**RCM Cloud Installation and**

**Standard Configuration**

Stockell Healthcare®

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# About the Insight CS Installation and Standard Configuration Guide

This guide is an **INTERNAL ONLY RESOURCE** and will show you all the steps required to complete a standard or “model” Insight CS installation.

## Icons Used

For ease of use and readability, the following icons have been used throughout this manual:

|  |  |
| --- | --- |
|  | The **ALERT ICON** indicates that the step being taken has chcce pitfalls that need to be avoided. |
|  | The **SCRIPT ICON** indicates that the step you are about to take has been scripted out to make life easier for you. |

## Definitions

***Officially Supported Release***: 2017.4.5  
This is the latest release of InsightCS that is supported by the Support Department.

# About the InsightCS Model Databases

The InsightCS model databases are maintained by the RCM Group and are used to install all new InsightCS clients.

The InsightCS model databases and their locations are listed below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Database Name** | **Working Version** | **Client Naming Convention** | **Latest Stable Release (backup file)** |
| **rcm-inst-model (for hospital sites)** | Rcm-sql16 – database engine | **chcc-rcm**  **chcc-rcm-test** | 2017.4 |
| **rcm-pm-model (for PM sites)** | Rcm-sql16 – database engine | **chcc-rcm**  **chcc-rcm-test** | 2017.4 |
| **rcm-collector-model\*\*\*** | Rcm-sql16 – database engine | **chcc-rcm-collector**  **chcc-rcm-collector-test** | 2017.4 |
| **rcm-sislnk-model\*\*\*** | Rcm-sql16 – database engine | **Gch-rcm-sislnk (shared by both prod and test)** | 2017.4 |
|  |  |  |  |

\*\*\* still need to be copied from stkl-sql server.

*The database names in the “Client Naming Convention” column in the table above are the DEFAULT DATABASE NAMES and should ALWAYS BE USED.*

# InsightCS System Hardware and Software Requirements

Below is a link for Stockell Hardware and Software requirements (this may need to be updated):



# Pre-Installation Tasks

## Ensure Remote Access to Client Network

In order to install Insight CS remotely, we will need one of the following (*in order of preference*). This is assuming RCM will be hosted on-site:

1. A secure, point-to-point VPN tunnel between the Stockell office and the Client's location.
2. A secure, client-based VPN connection to the Client's location. This could be:
   1. A CISCO client VPN
   2. A Windows client VPN
   3. A web based VPN, such as Sonic Wall, Firebox, CISCO SSL VPN, etc.

* An RDP connection to a Terminal Server or Citrix server within the Client's network

*Remote access to the client site will be setup by Systems prior to the installation of Insight CS. Documentation for the connection will also be created and made available by Systems.*

## Ensure All Required Servers have been Installed at the Client Site

The following installations should be verified:

For standard installation:

* SQL Server Database Engine
* Warehouse Server – can optionally be housed on SQL Server (determined by DevOps)
* SQL Server Reporting Services
* 2 x Application Servers. Necessary applications include:
  + Microsoft Excel
  + Microsoft Word
  + Adobe Acrobat Reader
  + Notepad++
  + SQL Server Management Studio
  + .NET Framework 3.5 and 4.0
* Imaging server – can optionally be housed on Application Servers (determined by DevOps)
* Web Server

Local Admin Rights should be granted to all Medsphere logins.

## Upload Required Installation Files to Client Application Server

At this point, you will need to take the following steps to get all required packages to the client network:

1. Prepare the files for download (these files are currently located on the [\\stkl-fileserv\](file://stkl-fileserv/) server. Should probably move to sharepoint in the future:
   1. You will need to create a ZIP package with the following contents:
      1. Prerequisite Files: InsightCS prerequisite installation files for the version that you will be installing. These can be found in “I:\<MAJOR VERSION>\Prerequisites” – Report Viewer
      2. InsightCS Installer: The InsightCS Installation file (.MSI) for the version you are installing. This file can be found in “I:\<MAJOR VERSION>\<MINOR VERSION>\Setup” - InsightYYYY.Q.MSI  
          You should NOT install any version higher than the [officially supported release](#Definitions).
      3. InsightCS Reports Installer: The InsightCS Reports Installation file (.EXE) for the version you are installing. This file can be found in “I:\<MAJOR VERSION>\Reporting\Setup”  
          You should NOT install any version higher than the [officially supported release](#Definitions).
      4. InsightCS Patch Installer: The Patch folder for the Patch Version you are installing. This folder can be found in “I:\<MAJOR VERSION>\<MINOR VERSION>”. *You will need the entire folder, as it contains the Reports installer as well as any needed scripts.* You should NOT install any version higher than the [officially supported release](#Definitions).
      5. InsightCS Interface Installation Files: The InsightCS Interface Installation files can be found in “I:\<MAJOR VERSION>”. *You will need the entire “IcsInterface” Folder.*
      6. InsightCS Model Database Backup Files: location TBD
      7. All Scripts Referenced in this manual: <https://medsphere.sharepoint.com/IT%20Operations/Shared%20Documents/Forms/AllItems.aspx?viewpath=%2FIT%20Operations%2FShared%20Documents%2FForms%2FAllItems%2Easpx&id=%2FIT%20Operations%2FShared%20Documents%2FRCM%2FOperations%20Files%20%28for%20new%20installs%29>

1. Login to the client’s Application Server and download the newly created installation package (ZIP File)
2. Once the installation package has been uploaded /downloaded to the client’s application server, unzip it to a new folder of your choice

## Create the Required InsightCS Shares on the Client’s Application Servers

There are two standard InsightCS related folders that need be created on and shared from the data drive of all InsightCS Application Servers. They are:

1. “IcsInterface” (*shared on the network as ”<APPSERVER>\IcsInterface”*)  
   This share/folder is used by all InsightCS related interfaces and services
2. “InsightCS” (*shared on the network as”<APPSERVER>\InsightCS”*)  
   This share is used for various reasons, for example as a place to keep the InsightCS client installation files.

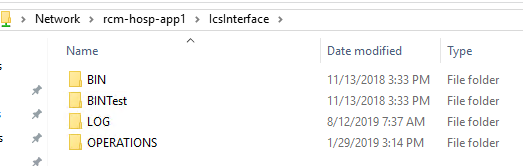
In addition, there is a specific directory structure that is needed, and must be created, under each of the above folders. This folder structure is as follows:

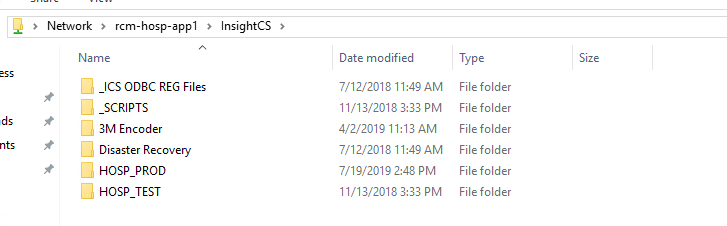
The “**Create Standard Application Server Directories.bat**” ( script will create the following directory structure automatically. To use this script, copy it to the base of the drive where you want the folder structure (C:\ or D:\ drive for example) and double-click it.

Also, anywhere in the script that references Chcc-rcm/Test – those instances should be updated with the prod and test database names (replace Chcc-rcm with prod RCM database name; replace Chcc-rcm-test with test RCM database name).

Above bat file can be found here: <https://medsphere.sharepoint.com/IT%20Operations/Shared%20Documents/Forms/AllItems.aspx?viewpath=%2FIT%20Operations%2FShared%20Documents%2FForms%2FAllItems%2Easpx&id=%2FIT%20Operations%2FShared%20Documents%2FRCM%2FOperations%20Files%20%28for%20new%20installs%29%2FMisc%20files>

* IcsInterface
  + BIN
  + BINTest
  + LOG
  + OPERATIONS
* InsightCS
  + \_ICS ODBC REG Files
  + \_SCRIPTS
  + Chcc-rcm
    - Billing
      * Claims
        + 1500
        + 150085
        + ANSI-837
        + CDR\_Inbound
        + Demand
        + Detail
        + EDI\_Outbound
        + UB04
        + UB92
      * Reports
      * Statements
        + TransferredOut
    - ERA
      * Output
      * Report
    - GLInterface
    - MasterTableUpdates
    - NightlyProcesses
    - Posting
    - Printouts
    - Refunds
    - Reports
    - temp
      * RTFA
  + Chcc-rcm-test
    - Billing
      * Claims
        + 1500
        + 150085
        + ANSI-837
        + CDR\_Inbound
        + Demand
        + Detail
        + EDI\_Outbound
        + UB04
        + UB92
      * Reports
      * Statements
        + TransferredOut
    - ERA
      * Output
      * Report
    - GLInterface
    - MasterTableUpdates
    - NightlyProcesses
    - Posting
    - Printouts
    - Refunds
    - Reports
    - temp
      * RTFA





# Create the Standard InsightCS Imaging Share and Folder Structure

If imaging was purchased, the client should have one of the following:

* A file server set aside as the Imaging Server that will house all the InsightCS imaging files
  + **\*\*\*For recent Cloud implementations, we’ve been using the application server to house imaging files.\*\*\***
* A share on the network that will house all the InsightCS imaging files

In either case, the following share will need to be created:

* ICSIMAGES  
  *Permissions: All InsightCS users who will need to do imaging will need read/write access to this share and its folder*

Within the ICSIMAGES share, the following folder structure should be created:

The “**Create Image Directories.bat**” script will create the following directory structure automatically. To use this script, copy it to the base of the ICSIMAGES share and double-click it.

Again, replace Chcc-rcm/Chcc-rcm-test with RCM Prod/Test database names

* Chcc-rcm
  + 7
  + 40
  + 50
  + 51
  + EOB\_R
  + PHOTO
  + POTF
  + Forms
* Chcc-rcm-test
  + 7
  + 40
  + 50
  + 51
  + EOB\_R
  + PHOTO
  + POTF
  + Forms

After the directories have been created, copy the contents on ‘Forms.zip’ into the Forms folder under Chcc-rcm and Chcc-rcm-test.

Under each Form Type, there will also be ‘Year’ folders (2014, 2015, 2016), which will store images for each year. Under each ‘Year’ folder, there will be ‘Month’ folders (01, 02, 03, …, 12), which will store images for each month. The purpose of this is to keep directories from storing a large number of images, which can affect performance.

These additional directories will be added automatically, through a Scheduled Task, which will run each month. This job will create necessary sub-directories for the current year, and the next year. The following scheduled tasks should be created on the image server (or application server, if Images will be housed there):

**Name: Create Image Sub Directory - Chcc-rcm**

Runs the first of every month, at 12:00 AM

Calls the ‘Create Image Sub Directory.bat’ batch file, which should be stored within the Chcc-rcm image directory)

**Name: Create Image Sub Directory - Chcc-rcm-test**

Runs the first of every month, at 12:00 AM

Calls the ‘Create Image Sub Directory.bat’ batch file, which should be stored within the Chcc-rcm-test image directory)

# SQL Servers - Setup and Configuration

## Ensure that all Required SQL Server Services have been set to AUTOMATIC *Database, Reporting, and BI SQL Servers*

### How to check and set a service’s startup type

To check and/or set a SQL Server service:

1. Click **Start 🡪 Control Panel 🡪Administrative Tools 🡪 Services**
2. Within the Service control panel, scroll down to the service in question, and note its “Startup Type” value
3. To change a services Startup Type, right-click on it, select “Properties”, adjust the setting, and click the OK button

The settings listed below should be used …

### InsightCS SQL Server Services Settings

#### CHCC

[\\msc-rcm-sql.rcmcloud.net\f$\chcc-inst\MSSQL14.CHCC\MSSQL\Backup](file:///\\\\msc-rcm-sql.rcmcloud.net\\f$\\som-inst\\MSSQL14.SOM\\MSSQL\\Backup)

There are several services used by InsightCS for different reasons. The table below lists the services; there use in regards to InsightCS, and “Startup Type” setting that should be used:

|  |  |  |  |
| --- | --- | --- | --- |
| **Service** | **InsightCS Use** | **Startup Type** | **Reason** |
| **SQL Server** | All SQL Servers (Database, Reporting, BI) | Automatic | Main SQL Server service - must be running on all SQL Servers |
| **SQL Server Active Directory Helper** | All SQL Servers (Database, Reporting, BI) | Leave this on the client’s setting (their discretion) | Not used and in most cases will be disabled |
| **SQL Server Agent** | All SQL Servers (Database, Reporting, BI) | Automatic | This service is needed in order to run SQL Scheduled Jobs |
| **SQL Analysis Services** | Business Intelligence Server | Automatic (*disabled on non-bi servers*) | Supplies online analytical processing (OLAP) and data mining functionality for business intelligence applications.  \*\*\* When setting up Analysis Services, please make sure this is set up in Multi-Dimensional Mode\*\*\* |
| **SQL Browser** | All SQL Servers (Database, Reporting, BI) | Automatic | Provides SQL Server connection information to clients |
| **SQL Server Full Text Search** | All SQL Servers (Database, Reporting, BI) | Automatic | Quickly creates full-text indexes on content and properties of structured and semi-structured data to allow fast linguistic searches on this data. |
| **SQL Server Integration Services** | Business Intelligence Server | Automatic (*disabled on non-bi servers*) | Provides management support for SSIS package storage and execution. |
| **SQL Server Reporting Services** | Business Intelligence Server and/or Reporting Services Server (*standard reports*) | Automatic (*disabled on non-bi or reporting servers*) | Manages, executes, renders, schedules and delivers reports. |
| **SQL Server VSS Writer** | All SQL Servers (Database, Reporting, BI) | Automatic | Provides the interface to backup/restore Microsoft SQL server through the Windows VSS infrastructure. |
| **IIS Admin Service** | Business Intelligence Server and/or Reporting Services Server | Automatic (*disabled on non-bi or reporting servers*) | Enables this server to administer Web and FTP services. |
| **World Wide Web Publishing Service** | Business Intelligence Server and/or Reporting Services Server | Automatic (*disabled on non-bi or reporting servers*) | Provides Web connectivity and administration through the Internet Information Services Manager |

