses from all Otis elevator controllers were not fully received.

Invalid Polls – Indicates how many polls were not understood by any Otis elevator controller despite a correct checksum.

Invalid Responses – Indicates how many responses from all Otis elevator controllers were not understood despite a correct checksum.

Latch Statistics – When written to “True,” this attribute updates the statistics of the Otis Integration object and of all the “children” objects of its Otis Controller object.

Missing Responses – Indicates how many expected responses from all Otis elevator controllers were not received at all.

Null Polls – Indicates how many “null polls” were sent to all Otis elevator controllers.

Offlines – Indicates how many times any Otis elevator controller transitioned from the online into the offline state.

Reset Date – Indicates the local date when the Otis Integration object's statistics were last reset.

Reset Time – Indicates the local time when the Otis Integration object's statistics were last reset.

Set Access Polls – Indicates how many “set access polls” were sent to all Otis elevator controllers.

Time – Indicates the local time when the Otis Integration object's statistics were last updated.

Total Polls – Indicates the sum of the *Null Polls*, *Set Access Polls*, and *Default Locking Polls* attribute values.

Total Responses – Indicates the sum of the *Valid Responses*, *Invalid Responses*, *Corrupted Responses*, *Incomplete Responses*, and *Missing Responses* attribute values.

Valid Responses – Indicates how many correct responses were received from all Otis elevator controllers.

Watchdog Events – Indicates how many times any Otis elevator controller's watchdog timer timed out.

COMMANDS

This section describes commands that can be issued to this object from SCT.

Table 2: Otis Integration Object Commands

Command Name	Description
Latch Statistics	Writes the <i>Latch Statistics</i> attribute to "True."
Clear Statistics	Writes the <i>Clear Statistics</i> attribute to "True."
Change Attribute	See the description below.

The `Change Attribute` is a generic command available for writing the attributes of an object. It is mainly used to change an attribute value from those features which work only with commands. For the sole purpose of giving a generic example, there is no command defined to change the *Notify Priority* attribute of an object. `Change Attribute` could, therefore, be used to change the *Notify Priority* attribute through an interlock or multiple command, both features which require commands to be entered. The `Change Attribute` command requires two parameters:

- **Attribute** - This parameter specifies which attribute of the object is to be written. Only writable attributes may be changed by this command.
- **New value** - This parameter specifies new value to be written and must be the same data type as the attribute. The only data types allowed in this command are those allowed as command parameters. A command priority can be specified if the attribute to be changed is a prioritized attribute.

VIEWS

This section illustrates how the System Configuration Tool displays properties of the Otis Integration object. This screen also allows you to set the values of configurable attributes. For more information refer to the *System Configuration Tool (SCT)* manual.

Attribute	Value
Object	
Name	C0002-00024-Otis-I
Description	
Object Type	Otis Integration
Object Category	System
Partition	Super User
Public	<input type="checkbox"/>

Figure 2: Configuration View