Additionally, the ‘Log On As’ setting for the services should be set to a valid NT Login (TBD by DevOps). This is necessary when sql needs to perform an action that needs NT permissions (such as creating a flat file). This should be done for, at minimum, the following services:

* SQL Server
* SQL Server Agent
* SQL Analysis Services
* SQL Integration Services
* SQL Server Reporting Services

#### CHCC Resources Services

<https://medsphere.sharepoint.com/:x:/s/rcmdevops/ES_s2bbgjyxFixfIf6DE4CMBuYv_ypbO7veJley0fKWEJQ?e=j2qEd7>

## Verify that all SQL Servers were installed with Mixed Mode Authentication and that it is allowing remote connections

<https://docs.microsoft.com/en-us/sql/sql-server/sql-server-technical-documentation?view=sql-server-2017>

## Verify the SQL Server Reporting Services database configuration

<https://docs.microsoft.com/en-us/sql/reporting-services/install-windows/install-reporting-services?view=sql-server-2017>

## Add the Standard InsightCS Domain (NT) Users to the SQL Servers

There are standard InsightCS domain (NT) users that should be created in the client’s domain. These users **need to be added to the SA role on all InsightCS related SQL Servers** and/or their rights verified.

|  |  |
| --- | --- |
| **Domain (NT) Username** | **Purpose** |
| **TBD** | SQL Reporting Services – can be used as the datasource login for reporting services reports |
| **TBD** | SQL Server Services – can be used as the login for sql server services (under Windows Services) |
| **TBD** | InsightCS General Service – can be used as the login for interfaces/services (under Windows Services |
| **TBD** | Warehouse / Replication |
| **TBD** | Insight Support (shared login to be used by Support team) |
| **Individual Impl logins** | Each member of the implementation team should have their own login. This is important so multiple people can be logged in working at the same time. |

<https://medsphere.sharepoint.com/:x:/s/rcmdevops/ES_s2bbgjyxFixfIf6DE4CMBuYv_ypbO7veJley0fKWEJQ?e=j2qEd7>

To add a user to the SQL SA Role:

1. Open SQL Management Studio and connect to the SQL Server
2. In the left hand menu (Object Explorer) …
   1. expand the SQL Server node
   2. expand Security node
   3. expand Server Roles node
3. Double-click **SYSADMIN**
4. In the role properties dialog box, click **ADD**
5. Browse the server’s users and select the Standard InsightCS Domain Users
6. Click **OK**
7. Click **OK**
8. *Repeat above steps for each InsightCS related SQL Server*

The users are now in the SA ROLE on the SQL Servers.

## Restore the InsightCS Databases to the Client Server(s)

A base installation of InsightCS consists of the following databases:

1. chcc-rcm: *This is the main InsightCS database*
2. chcc-rcm-test: *This is a COPY of the main InsightCS database which is used in testing*
3. chcc-rcm-collector: *This database is used with the InsightCS interfaces / services*
4. chcc-rcm-collector-test: *This is a COPY of the Collector database which is used in testing*
5. chcc-rcm-sislnk: *This database is used with the InsightCS interfaces / services. Both prod and test will share this database.*

There are two additional databases which are only used / needed if the client has purchased the InsightCS Business Intelligence Suite (BI Suite). They are as follows. These will be created later on in the doc:

1. IcsWarehouse: *Used to house historical / “warehoused” data for reporting / BI – this database gets created through the replication process*
2. InsightCS\_BI: *Analysis services database – created via script*

The above database will need to be created / restored on the client’s SQL Server(s) using the [InsightCS Model databases](#About_InsightCS_Model_Databases). The following table shows which Model database is used to restore which client database:

|  |  |  |
| --- | --- | --- |
| **Client Database** | **Database Type** | **Restored From …** |
| **chcc-rcm** | **SQL Database** | **Rcm-inst-model or rcm-pm-model** |
| **chcc-rcm-test** | **SQL Database** | **Rcm-inst-model or rcm-pm-model** |
| **chcc-collector** | **SQL Database** | **Rcm-collector-model** |
| **chcc-collector-test** | **SQL Database** | **Rcm-collector-model** |
| **chcc-sislnk** | **SQL Database** | **Rcm-sislnk-model** |

**To Restore the InsightCS Model Databases to the Client’s SQL Server(s)**

1. Connect to the client’s SQL Server using SQL Management Studio. The type of connection to use will depend on the database being created / restored. *As you can see above, with the exception of the InsightCS BI database, everything is a standard SQL database.*
2. Once logged into the SQL Server, right-click the **Databases** node and choose **Restore Database**  
   
3. In the **Restore Database** dialog, type the name of the database you would like to restore.
4. Click the C:\Users\mahearn\AppData\Local\Temp\msohtmlclip1\01\clip_image001.pngbox to the right of **From device** on the **Restore Database** dialog
5. Click **Add** in the **Specify Backup** dialog
6. In the **Locate Backup File** dialog, navigate to the .BAK file for the database you are restoring and click **OK**
7. Click **OK** in the **Specify Backup** dialog
8. On the **Restore Database** dialog, under **Select the backup sets to restore**, place a check mark in the box in the Restore column  
   
9. Click **OK**
10. Once the database has been restored, you will see the following pop-up  
     b
11. Click **OK**.

Repeat the above steps for all required databases on the desired servers in the client’s environment.

## Setup Standard InsightCS SQL User Account on SQL Servers

There are several SQL user accounts that need to be created on the InsightCS related SQL Servers. Below is a list of the required users and their purpose with regards to InsightCS:

|  |  |
| --- | --- |
| **SQL User Account** | **Purpose** |
| **controlwks** | Used to log into MonitorApp; miscellaneous interface login |
| **IcsAutoRoom** | AutoRoomCharge Login |
| **IcsAutoDisch** | AutoDischarge login |
| **IcsPrintSrv** | IcsPrintService login |
| **IcsStepUpd** | Step Update login |
| **IcsSysBal** | Sys Bal login |
| **IcsInf** | Inbound / outbound interface login |
| **IcsBillSvc** | Billing Service login |
| **IcsGLSum** | GL Summary login |
| **IcsSmBalWrtOff** | Small Balance Writeoff login |
| **IcsContrReimb** | Contract Reimbursement Login |
| **IcsOEPrint** | OE Print Proc Login |
| **IcsOEChg** | OE Charge Proc Login |
| **IcsTranSvc** | Transaction Service login |
| **IcsBckFreqProc** | Background Frequency Processor login |
| **IcsPayProc** | AR Payment Processor login |
| **IcsServices** | Generic Services Login |
| **IcsNotif** | Notification Service login |

The above SQL Users will need to be created on all InsightCS related SQL Servers. In addition, these accounts will have to be repaired in order to connect theSQL users to the InsightCS databases (*FYI: This happens when restoring databases from one server/domain to another*).

*Default password for these accounts are typically ‘St0ck3!!’. Update if desired.*



## Adjustments That Need to be Made to the InsightCS Model Database(s) for the New Client

1. **Chcc-rcm (*Chcc-rcm-test*)**

The “**Update\_Paths.sql**” script is a script can be altered/run to update registry keys, location\_mstr, profile, report paths, etc…, to point to the correct paths. Please note that this script may need to be added to and/or updated, for each client, and especially for new releases.

Below are additional items that may need to be reviewed.

* + Set the **REPORT\_SERVER\_URL** value:
    - This setting points to the clients Reporting Services instance. The value should be set to the Reporting Services URL (i.e. “http:// <SERVERNAME>/reportserver”)   
        
      Here's a query to set the value:  
      UPDATE global\_registry  
      SET VALUE2 = ‘<CLIENT’S REPORTING SERVICES INSTANCE>’   
      WHERE registry\_key = 'REPORT\_SERVER\_URL'
  + Update the **USER\_MSTR** table
    - The [standard InsightCS Domain (NT) Users](#Ensure_STKL_Accounts_on_client_domain) should already be listed in the USER\_MSTR table, however their NT\_DOMAIN setting will need to be adjusted to match this client’s domain name:
    - The following query will update the NT\_DOMAIN per <ICS\_NT\_USER>:  
      UPDATE user\_mstr   
      SET nt\_domain = '<CLIENT DOMAIN NAME>'   
      WHERE username='<ICS\_NT\_USER>'

1. **Collector (*CollectorTest*)**

* The Collector and CollectorTest databases will need to be updated to point to client-specific servers and passwords.

The “**UPDATE\_COLLECTOR\_PROD.sql**” and “**UPDATE\_COLLECTOR\_TEST”**  scripts can be run to update the tables to client specific values.

1. **Sislnk**

* The Sislnk database will need to be updated to point to client-specific service names.

The “**UPDATE\_SISLNK.sql**” script can be run to update the client table to client specific values.

## Create a TEMPORARY SQL Maintenance Plan for the InsightCS Related Databases

The maintenance plan that will be created here is intended to be used ONLY during the implementation of Insight CS in order to protect Stockell's work at the client site. While this plan is strong enough to be used as the client's regular plan, it should be removed prior to go live for the following reasons:

1. The client's own DBA should create their maintenance plan
2. If the Stockell created plan stays active at the client site, Stockell becomes responsible for the maintenance plan (*i.e. backup and recovery/disaster recovery model at the client site*) in effect become their SQL DBAs.

1. Connect to the client's production SQL Server using the SQL Server Management console, right-click **Maintenance Plans** under **SERVER NAME --> MANAGEMENT** within the Object Explorer, and choose **New Maintenance Plan** andnamethe maintenance plan "INSIGHT CS INSTALL MAINTENANCE".
2. For this maintenance plan we will need the following:
   1. 2 x "Maintenance Cleanup Task: 1 to cleanup .BAK files & 1 to cleanup .TRN files
   2. 2 x Backup Database Tasks: 1 to backup the databases & 1 to backup the transaction logs
   3. 1 x Shrink Database Task to shrink the databases to enhance performance
3. Drag the above from the Maintenance Plan Tasks pane to the maintenance plan:  
   
4. Once added, the pieces need to be linked together sequentially as follows. To do this, drag the green arrow from task # 1 to task # 2, etc  
   
5. Using the above numbering scheme, configure the pieces of the plan in the following way:
   1. #1 - Maintenance Cleanup Task
      1. Delete file of the following type:
         1. Choose "Backup Files"
      2. File Location:
         1. Choose "Search folder and delete files based on extension"
         2. For "Folder", navigate to the folder/share where the client would like to store their SQL backup files. For "File Extension", type in "BAK" (without the quotes)
         3. Place a check mark next to "Include first-level subfolders"
      3. File Age:
         1. Choose "Delete files based on the age of the file at task run time"
         2. Delete files older than 1 week(s)
   2. #2 - Maintenance Cleanup Task 1
      1. Delete file of the following type:
         1. Choose "Backup Files"
      2. File Location:
         1. Choose "Search folder and delete files based on extension"
         2. For "Folder", navigate to the folder/share where the client would like to store their SQL backup files. For "File Extension", type in "TRN" (without the quotes)
         3. Place a check mark next to "Include first-level subfolders"
      3. File Age:
         1. Choose "Delete files based on the age of the file at task run time"
         2. Delete files older than 1 week(s)
   3. #3 - Back Up Database Task
      1. Backup Type:
         1. Choose "Full"
      2. Databases:
         1. Choose "Specific Databases" and place a check mark next to all the Stockell databases
      3. Select "Create a backup file for every database"
         1. Choose "Create a sub-directory for each database"
            1. For "Folder", navigate to the folder/share where the client would like to store their SQL backup files.
            2. For "File Extension", type in "BAK" (without the quotes)
   4. #4 - Back Up Database Task 1
      1. Backup Type:
         1. Choose "Transaction Log"
      2. Databases:
         1. Choose "Specific Databases" and place a check mark next to all the Stockell databases
      3. Select "Create a backup file for every database"
         1. Choose "Create a sub-directory for each database"
            1. For "Folder", navigate to the folder/share where the client would like to store their SQL backup files.
            2. For "File Extension", type in "TRN" (without the quotes)
   5. #5 - Shrink Database Task
      1. Connection:
         1. Choose "Local Server Connection"
      2. Databases:
         1. Choose "Specific Databases" and place a check mark next to all the Stockell databases
      3. Shrink database when it grows beyond: 50 MB
      4. Amount of free space to remain after shrink: 10 %
      5. Select "Return freed space to operating system"
6. Add a schedule to the new maintenance plan
   1. To tell the plan when to execute, you will need to create a schedule for the plan. To do so, click the  icon to the right of "Subplan\_1" within the maintenance plan (*FYI: subplan\_1 is the plan we just created*).
   2. In the popup, choose the following:
      1. Schedule Type: Recurring
      2. Occurs: Daily
      3. Recurs every: 1 day(s)
      4. Occurs once at: 12:00:00 AM
   3. Click **OK** to save the schedule.
7. Save and test the plan
   1. Once the new maintenance plan has been saved, right-click it in the list and choose **Execute**
   2. The plan will run and should return **Success** ****

## Create Standard SQL Scheduled Jobs

There are several SQL Scheduled jobs that need to be created on the client’s SQL Server. These jobs are used for various reasons and are outlined below. NOTE – all sql jobs should have notifications set up. Upon failure, an email notification should be sent to the client site. (Support will set up notifications for Cloud-hosted sites)



The “**Create Standard SQL Scheduled Jobs.sql**” script can be adjusted and run to create these SQL scheduled jobs. This will need to be run against both Prod and Test RCM databases.



# Deploying and Configuring the InsightCS Standard Reports

At this point, [once the SQL Servers have been setup and configured](#Setup_SQL_SERVERS), it is time to deploy the InsightCS Standard Reports.

Before you can begin this process, the installation [files must be uploaded to the client network](#Upload_Required_Files) (*preferably on the main Application Server*).

To deploy InsightCS Standard Reports (*twice, once for Prod and once for Test*):

* Run the **Reporting\_setup.exe**. Please note that it may be necessary to run the exe as an administrator in order to successfully install the reports. In order to do so, launch cmd.exe as an administrator, then navigate to the folder with the report installer in it, and run it from there.
* Click **NEXT**
* Fill in the form:
  + Report Server Path
    - This is the path the report server base installation (i.e. http://<SERVERNAME>/reportserver where <SERVER NAME> is the name of the reporting services server).
    - NOTICE: NO trailing slash …
  + Root Directory:
    - This should be "/Insight/<DATABASE NAME>"
* Click **NEXT**
  + Notice that **Analytical Reports** is by default, NOT installed …
    - * Analytical Reports should be installed for all clients. You will be prompted for a password. Password = stockellbi
* Click **NEXT**
* Click **INSTALL**
* You will see a popup that states: “Installing Reports”, click **OK**
* At this point, a COMMAND PROMPT (or DOS) window will appear. You will see several messages go by in this window. This will happen several times
  + Each time you see the following, press the **ENTER** key to continue:  
      
    
* Click **FINISH** in the final dialog



## Configure Data Sources

Once reports have been deployed, their data sources need to be configured for both the Chcc-rcm and Chcc-rcm-test databases. To configured the InsightCS Reports data sources:

1. Connect to the client reporting server and do the following for each deployment of reports (production and test):
2. Click to open the database's report folder
3. Click to open the **InsightCS** folder
4. Click to open **Data Sources** folder
5. For each data source listed:
   1. Click on the data source
   2. Ensure that the connection string is correct
   3. Ensure that the security settings are correct
      1. In most cases, "Windows integrated security" should be used.
6. Click **APPLY**

|  |  |
| --- | --- |
|  | For clients that HAVE NOT purchased the BI Suite, the InsightCS DW data source should be configured to match the InsightCS data source.  For clients that HAVE purchased the BI Suite, the **InsightCS DW** data source should point to the client's warehouse database. |

***Note on Connection Strings within Reporting Services***

*The connection strings within Reporting Services are in the following format:*

*Data Source=<SERVER>;Initial Catalog=<DATABASE>*

*Where <SERVER> is either the FQDN of the server, or "(local)" if the reports and the database are on the same server and <DATABASE> is the name of either the PRODUCATION or TEST database.*



## Add the Logo Image Files to the Reporting Services Server

The following images are used by most of the InsightCS Standard Reports:

* ClientLogo.bmp  
  *H/W in pixels: 300/112*
* InsightCS.bmp  
  *H/W in pixels: 197/75*

*The default “ClientLogo.bmp” file is a copy of the Stockell logo. If a graphic of the client’s logo is available, “ClientLogo.bmp” should be replaced with the client’s logo. The BMP format, as well as sizing, of the original should be retained.*

These files will need to be uploaded to all Application Area folders under Chcc-rcm/Chcc-rcm-test (Accounts Receivable, ADT – Registration, ATB, etc…)

## Adjust Snapshot options

For all reports that can be configured to have a snapshot taken each time when rendered, update the ‘Snapshot Options’, limited the number of copies or report history. A good standard would be to set this to 30. Adjust as necessary. The following reports currently can be configured for automatic snapshots:

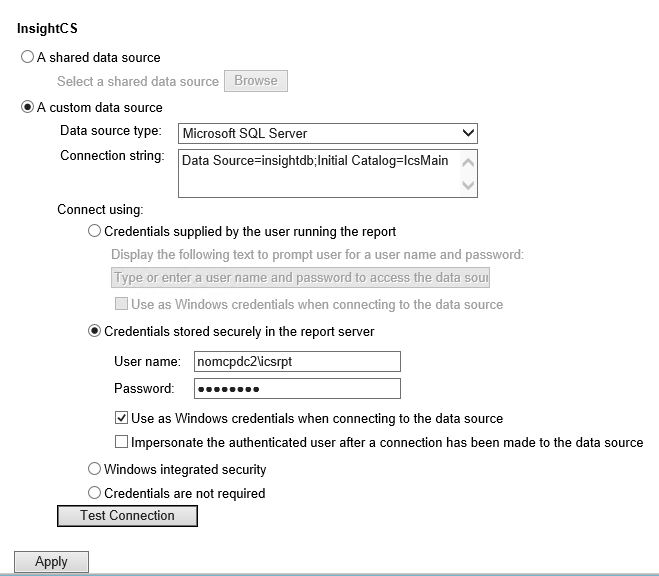
* Billing Selection
* Billing Exceptions
* System Balance
* GL Summary

Note: I haven’t actually tested this, but you should be able to set the Snapshot options for the entire report library by selecting ‘Site Settings’ at the top of the Report Manager. In the General tab, you can then set the snapshot options as necessary.

## Reports with Custom Data Source

There are several reports in which you must specify a custom data source, instead of using a shared data source. If this is not updated, the processes that utilize these reports will fail. When specifying the custom data source, select the option to use ‘Credentials stored securely in the report server’, enter in the SQL NT account and password, and finally select the ‘User as Windows credentials when connecting to the data source’ checkbox, and then click ‘Apply’. The following reports must be updated to use a custom data source:

* BillingSelection (under Claim Management)
* BillingException (under Claim Management)
* GLSummary (under InsightCS Application)
* SystemBalance (under Patient Accounting)
* CodesImport (under InsightCS Application)



## Permissions

Ensure appropriate permissions have been set up on the Report Server for RCM users to access reports.



## Additional RDL’s to install

There are additional reports that are not part of the Report Installer that should be added manually. Those RDL’s can be found here:

<https://medsphere.sharepoint.com/IT%20Operations/Shared%20Documents/Forms/AllItems.aspx?id=%2FIT%20Operations%2FShared%20Documents%2FRCM%2FOperations%20Files%20%28for%20new%20installs%29%2FRDLs>

* CollectorProductivity (installed under Accounts Receivable)
* Patient\_Labels\_LB2\_MFB (installed under ADT – Registration)
* Patient\_Labels\_PLS\_102W (installed under ADT – Registration)
* Patient\_Labels\_PLS\_214 (installed under ADT – Registration)
* PatientLabelsAvery5160 (installed under ADT – Registration)
* PatientStatement\_PayPlan (installed under Letters and Statements)
* PatientStatement\_PayPlanPastDue (installed under Letters and Statements)

Once added, their respective data sources will need to be set manually.

# Install and Configure InsightCS Application Servers



Prior to configuring the Application Servers, please ensure that you have [uploaded all required files to the client site](#Upload_Required_Files) and [created the required directory structure and file shares](#Create_Required_File_Shares) on their Application Servers.

In a typical environment, there will be two InsightCS Application Servers (*formerly “Control Workstations”*). These servers are used in both testing as well as production to:

1. Run the InsightCS client application during the implementation phase
2. Run all InsightCS Nightly Processes
3. Run all InsightCS Services
4. Run all InsightCS Interfaces

*~~This section outlines the steps needed to fully install an InsightCS Application Server. These steps should be~~* ***~~repeated for each Application Server at the client site.~~***

*~~When setting up the prod / test application servers, each should have BOTH prod and test processes and services installed. In the event that one of the servers goes down, the other should have already been configured to run those processes (as a backup). Processes that aren’t being used should be disabled (for example, production processes should be disabled on the test application server, and vise versa.)~~*



## Create the Standard ODBC connection DNS’s

|  |  |  |
| --- | --- | --- |
| **Data Source** | **Description** | **Notes** |
| CHCC-RCM | RCM PRODUCTION | Defined on any machine that is to access InsightCS |
| CHCC-RCM-TEST | RCM TEST | Defined on any machine that is to access InsightCS |
| CHCC-COLLECTOR | Collector | Define only on the Application Server or any PC monitoring the interfaces. Needs to be setup using SQL Authentication |
| CHCC-COLLECTOR-TEST | Collector | Define only on the Application Server or any PC monitoring the interfaces. Needs to be setup using SQL Authentication |
| CHCC-SISLNK | Sislnk | Define only on the Application Server or any PC monitoring the interfaces. Needs to be setup using SQL Authentication. |

To create manually, for each ODBC, you will:

1. Navigate to the C:\Windows\SysWOW64\ folder, and run the odbcad32.exe file.
2. Click the **System DSN** tab
3. Click the **ADD** button
4. Scroll down and choose **SQL SERVER** in the list of drivers
5. Click **FINISH**

To create the ODBCs:

* Name: {RCM\_PROD\_DB\_NAME}
  + Description: InsightCS
  + Server: <NAME OF CLIENT’S SQL SERVER>
  + Click **NEXT**
  + Choose **WITH WINDOWS NT AUTHENTICATION USING THE NETWORK LOGIN ID**
  + Place a check mark next to **CONNECT TO SQL SERVER TO OBTAIN DEFAULT SETTINGS FOR THE ADDITIONAL CONFIGURATION OPTIONS**
  + Click **NEXT**
  + Place a check mark next to **CHANGE THE DEFAULT DATABASE TO** and select the **{RCM\_PROD\_DB\_NAME}** database
  + Click **NEXT**
  + Click **FINISH**
  + Click **TEST DATA SOURCE** to test your connection
* Name: {RCM\_TEST \_DB\_NAME}
  + Description: InsightCS
  + Server: <NAME OF CLIENT’S SQL SERVER>
  + Click **NEXT**
  + Choose **WITH WINDOWS NT AUTHENTICATION USING THE NETWORK LOGIN ID**
  + Place a check mark next to **CONNECT TO SQL SERVER TO OBTAIN DEFAULT SETTINGS FOR THE ADDITIONAL CONFIGURATION OPTIONS**
  + Click **NEXT**
  + Place a check mark next to **CHANGE THE DEFAULT DATABASE TO** and select the **{RCM\_TEST\_DB\_NAME}** database
  + Click **NEXT**
  + Click **FINISH**
  + Click **TEST DATA SOURCE** to test your connection
* Name: {RCM\_COLLECTOR\_PROD\_DB\_NAME}
  + Description: Collector
  + Server: <NAME OF CLIENT’S SQL SERVER>
  + Click **NEXT**
  + Choose **SQL AUTHENTICATION**
  + Configure the ODBC to connect using the CONTROLWKS username and its password (favre)
  + Click **NEXT**
  + Place a check mark next to **CHANGE THE DEFAULT DATABASE TO** and select the **{RCM\_COLLECTOR\_PROD\_DB\_NAME}** database
  + Click **NEXT**
  + Click **FINISH**
  + Click **TEST DATA SOURCE** to test your connection
* Name: {RCM\_COLLECTOR\_TEST\_DB\_NAME}
  + Description: Collector
  + Server: <NAME OF CLIENT’S SQL SERVER>
  + Click **NEXT**
  + Choose **SQL AUTHENTICATION**
  + Configure the ODBC to connect using the CONTROLWKS username and its password (favre)
  + Click **NEXT**
  + Place a check mark next to **CHANGE THE DEFAULT DATABASE TO** and select the **{RCM\_COLLECTOR\_TEST\_DB\_NAME}** database
  + Click **NEXT**
  + Click **FINISH**
  + Click **TEST DATA SOURCE** to test your connection
* Name: {RCM\_SISLNK\_DB\_NAME}
  + Description: Sislnk
  + Server: <NAME OF CLIENT’S SQL SERVER>
  + Click **NEXT**
  + Choose **SQL AUTHENTICATION**
  + Configure the ODBC to connect using the CONTROLWKS username and its password (favre)
  + Click **NEXT**
  + Place a check mark next to **CHANGE THE DEFAULT DATABASE TO** and select the **{RCM\_SISLNK\_DB\_NAME}** database
  + Click **NEXT**
  + Click **FINISH**
  + Click **TEST DATA SOURCE** to test your connection



## Install and Configure the InsightCS Client Software

Before installing InsightCS, you will need to install all the prerequisites (*located in “I:\<MAJOR VERSION>\Prerequisites”*). At the time of this writing, the following are required as prerequisites:

|  |  |
| --- | --- |
| **Software** | **Installation File** |
| .NET Framework | dotNetFx40\_Full\_x86\_x64.exe |
| Microsoft Report Viewer Controls | ReportViewer\_2008SP1.exe |
| Feature Pack for SQL Server 2005 (Only needed for BI Suite.) – probably no longer needed | SQLServer2005\_ASOLEDB9.msi |
| Visual C++ 2010 Redistributable Package – I’ve never actually needed this | en\_vc++\_2010\_redist\_package\_x86\_x64\_ia64\_508951.exe |



Once the prerequisites have been installed, you will run the InsightCS Installer:

1. Open a command prompt as an Administrator.
2. Navigate to the folder that the MSI resides.
3. Run the MSI
4. Click NEXT
5. File out the Custom Setup Form
   1. Select any additional components that have been purchased by the client and need to be installed
      1. To install a component that is marked with an **X**:
         1. Click on the component and choose “**This feature will be installed on local hard drive**”
         2. Note – ‘Operations Files’ should be selected when installing on application servers, or any machine in which Monitor App will run from. ‘Operations Report Files’ should be installed on the application servers only, and only needs to be installed if client is utilizing the IcsPrintService.
   2. If needed, adjust the installation directory by selecting **CHANGE**
6. Click **NEXT**
7. If needed, modify the START 🡪 ALL PROGRAMS folder that will be installed. The default value is **Stockell Healthcare**.
8. Click **NEXT**
9. Click **INSTALL**
10. If Imaging is being installed, you will be prompted for a password. The password is “foryoureyesonly” (*without quotes*)
11. Once the installer has completed, click **OK**
12. Next, run the MSP installer to load the patch.



## Install the standard InsightCS Nightly Processes

There are 6 nightly processes that need to be installed on the Application Servers:

1. ProdDB\_Nightly\_Process
2. ProdDB\_Nightly\_PurgePrintFiles
3. ProdDB\_Nightly\_Billing
4. TestDB\_Nightly\_Process
5. TestDB\_Nightly\_PurgePrintFiles
6. TestDB\_Nightly\_Billing
7. CDR Inbound
8. ERA Inbound
9. Ftp 837 Outbound
10. Patient Statement FTP

Each of these nightly processes consists of the following:

* A BAT script / ftp script
* A Windows Scheduled Task that runs the BAT script



To install the nightly processes:

NOTE: Scheduled Tasks can be created manually, or imported. To import perform the following:

* 1. Locate the Nightly Process xml files <https://medsphere.sharepoint.com/IT%20Operations/Shared%20Documents/Forms/AllItems.aspx?viewpath=%2FIT%20Operations%2FShared%20Documents%2FForms%2FAllItems%2Easpx&viewid=00000000%2D0000%2D0000%2D0000%2D000000000000&id=%2FIT%20Operations%2FShared%20Documents%2FRCM%2FOperations%20Files%20%28for%20new%20installs%29%2FNightly%20Processes%2FCreate%20Scheduled%20Tasks%20%28import%20files%29>
  2. Import each of those files into the Task Scheduler on each application server.
  3. After importing each task, you will be prompted to enter credentials that these tasks will run under. Please user the ‘NT Services Account’, which should have been set up earlier in this document.
  4. Adjust Settings as necessary (location of the \_SCRIPTS folder, user to run the jobs, timing, etc…). Enable/**disable** jobs as necessary (Test jobs disabled on prod machine; Prod jobs disabled on test machine).



1. Ensure that you have [created the required directory structure and file shares](#Create_Required_File_Shares) on the Application Server
2. Create the following Windows System Variables (right-click on **My Computer** – Select **Properties –** Select **Advanced System Settings –** Select **Environment Variables**). These variables will be used within the nightly process bat files. (These variables can also be created automatically be running the create\_env\_variables.reg file, located here: <https://medsphere.sharepoint.com/IT%20Operations/Shared%20Documents/Forms/AllItems.aspx?viewpath=%2FIT%20Operations%2FShared%20Documents%2FForms%2FAllItems%2Easpx&viewid=00000000%2D0000%2D0000%2D0000%2D000000000000&id=%2FIT%20Operations%2FShared%20Documents%2FRCM%2FOperations%20Files%20%28for%20new%20installs%29%2FMisc%20files>)
   1. CHCC-RCMTLOC  
      *The location, on the local server, of the InsightCS share (NOT the InsightCS installation directory). For example, C:\InsightCS*
   2. ICSPRODDB  
      The InsightCS production database name (Chcc-rcm)
   3. ICSPRODDSN  
      The InsightCS production DSN/ODBC name (Chcc-rcm)
   4. CHCC-RCM-TESTDB  
      The InsightCS test database name (Chcc-rcm-test)
   5. CHCC-RCM-TESTDSN  
      The InsightCS test DSN/ODBC name (Chcc-rcm-test)
3. Copy the Nightly Process scripts to the “<APPLICATION SERVER INSIGHTCS SHARE>\\_SCRIPTS” folder. The following files will need to be copied to this location:
   1. AutoBilling\_Main.ps1
   2. ProdDB\_AutoBilling.bat
   3. ProdDB\_Nightly\_Process.bat
   4. ProdDB\_Nightly\_PurgePrintFiles.bat
   5. PurgePrintFiles.vbs
   6. AutoBilling\_Test.ps1
   7. TestDB\_Nightly\_Process.bat
   8. TestDB\_Nightly\_PurgePrintFiles.bat
   9. TestDB\_AutoBilling.bat
   10. Powershell.exe.config

**Each file should be update as necessary (update username/passwords/paths, enabling/disabling nightly processes, etc…)**

After the Nightly Processes have been installed they will need to be tested.



## Install the ERA config files

**Install the ERA.cfg file in the C:\InsightCS\{DB\_Name}\ERA\ folder (Test too). Update file by setting the server path appropriately).**

## Install the InsightCS Background Services and Interfaces

If purchased, you will need to install any number of the following InsightCS Background Services and/or Interfaces on the client’s Application Servers.

*Before you begin the Services and Interfaces installation, ensure that you have* [*created the required directory structure and file shares*](#Create_Required_File_Shares) *on the Application Server.*

|  |  |
| --- | --- |
|  | There have been several discussions regarding the password requirements for the CONTROLWKS sql user. At this time (01-07-10), the password for the CONTROLWKS user, used by interfaces to connect to all Stockell databases, MUST be set to ‘favre’. |

For each Application Server:

Copy the entire contents of the “Interfaces\Operations” folder ([*found within the installation package you created and uploaded earlier*](#Upload_Required_Files)) to the “<APPLICATION SERVER>\ IcsInterface\Operations” folder ([*created earlier*](#Create_Required_File_Shares)).

Chcce files will need to be modified with inbound and outbound port numbers and/or IP addresses (though this is typically done during Implementations). In each of the files, modify the last column, associated to the ‘tm\_SocketRAdaptSislnkMsg’ with the port number and, possibly, IP address that service is to use. Files that store the usernames and passwords may need to be updated as well. Additionally, ‘CONFIG’ files will need to be updated with the client-specific-service-name, where necessary.

In the “IcsInterface\Operations” folder, the **Installation.cfg** needs to be modified to indicate to the installation package which services are to be installed on the application server.

|  |  |
| --- | --- |
|  | NOTE: The Installation.cfg file cannot install more than 10 of each kind of service (Collector, Service or Interface). If more than 10 interfaces (*for example*) are needed, create a second Installation.cfg file containing only the interfaces that need to be installed. |

Here is an example of the file for a production environment.

###################################

## Installation Configuration ##

## For use with the Interface IS ##

###################################

# Collector Service Configuration

[Collector]

COLLECTOR0 = Collector\_Main

# Background Service Configuration

[Services]

SERVICE0 = OEPrintProc\_Main;10001

SERVICE1 = OEChargeProc\_Main;10002

SERVICE2 = IcsPrintService\_Main;10003

SERVICE3 = BckgrndFreqProc\_Main;10004

SERVICE4 = IcsStmToIcsTrig\_Main;50

# Interface Configuration

[Interfaces]

INTERFACE0 = IcsTrigToSislnkEvent\_Main;100

INTERFACE1 = SislnkEventToSislnkHL7\_Main;200

INTERFACE2 = SislnkHL7To<IE>HL7\_Main;300

INTERFACE3 = <IE>HL7ToSislnkHL7\_Main;400

INTERFACE4 = SislnkHL7ToIcsDb\_Main;500

Here is an example of the file for a test environment.

###################################

## Installation Configuration ##

## For use with the Interface IS ##

###################################

# Collector Service Configuration

[Collector]

COLLECTOR0 = Collector\_Test

# Background Service Configuration

[Services]

SERVICE0 = OEPrintProc\_Test;11001

SERVICE1 = OEChargeProc\_Test;11002

SERVICE2 = IcsPrintService\_Test;11003

SERVICE3 = BckgrndFreqProc\_Test;11004

SERVICE4 = IcsStmToIcsTrig\_Test;1050

# Interface Configuration

[Interfaces]

INTERFACE0 = IcsTrigToSislnkEvent\_Test;1100

INTERFACE1 = SislnkEventToSislnkHL7\_Test;1200

INTERFACE2 = SislnkHL7To<IE>HL7\_Test;1300

INTERFACE3 = <IE>HL7ToSislnkHL7\_Test;1400

INTERFACE4 = SislnkHL7ToIcsDb\_Test;1500

*Notes on the installation.cfg file*

*Please use files as close to the examples as possible. The above examples can be found in the Operations folder, with the names of Installation\_Main.cfg and Installation\_Test.cfg. The installation process will prompt the user for which installation cfg file that is to be used. Additionally, the suffixes of the services will need to be updated to match those defined in the {COLLECTOR\_DBS}.SERVICE\_MSTR table.*

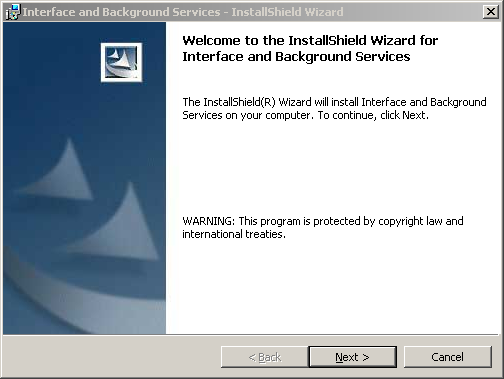
The Service and Interface numbers (Service1 and Interface2) need to be numbered in consecutive order. Therefore if a service or an interface needs to be removed so it is not installed, other services/interfaces may need to be re-numbered so there are no numbers missing. The maximum number of services or interfaces that can be installed at one time is 10 (0 – 9).

The first parameter after the equal sign (=) will be the name of the service/interface being installed.

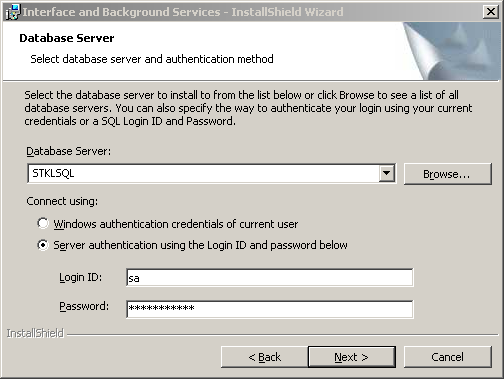
The installation package is looking for specific strings in each name to determine what to install. However there are certain standards that can be modified when installing a new client. The services/interfaces specific for the production environment contain a ‘\_Main’ at the end of the name. The services/interfaces specific for the test environment contain a ‘\_Test’ at the end of the name. (Again, these will need to be updated as mentioned above)

Finally, the number after the name is referred to as a Service ID. Please keep the number associated with each service/interface the same as those in the examples above.

Next, copy the interface installer to the IcsInterface\Operations folder. Open up a command prompt ‘as Administrator’, and navigate to the Operations folder. Run the interface installer. The first screen to display is shown on the following page.



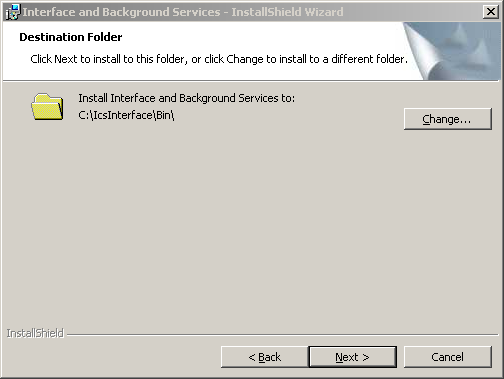
At the bottom of each screen, the **Next** button will need to be selected to proceed with the installation.



This screen is used to determine the SQL Server being used and to indicate the login to be used in proceeding with the installation.

The **Database Server** can be selected from the drop down, or can be typed in. The user also has the option to use the Browse button to find the server.

In the **Connecting using** section indicate the type of authentication being used for this installation. If Server authentication is selected, it is necessary to enter a valid SQL username/password before proceeding. This user should have sufficient rights to modify existing SQL tables on the server selected above.

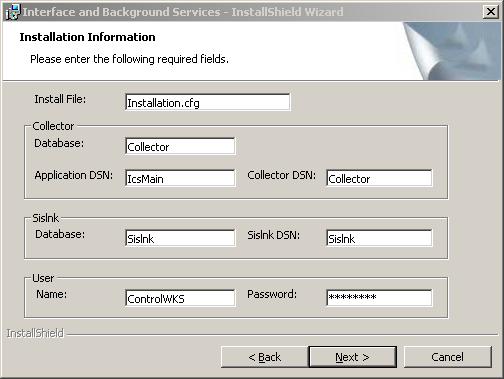


This screen allows for the selection of the folder on the application server where all of the files will be written.

The standard is to have the files needed for the production environment written to an IcsInterface\Bin folder and the files for the test environment written to an IcsInterface\BinTest folder.

**The IcsInterface folder needs to be a pre-existing shared folder on the application server.**[Ensure the folders / shares have been created.](#Create_Required_File_Shares)

If the default folder path (C:\IcsInterface\Bin) is not desirable, the Change button can be used to modify the path. (for example, if there is a D:\ or E:\ drive, it may be better to use that instead)



This screen is used to indicate the databases that will be used for the interfaces and background service.

In the **Install File** field indicate which Installation.cfg file will be used, the one ending in \_Main.cfg or the one ending in \_Test.cfg

Collector

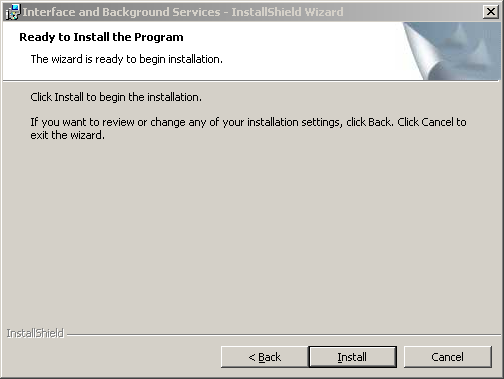
* The Collector section is used by both the interfaces and the background services. Enter the name of the Collector database to be used in the **Database** field. The standard database naming convention is to use Collector for the production environment and CollectorTest for the test environment.
* Enter the DSN this machine will use to connect to the Stockell application database in the **Application DSN** field. The standard naming conventions are Chcc-rcm for production and Chcc-rcm-test for the test environment.
* Enter the DSN this machine will use to connect to the Stockell collector database in the **Collector DSN** field. Normally, these names reflect the name of the database entered previously: Collector for the production and CollectorTest for the test environment.

Sislnk

* The Sislnk database is used by only the interfaces. Enter the name of this database to be used in the **Database** field. The standard database name is Sislnk.
* Enter the DSN to be used when connecting to the Sislnk database in the **Sislnk DSN** field.

User

* Finally enter the SQL user **Name** and **Password** that will be used by the interfaces and background process to attach to the databases. The Stockell standard is to use the IcsInf user, as configured earlier in this doc.



This is the final screen the user will see before the installation process begins. Select the Install button to continue.

This will complete the installation of the interfaces and the background services.

Validate the installation ran successfully

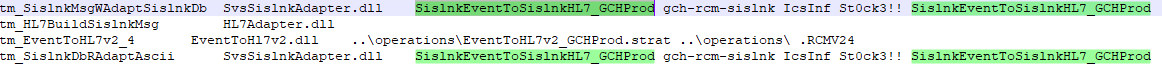
A couple things can be done to ensure the installation ran successfully.

1. Control Panel – Services  
   Open up Services from Run 🡪 Settings 🡪 Control Panel 🡪 Administrative Services  
     
   There should be a service created for every Service and Interface listed in the Installation\_\*.cfg used for the installation.

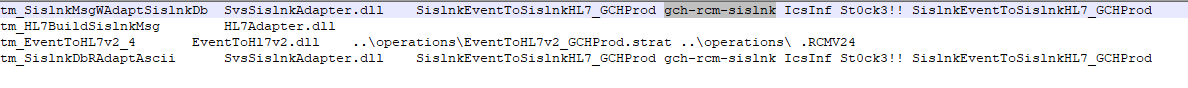
When checking each service, it would be a good idea to set all services that are supposed to run at that machine to run Automatically. This can be done by in each services’ properties. Similarly, for services that shouldn’t be running, set them to Disabled (test services on the prod machine / vice versa).  
  
Also, the ‘Log On’ account should be set for certain services (although it wouldn’t hurt to set it for all services. Services that require the ‘log on’ to be set are (Services NT account should be used):

* + IcsPrintService
  + IcsNotificationService (to be installed later)
  + Billing Service (to be installed later)
  + CDR Processor (to be installed later)

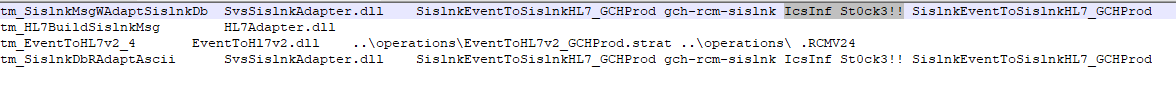
1. Update REGEDIT values. There are chcce REGEDIT values that need to be updated manually:
   1. For any services that have a login specified, update the username/password to the service-specific username/password (SQL Login specified earlier).
      1. To do this, click the Start button, and type in REGEDIT, and hit enter, which will bring up the Registry Editor.
      2. Navigate to HKEY\_LOCAL\_MACHINIE -> SYSTEM -> CurrentControlSet -> Services
      3. Find the following services. Then under the Parameters folder, you will find UID and PWD fields. Update the UID fields as follows for each service, along with the password that was set up earlier in this doc:
         1. Collector\_xxxxx – IcsInf
         2. IcsStmToIcsTrig\_xxxxx – IcsInf
         3. OEPrintProc\_xxxxx – IcsOEPrint
         4. OEChargeProc\_xxxxx – IcsOEChg
         5. IcsPrintService\_xxxxx – IcsPrintSrv
         6. BckgrndFreqProc\_xxxx – IcsBckFreqProc (found under the Arglist parameter)
         7. ARPayProc\_xxxxx – IcsPayProc
         8. IcsTransService\_xxxx – IcsTravSvc (service to be installed later)
2. Go into the C:\IcsInterface\Operations\ folder. For each CONFIG file, make the following updates:
   1. Any place where the service name is specified, update the name to use the client suffix that was previously determined when updating the Sislnk/Collector databases



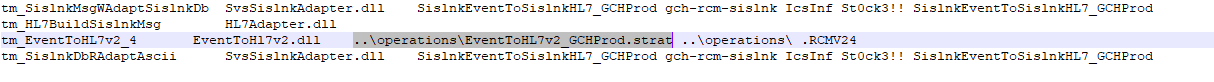
* 1. Any place where a database name is specified, update it to the corresponding DSN name that was set up earlier in this doc



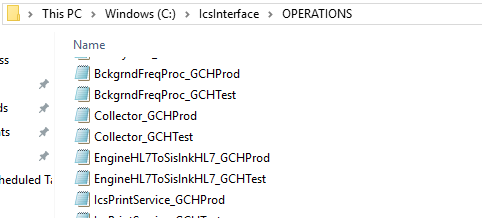
* 1. Immediately following the DSN name are the username/passwords it will use. Update as necessary



* 1. Chcce of the config files will reference .strat files. Update the name to use the client-specific suffix



1. In the same folder, update each of the cfg/config/strat file names so that they end in the appropriate ‘database name suffix’



NOTES:

* The background services and interfaces will be defined as services, within Control Panel. This installation process will set these services up to run manually. We suggest modifying the services for the production environment on the PC designated to run them at Automatic, so they will automatically start when the machine is rebooted.  
    
  This can be done via the Control Panel – Administrative Tools Services. Right click on each of the services installed (refer to Installation\_Main.cfg file for a list) and select Properties. Change the Start Type from Manual to Automatic.  
    
  The services should only be running on the machine that have been designated to run on. Never run the same service (background service or interface) on multiple application servers at the same time.
* Both prod and test background services and interfaces should be installed on both Prod and Test application servers. This is necessary in the case of an application server going down – the other server can be used as a failsafe. Prod services should be disabled on the test application server; similarly, test services should be disabled on the prod application server. Disabling services is performed the same way in which you set services to start Automatically (previous bullet)

## Adjusting the IcsPrintService

During the installation of InsightCS, the following folder is created and used by the IcsPrintService: “c:\Program Files\InsightCS\Reports”. While this will work, it poses chcce serious issues during client upgrades:

1. The files contained in the Reports folder are needed by the IcsPrintService
2. Chcce of these files are customized
3. During the Insight CS uninstall process (done during an upgrade, this folder is deleted. This can result in the loss of any customized configurations for the client

You will need to adjust the IcsPrintService to point to the correct directory. The correct directory, created during the [Nightly Processes installation](file:///m:/My%20Documents/SharePoint%20Drafts/InsightCS%20Installation%20and%20Configuration.docx#InstalltheInsightCSNightlyProcesses), is depending on the database (main or test) being used:

C:\InsightCS\<DATABASE\_NAME>\Reports\

\**Where <DATABASE\_NAME> is equal to either “Chcc-rcm” or “Chcc-rcm-test”*

To reconfigure the IcsPrintService, do one of the following:

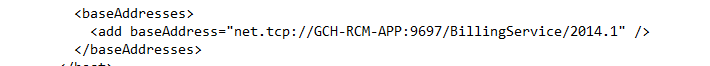
* Manually re-configure the service:
  1. Open the Windows Registry:
     1. START 🡪 RUN
     2. Regedit
  2. Navigate to one of the following keys (*depending on whether you’re adjusting for TEST or MAIN*):
     1. HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\IcsPrintService\_Main\Parameters
     2. HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\IcsPrintService\_Test\Parameters
  3. Adjust the “ExeRoot” parameter to C:\InsightCS\<DATABASE NAME>\Reports\
  4. Exit REGEDIT
  5. Now copy all of the files from the C:\Program Files\InsightCS\Reports\ folder, to the newly created C:\InsightCS\<DATABASE NAME>\Reports\ folder.
  6. Reboot the Application Server

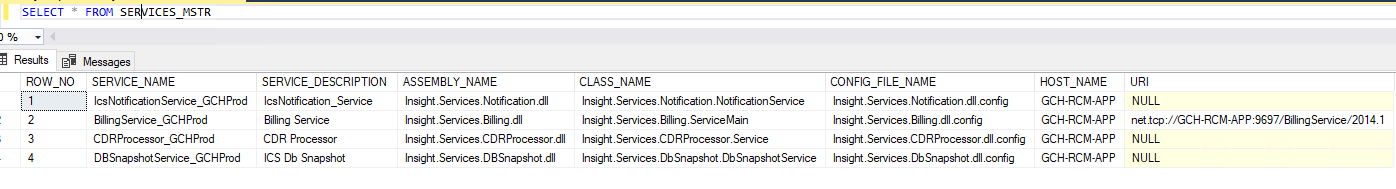
# Setting up Other Services on the Application Server

## Notification Service / Billing Service / CDR Processor / DB Snapshot

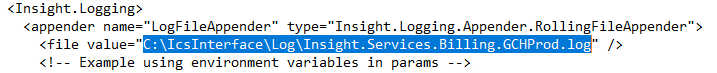
The Notification Service, Billing Service CDR Processor and DB Snapshot services are not installed by the Interface installer, and must be installed manually, using the InsightSvc executable. Perform the following steps to install these services:

* 1. On the application server, navigate to the following directory: C:\Program Files (x86)\Insight\BIN\Config Examples\
  2. Copy the following files to the desktop:
     1. Insight.Services.Billing.dll.config
     2. Insight.Services.CDRProcessor.dll.config
     3. Insight.Services.DBSnapshot.dll.config
     4. Insight.Services.Notification.dll.config
     5. InsightSvc.exe.config
  3. Make the following updates to each of the files:
     1. Insight.Services.Billing.dll.config
        1. Update the baseAddress value. This value should match the value in the SERVICES\_MSTR table in the RCM database for the billing service.

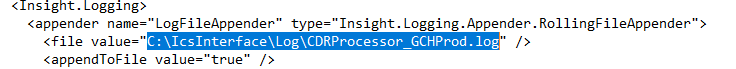




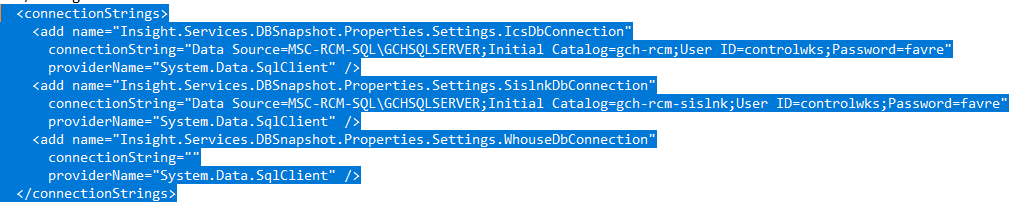
* + - 1. Update the log file path/name:



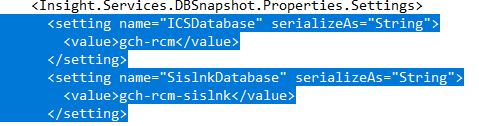
* + 1. Insight.Services.CDRProcessor.dll.config
       1. Update the log file path/name:



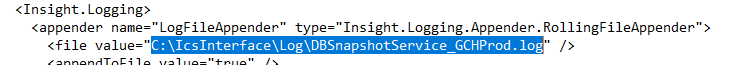
* + 1. Insight.Services.DBSnapshot.dll.config
       1. Update the connection string info for the RCM and Sislnk databases. Controlwks credentials can be used. The warehouse connection string can be blanked out.



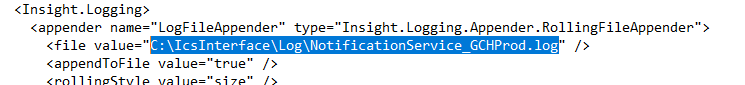
* + - 1. Update database values for the RCM and Sislnk Databases (warehouse can remain as-is):



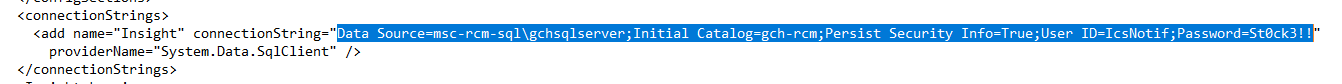
* + - 1. Update log file path/name:



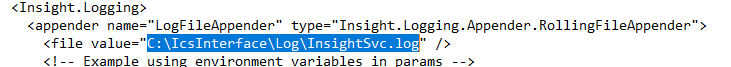
* + 1. Insight.Services.Notification.dll.config
       1. Update log file path/name:



* + 1. InsightSvc.exe.config
       1. Update the connection string to the RCM database. IcsNotif username should be used.

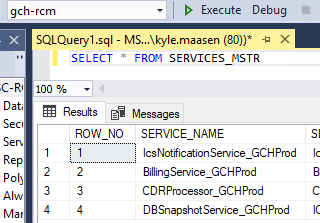


* + - 1. Update the log file path:



* 1. Copy the updated files to the C:\Program Files (x86)\Insight\BIN\ folder.
  2. Open up a command prompt as Administrator, and change to the C:\Program Files (x86)\Insight\BIN\ path.
  3. Run the following command: insightsvc /i 1. This will install the IcsNotificationService (or whatever is specified in the SERVICES\_MSTR table with a ROW\_NO of 1.





* 1. Repeat for the remaining ROW\_NO’S in the SERVICES\_MSTR table (should be 2-4)
  2. Confirm the 4 services installed successfully.
  3. Bring up the Windows Services, and update the ‘Log on As’ value for each of these services to the ‘Service NT Account’.

## Transaction Service

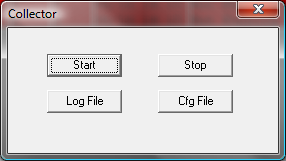
This service is used for electronic eligibility. If purchased, perform the following to install:

1. Open up a command prompt ‘as Administrator’
2. Navigate to the C:\Program Files (x86)\Insight\BIN\ folder
3. Run GenericService.exe
4. Install the Transaction Service. To stay consistent with naming conventions, name the service IcsTransService\_xxxx, where xxxx is the service suffix previously used)
5. Once complete, update the Service properties, and REGEDIT properties, similar to what was done previously for the other services.

## Ipswitch software

While this may change at chcce point in the future, Ipswitch FTP installation will be handled by Implementations.

# Monitor Application

1. Create a shortcut to the Monitor App on the desktop
2. Start up the Monitor App and log in as a valid SQL user
3. Start up the Collector, and make sure all the services are running
   1. Click **Collector** in the upper left-hand corner of Monitor App
   2. You will see the following pop-up. Click **START**  
      
4. Verify that the Collector starts and continues to run
5. Next, each service listed in the list box can be started, one at a time, by highlighting the selected service and clicking on the Start button
6. The **Last Observed Date** column will not populate until the interface/process has been running for at least 1 minute
7. If the interfaces do not remain up and running, it will be necessary to contact Stockell to assist in troubleshooting
8. **NOTE – To have the ability to start/stop the interfaces, you must have admin rights on the server that the services are running from.**

# Create Script for when refreshing Test with a copy of Production

A script should be created that the client can run when refreshing the Test database with a backup of Production. This will re-point registry keys, report paths, etc… to point to test-specific settings. This script should be placed within the \_SCRIPTS directory.

\*\*\* This will be handled by Implementations\*\*\*



The “**Update paths – Test From Prod.sql**” script is a template script that can be used as a starting point. Modify as necessary

# Reports / BI Suite

SQL Replication should be installed at all clients. Instructions on how to install replication can be found here: <https://medsphere.visualstudio.com/RCM/_git/RCM17?path=%2Fdocs&version=GBmaster#path=%2Fdocs%2FRCM%20Cloud%20Replication%20Installation.docx&version=GBmaster>

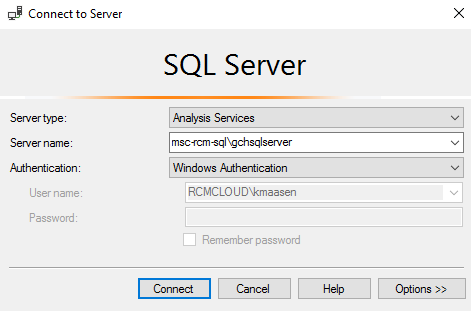
NOTE: We typically do this for the production environment only

|  |
| --- |
|  |

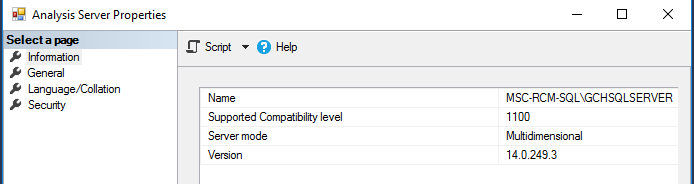
Once replication is installed and verified, the newly created warehouse database will need updated. The following sql scripts, which can be found on [\\stkl-fileserv\](file://stkl-fileserv/) should be run against the warehouse database:

1. Warehouse 2017.2.sql ([\\stkl-fileserv\InsightCSRelease\2017\2017.2\Warehouse\Setup](file://stkl-fileserv/InsightCSRelease/2017/2017.2/Warehouse/Setup))
2. Warehouse 2017.3.sql ([\\stkl-fileserv\InsightCSRelease \2017\2017.3\Scripts\](file://stkl-fileserv/InsightCSRelease%20/2017/2017.3/Scripts/) )
3. Warehouse 2017.4.sql ([\\stkl-fileserv\InsightCSRelease\2017\2017.4\Warehouse](file://stkl-fileserv/InsightCSRelease/2017/2017.4/Warehouse))
4. (Current version warehouse sql scripts)

The next step in setting up the BI suite is to create the Analytic Database. First log in to Analysis Services



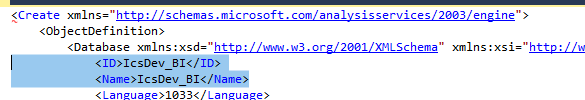
Once connected, ensure the Analysis Server is set to Multidimensional mode. To do this, simply right-click on the server name, and click Properties.



If the server mode is set to anything except Multidimensional, this will need to get updated. The following doc is a good reference on how to update this. (Note – this link actually describes how to change if FROM Multidimensional. Just make sure it gets changed TO Multidimensional):

<https://www.sqlservercentral.com/articles/how-to-change-an-analysis-services-instance-to-tabular-mode>

Once this gets changed, you are now ready to import the xmla file to create the Analytic database. Find the appropriate xmla file on the [\\stkl-fileserv\](file://stkl-fileserv/) and load it in SQL. Prior to running, you will need to change the ID and Name, as highlighted below. These values should be updated to the desired name of the BI database. A good standard is {prod\_rcm\_db\_name}-bi. For example (gch-rcm-bi)



Execute the script, and ensure it completes without error.

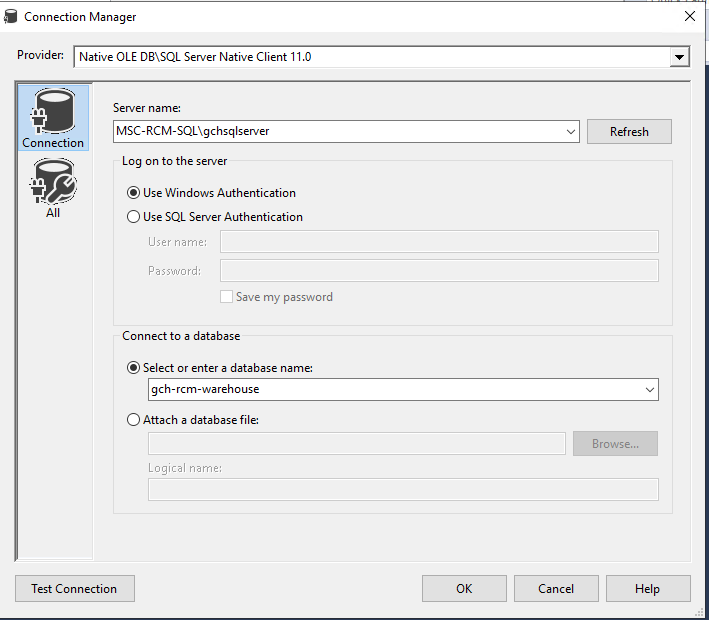
Now refresh the Analytic Databases and sure the new BI database was created.

Drill down into the database, and into Data Sources and double-click on Ics Warehouse.

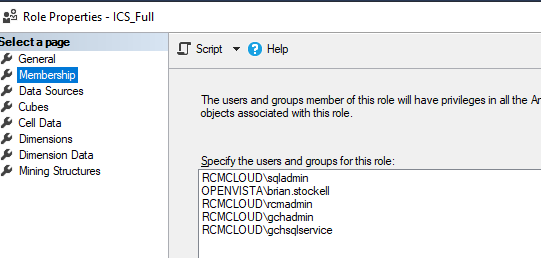
On the connection string line, click the ellipses.



Enter the server name of the warehouse database. By default, the ‘Use Windows Authentication’ will be selected, and should be used for a standard installation. Finally, select the warehouse database, and click Ok.



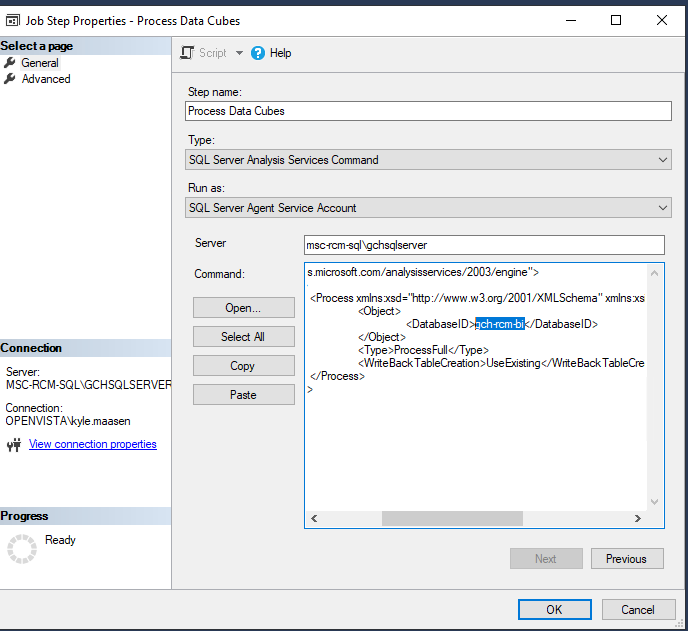
Analytic database roles need to be set up appropriately. To do this, under the Analytic database, drill down into Roles. You should see a ICS\_Full and a ICS\_Read role. Standard RCM users should be added to the ICS\_Read role, and Medsphere admin related staff should be added to the ICS\_Full role. To add users to a role, double-click on the role, and select the Membership tab. From there, you will be able to add users/groups to the appropriate roles.



Next, we need to make sure the Nightly Warehouse SQL Job is configured correctly, and runs successfully each night. After running the Warehouse scripts earlier, a nightly warehouse sql job should have been created. At the time of this writing, the current warehouse job is named: ‘Nightly Analytics Processing V2017\_Q3\_V2’



The only update to this job to get it to run successfully is to update the final step of the job, which is responsible for building the datacubes. To update this, double click on the job, and click on the Steps tab at the top left. Scroll down until you get to the final step – ‘Process Data Cubes’. From there, you should only have to make 2 updates – 1) Update the Server to the Analysis Server Name, and 2) in the Command Box, update the DatabaseID field to the newly created Analytic database. (see below for example) Once those updates are complete, click Ok, and Ok again to save. Then run the job and ensure it completes successfully.



# TROUBLESHOOTING & MISC NOTES

## ‘Converting’ SQL users to NT users for InsightCS

E-mail from John Useted on Friday 7/28/2006 🡪

I have worked out the steps for ‘converting’ InsightCS users from SQL auth to NT auth for 2007.1 on SQL-2005.

Note that the word ‘converting’ is used with chcce trepidation.

That is because at the SQL server level you are actually creating a new user, however at the InsightCS database USER\_MSTR level the username is not duplicated.

This is assuming that the original InsightCS username is the same as the Windows login name.

1. In SQL query analyzer, update the user\_mstr, setting the NT\_ACCOUNT field to a value of 1.
2. In SQL query analyzer, update the user\_mstr, setting the NT\_DOMAIN field to the appropriate domain name.
3. In SQL Server Management Studio / Security / Logins, add a new login. From the Login – New screen click on Search. Verify that the Location is set to the domain. Type in the username and click Check Names. The entire username should populate the field. Save the new user.
4. In SQL Server Management Studio / Security / Logins, right click on the new user and in properties map the user to the database as the SQL role.

I have found this process to be reliable.

## Error running Reports from the ICS Warehouse database

In .NET I could run the Reports that pulled information from the Chcc-rcm database but I got the following error when running a report pulling information from the ICS Warehouse server

Parameter validation failed. It is not possible to provide valid values for all parameters (rsParameterError)

OR

Reports having a drop down parameter called System did not contain values.

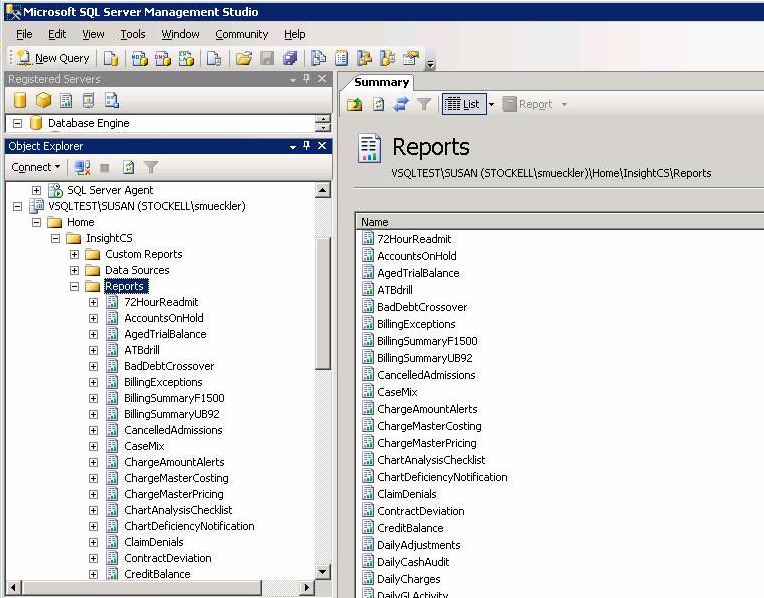
According to RickW, the ETL services will populate the user master table in the warehouse. However, the USER\_MSTR in my ICS Warehouse database was empty. Using Management Studio, my username was inserted into USER\_MSTR of the ICS Warehouse database. I also needed to verify that the value entered USER\_MSTR.LOCATION\_CD matched a valid entry in the USER\_LOCATION table

## Where are the report rdl's loaded on the server?

E-mail from Susan Mueckler on Monday 8/14/2006.

One way to edit the rdl’s that get placed on Report Manager is from within Management Studio.

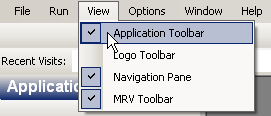
Open Reporting Services within the Object Explorer on the server where the reports get loaded during the installation. Then expand Home, InsightCS and Reports. From here you can right click on the report rdl you want to edit.  You will be asked to save it chccewhere. Once they are saved, they can be opened in Visual Studio. Add them by selecting Open Existing Item in the Solution folder, then edit, save, and replace the original file on the server when you are done.



Don’t forget…if Dan chooses to provide the rdl’s from the installshield, any time an rdl is re-released, your changed file will be overwritten.  If you are changing them for the site, they should be put in a custom location.

## ~~The user’s Current Location/Username/Database are not in the titlebar of InsightCS.NET~~

~~Verify that the Application toolbar is displayed. If it is not, select View 🡪 Application Toolbar~~

**~~~~**

~~Once the Application toolbar is displayed, re-select the Current Location.~~

~~~~

# ~~Appendix A – Install SQL server 2005 & related components~~

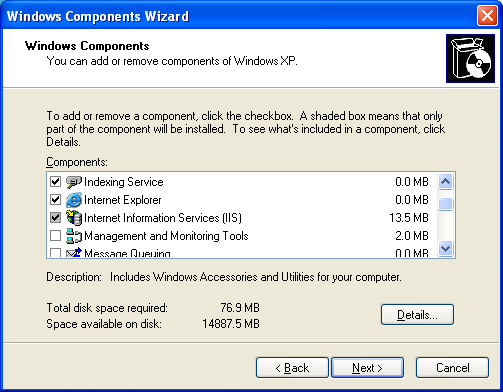
~~Microsoft SQL Server 2005 is required for InsightCS.NET to operate properly. SQL Server 2005 requires separate software loads for client and server installations.~~

**~~Client (.i.e. Desktops, Laptops, Thin clients) Pre-Requisites~~**

~~The following client applications will need to be installed for the InsightCS application to operate properly.~~

* ~~Microsoft Window’s Component “Internet Information Services” (IIS)~~
* ~~All Workstation Components included on the SQL Server 2005 diskette including :~~
  + ~~.NET 2.0 Framework~~
  + ~~Native Client~~

## ~~To load Internet Information Services~~

* ~~Go to~~ **~~Start🡪 Control Panel 🡪 Add/Remove Programs 🡪 Add/Remove Windows Components~~**~~,~~ 
  + - ~~If IIS checkbox is checked, then they are loaded~~
    - ~~If not, you need to load them, see instructions under IIS of this document~~

~~Loading IIS (Internet Information Services)~~

~~The easiest way to load IIS services is to take them from your Windows Operating System diskette. Once you have your diskette available…~~

* ~~Go to Start🡪 Control Panel🡪 Add/Remove Programs🡪 Add/Remove Windows Components, Click checkbox next to Internet Information Services, then click Next. The wizard should load the services.~~

~~Note: If you are loading the files onto a Windows XP machine, the diskette that Stockell uses does not point to the correct path. If you receive an error that says a file can not be found, reenter the path as:~~ [~~\\English\WinXP\_VLP\32bit\Pro\_with\_sp2\I386~~](file://English/WinXP_VLP/32bit/Pro_with_sp2/I386)~~. This should allow the load process to continue.~~

## ~~To load SQL Server Workstation Components~~

*~~(Before you start, be sure you have administrative rights to the desktop you are loading.)~~*

~~Client files can be loaded (for customers) from the SQL Server CDs or (for Stockell employees) from the shared directory:~~

~~K:\Microsoft\SQL Server~~

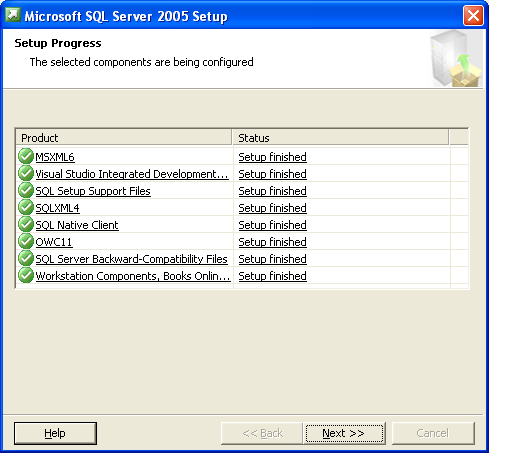
~~If you are loading from the CD’s, simply load the first CD into the DVD drive. The setup application should begin. Follow the installation instructions on the screen.~~

~~Open the Tools folder and click on the green Setup.exe icon. This will launch the setup wizard.~~

~~Follow the wizard, applying the application defaults.~~ *~~There are not any special setup requirements to support the InsightCS Reporting, Worklist, Analytics, or BI Performance Management Suite.~~*

~~You should load all of the client components. To do this, click on the red X next to client components. Choose “Entire feature will be installed on the local hard drive”.~~

~~Loading the documents and examples are optional, as is requesting confirmation of error reports~~

~~When the wizard completes the installation, these are the workstation components, books online, and development tools that will be loaded on the client tool:   
~~

~~NOTE: The .NET Framework is installed as part of one of these components. This component can also be accessed via:~~ [~~http://www.microsoft.com/downloads/details.aspx?FamilyId=0856EACB-4362-4B0D-8EDD-AAB15C5E04F5&displaylang=en~~](http://www.microsoft.com/downloads/details.aspx?FamilyId=0856EACB-4362-4B0D-8EDD-AAB15C5E04F5&displaylang=en)

## ~~To load Server components~~

*~~(Before you start, be sure you have administrative rights to the server you are loading.)~~*

* ~~Microsoft Window’s Component “Internet Information Services” (IIS)~~
* ~~All Server Components included on the SQL Server 2005 diskette including:~~
  + ~~.NET 2.0 Framework~~
  + ~~Native Client~~

~~To load Internet Information Services~~

~~Go to~~ **~~Start 🡪 Control Panel 🡪 Add/Remove Programs 🡪 Add/Remove Windows Components 🡪 Application Server~~**

~~On the Application Server dialog:~~

* + - ~~If Internet information Services checkbox is checked, then they are loaded~~
    - ~~If not, you need to load them (Follow same instructions as outlined under the “Loading client components” in this document)~~

**~~Stockell Systems~~** ~~recommends that the following options be selected when loading the Server components.~~

**~~Components to Install:~~**

* ~~SQL Server Database Services (.Net Only, ICS Reporting, and Bi Performance Mgt. Suite)~~
* ~~Analysis Services (BI Performance Mgt Suite)~~
* ~~Reporting Services ( ICS Reporting or BI Suite)~~
* ~~Notification Services - not required, but recommended~~
* ~~Integration Services (BI Performance Mgt. Suite)~~
* ~~Workstation Components – not required, but recommended~~

~~Report Server Installation~~ **~~Options~~**

~~Select the “Install the default configuration” option~~

**~~Authentication Mode~~**

~~Select “Mixed Mode” since chcce background InsightCS Services and Interfaces require SQL Authentication Mode. The Reporting and BI items need Windows Authentication.~~

**~~Collation Settings~~**

* ~~Skip Customize for each service account~~
* ~~Skip Collation Designator and sort order~~
* ~~Select SQL Collations: Dictionary order, case-insensitive, for use with 1252 Character set.~~

**~~Error and Usage Report Settings~~**

~~Skip both options unless you want to greatly annoy the client~~

**~~Service Account~~**

* ~~Skip Customize for each service account~~
* ~~Use a Domain User-account not the Built-in System account~~
* ~~Select SQL Server, SQL Server Agent, Analysis Services, Reporting Services, SQL Browser~~

~~Be sure to load any service packs for SQL Server 2005. Service packs can be downloaded from:~~[**~~http://www.microsoft.com/sql/downloads/default.mspx~~**](http://www.microsoft.com/sql/downloads/default.mspx)

# Appendix B – Chcc-rcm Preload list

NOTE: These items do not have to be loaded. The MODEL database should already have these pre-loaded.

| **Table Name** | **Notes / Insert Queries** |
| --- | --- |
| ACCIDENT\_TYPE\_MSTR | insert into accident\_type\_mstr values ('AE','ACC EMP REL','ACCIDENT EMPLOYMENT RELATED',0,1 ,NULL)  insert into accident\_type\_mstr values ('AH','ACC HOM INSU','ACCIDENT-HOMEOWNER INSURANCE',0,1 ,NULL)  insert into accident\_type\_mstr values ('AN','AUTO NO FAUL','AUTO ACCIDENT-NO FAULT INSURANCE',1,1 ,NULL)  insert into accident\_type\_mstr values ('AU','AUTO ACCID','AUTO ACCIDENT',1,1 ,NULL)  insert into accident\_type\_mstr values ('CR','CRIME VICTIM','CRIME VICTIM',0,1 ,NULL)  insert into accident\_type\_mstr values ('FL','ACC FRM FALL','ACCIDENT DUE TO FALL',0,1 ,NULL)  insert into accident\_type\_mstr values ('LI','LIABIL ACC','LIABILITY ACCIDENT',0,1 ,NULL)  insert into accident\_type\_mstr values ('NL','NON LIAB ACC','NON-LIABILITY ACCIDENT',0,1 ,NULL)  insert into accident\_type\_mstr values ('OT','OTHER ACCI','OTHER ACCIDENT',1,1 ,NULL) |
| ACTION\_MSTR | INSERT INTO ACTION\_MSTR VALUES ('R990','R','G',NULL,'Account is in default',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R991','R','I',NULL,'User elected not to change Payer on payment.',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R993','R','I',NULL,'Review Acct Payer Chg Verify',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R996','R','I',NULL,'Zero Insurance payment posted',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R997','R','I',NULL,'Pymt recd, next payer not found',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R998','R','I',NULL,'Zero Pmt Received from Ins',NULL,NULL,0,NULL,0,NULL)  INSERT INTO ACTION\_MSTR VALUES ('R999','R','I',NULL,'Pymt recd, next cycle not found',NULL,NULL,0,NULL,0,NULL) |
| ADMIT\_SOURCE\_MSTR | insert into admit\_source\_mstr values ('0','PSYCH/REHAB','FROM PSYCH/CD/REHAB HOSPITAL',0,0,'0')  insert into admit\_source\_mstr values ('1','PHYSICIAN','PHYSICIAN REFERRAL',0,0,'1')  insert into admit\_source\_mstr values ('10','CRIT ACCESS','FROM CRITICAL ACCESS HOSPITAL',0,0,'A')  insert into admit\_source\_mstr values ('11','NORMAL DLVRY','NORMAL DELIVERY',1,0,'1')  insert into admit\_source\_mstr values ('12','PREMATURE','PREMATURE DELIVERY',1,0,'2')  insert into admit\_source\_mstr values ('13','SICK BABY','SICK BABY',1,0,'3')  insert into admit\_source\_mstr values ('14','EXTRAM BRTH','EXTRAMURAL BIRTH',1,0,'4')  insert into admit\_source\_mstr values ('15','EMPLOYER','EMPLOYER',0,0,'9')  insert into admit\_source\_mstr values ('2','CLINIC REF','CLINIC REFERRAL',0,0,'2')  insert into admit\_source\_mstr values ('3','HMO REF','HMO REFERRAL',0,0,'3')  insert into admit\_source\_mstr values ('4','HOSP TRANSF','TRANSFER FROM A HOSPITAL',0,0,'4')  insert into admit\_source\_mstr values ('5','SNF TRANSF','TRANSFER FROM AN SNF',0,0,'5')  insert into admit\_source\_mstr values ('6','OTHER TRANSF','TRANS FRM ANOTHER HLTH CARE FAC',0,0,'6')  insert into admit\_source\_mstr values ('7','ER','EMERGENCY ROOM',0,0,'7')  insert into admit\_source\_mstr values ('8','LAW ENFORCE','COURT/LAW ENFORCEMENT',0,0,'8')  insert into admit\_source\_mstr values ('9','N/A','INFORMATION NOT AVAILABLE',0,0,'9') |
| ADMIT\_TYPE\_MSTR  ADMIT\_TYPE\_MSTR (continued) | insert into admit\_type\_mstr values ('1','ER OP','MEDICAL EMERGENCY OP',0,'1',0)  insert into admit\_type\_mstr values ('10','ER IP','MEDICAL EMERGENCY IP',0,'1',1)  insert into admit\_type\_mstr values ('11','URGENT IP','URGENT IP',0,'2',1)  insert into admit\_type\_mstr values ('12','ELECTIVE IP','ELECTIVE IP',0,'3',1)  insert into admit\_type\_mstr values ('13','INFO N/A IP','INFORMATION NOT AVAILABLE I/P',0,'9',1)  insert into admit\_type\_mstr values ('2','URGENT OP','URGENT OP',0,'2',0)  insert into admit\_type\_mstr values ('3','ELECTIVE OP','ELECTIVE OP',0,'3',0)  insert into admit\_type\_mstr values ('4','NEWBORN IP','NEWBORN IP',0,'4',1)  insert into admit\_type\_mstr values ('8','NEWBORN OP','NEWBORN OP',0,'4',0)  insert into admit\_type\_mstr values ('9','INFO N/A OP','INFORMATION NOT AVAILABLE O/P',0,'9',0) |
| AGE\_CATEGORY\_MSTR | INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('-1','-1','-1','NOT DISCHARGED')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('0','0','0','NOT BILLED')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('1','1','30','1-30 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('2','31','60','31-60 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('3','61','90','61-90 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('4','91','120','91-120 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('5','121','150','121-150 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('6','151','180','151-180 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('7','181','220','181-220 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('8','221','300','221-300 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('9','301','365','301-365 DAYS')  INSERT INTO AGE\_CATEGORY\_MSTR VALUES ('10','366','9999','366 AND OVER') |
| ALERT\_MSTR | For sites using Legal Status, this table needs to contain the following:  insert into alert\_mstr values ('2STRIKES','2 STRIKES','TWO STRIKES',1,0)  insert into alert\_mstr values ('980\_PET','980 PETITION','980 PETITION REQUIRED?',1,0)  insert into alert\_mstr values ('DETAINER','DETAINER','DETAINER',1,0)  insert into alert\_mstr values ('DNA\_TEST','DNA\_TEST','DNA Test',1,0)  insert into alert\_mstr values ('ORDTREAT','ORD\_TREAT','ORDER TO TREAT',1,0)  insert into alert\_mstr values ('SBN\_REQ','SBN\_REQ','SBN\_REQUIRED?',1,0)  insert into alert\_mstr values ('SOFT\_REQ','SEX OFFENDER','SEX OFFENDER REGISTRATION REQUIRED?',1,0) |
| APPLICATIONS | Remove Batch Payment Entry from this table. It is specific for one site only.  delete from applications where dll\_name = ‘BATCHPAYENTRY ‘ |
| BED\_STATUS\_MSTR | Need to have entries for at least “Ready”, “Unavailable” & “Occupied”. Client can set up any additional statuses.  insert into bed\_status\_mstr values ('OCC','OCCUPIED',2,1)  insert into bed\_status\_mstr values ('RDY','READY',0,1)  insert into bed\_status\_mstr values ('UNAV','UNAVAILABLE',1,1) |
| BILLING\_CODE\_MSTR | Please refer to PreLoadTablesBillCd.sql for a query to load the bill codes into this table. |
| BILL\_TYPE\_MSTR | insert into bill\_type\_mstr values ('1','UB92','UB92',1)  insert into bill\_type\_mstr values ('2','1500','1500',1) |
| CANCEL\_MSTR | insert into CANCEL\_MSTR values ('07','DISCHARGED','PATIENT DISCHARGED',1)  insert into CANCEL\_MSTR values ('INF','INTERFACE','CANCELED BY INTERFACE',1) |
| CLASSIFICATION\_MSTR | insert into CLASSIFICATION\_MSTR values ('E','EMERGENCY',0,0,0,0,0,0,0,0)  insert into CLASSIFICATION\_MSTR values ('G','GROUP',0,0,0,0,0,0,0,0)  insert into CLASSIFICATION\_MSTR values ('I','INPATIENT',1,0,0,0,0,0,0,1)  insert into CLASSIFICATION\_MSTR values ('O','OUTPATIENT',0,0,0,0,0,0,0,1)  insert into CLASSIFICATION\_MSTR values ('S','SERIES',0,0,0,0,0,0,0,0) |
| codes\_maint\_config | update codes\_maint\_config set enable\_flg = 1 |
| DISPOSITION\_MSTR | insert into disposition\_mstr values ('01','DISCH HOME','DISCHARGE TO HOME OR SELF CARE',0,'01',1)  insert into disposition\_mstr values ('02','DISCH HOSP','DISCHARGE TO ANOTHER HOSPITAL',0,'02',1)  insert into disposition\_mstr values ('03','DISCH SNF','DISCHARGE TO SNF',0,'03',1)  insert into disposition\_mstr values ('04','DISCH INT CA','DISCHARGE TO INTERMEDIATE CARE',0,'04',1)  insert into disposition\_mstr values ('05','SPEC HOSP','DISCHARGE TO SPECIALTY FACILITY',0,'05',1)  insert into disposition\_mstr values ('06','HOME HLTH','DISCHARGE TO HOME HEALTH SERVICE',0,'06',1)  insert into disposition\_mstr values ('07','LEFT AMA','LEFT AGAINST MEDICAL ADVICE',0,'07',1)  insert into disposition\_mstr values ('08','DSC HOME IV','DISCHARGE TO HOME IV PROVIDER',0,'08',1)  insert into disposition\_mstr values ('09','ADMIT PT','MEDICARE ONLY ADMIT TO THIS HOSP',0,'09',1)  insert into disposition\_mstr values ('20','EXPIRED','EXPIRED',1,'20',1)  insert into disposition\_mstr values ('30','STILL PT','STILL PATIENT',0,'30',1)  insert into disposition\_mstr values ('50','HOSPICE HOME','DISCHARGED TO A HOSPICE HOME',0,'50',1)  insert into disposition\_mstr values ('51','HOSPICE MED','DISCHARGED TO A HOSPICE MEDICAL',0,NULL,1) |
| DOC\_OBS\_MSTR | insert into DOC\_OBS\_MSTR values ('COMMENTS','7','Comments',1,'299','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('FIO2','5','FIO2%',1,'5','3','0.25','12','0')  insert into DOC\_OBS\_MSTR values ('INCSPRO','4','Incent. Spiro ml',1,'0','0','3','1000','0')  insert into DOC\_OBS\_MSTR values ('LABSND','6','Lt Ant Breath Snd',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('LPBSND','6','Lt Pos Breath Snd',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('MEDSGVN','0','Meds Given as Ordered',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('NOADVR','0','No Adverse Reaction Noted',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('NPCOUGH','0','Non-Prod. Cough',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('O2DELIV','6','O2 Delivery',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('O2FLOW','5','O2 Liter Flow',1,'4','2','0.25','100','0')  insert into DOC\_OBS\_MSTR values ('O2INUSE','0','O2 in Use',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('O2STNDBY','0','O2 Standby',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('PCOUGH','0','Prod. Cough',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('PKFLOW','4','Peak Flow',1,'0','0','1','999','0')  insert into DOC\_OBS\_MSTR values ('PLSEPRE','4','Pulse Pre',1,'0','0','10','300','0')  insert into DOC\_OBS\_MSTR values ('PLSEPST','4','Pulse Post',1,'0','0','1','299','0')  insert into DOC\_OBS\_MSTR values ('PTED','6','Patient Education',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('RABSND','6','Rt Ant Breath Snd',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('REACT','7','Adverse Reaction',1,'300','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('RPBSND','6','Rt Pos Breath Snd',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('RSPRTE','4','Resp. Rate',1,'0','0','0','140','0')  insert into DOC\_OBS\_MSTR values ('SPO2','5','SPO2%',1,'5','1','0.5','999','0')  insert into DOC\_OBS\_MSTR values ('SPUTAMT','6','Sputum Amount',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('SPUTCLR','6','Sputum Color',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('SUCRTE','6','Suction Route',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('SUCTION','0','Suctioned',1,'0','0','0','0','1')  insert into DOC\_OBS\_MSTR values ('TXDELIV','6','Tx. Delivery',1,'0','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('UNDTXT','7','Pt. Understanding',1,'300','0','0','0','0')  insert into DOC\_OBS\_MSTR values ('VRBUND','0','Verbal Und.',1,'0','0','0','0','0') |
| DOC\_TYPE\_MSTR | insert into DOC\_TYPE\_MSTR values ('O2ROUNDS','O2 Rounds','O2 Rounds',1)  insert into DOC\_TYPE\_MSTR values ('RESP','Resp. Tx.','Respiratory Therapy',1) |
| DRG\_ROOM\_TYPE\_MSTR | insert into drg\_room\_type\_mstr values ('N','NURSERY','NURSERY',1)  insert into drg\_room\_type\_mstr values ('R','REGULAR','REGULAR/ROUTINE CARE',1)  insert into drg\_room\_type\_mstr values ('S','SPECIAL CARE','SPECIAL CARE (ICU/CCU)',1) |
| DURATION\_UNIT\_MSTR | insert into duration\_unit\_mstr values (5,'Days')  insert into duration\_unit\_mstr values (10,'Occurrences')  insert into duration\_unit\_mstr values (15,'Until DC') |
| FORM\_TYPE\_MSTR | FORM\_TYPE\_CD 2 for UB92  FORM\_TYPE\_CD 3 for 1500  FORM\_TYPE\_CD 40 for UB04  FORM\_TYPE\_CD 50 for 1500 (08/05)  FORM\_TYPE\_CD 7 for Admit Form  FORM\_TYPE\_CD 8 for Detail Bill |
| GLOBAL\_REGISTRY | Installer will need to verify settings. Refer to Registry\_Notes.doc. |
| GLOBAL\_REGISTRY\_VALUES | Installer will need to verify settings. Refer to Registry\_Notes.doc. |
| HCPCS\_MSTR | Obtain this information from the client. |
| HCPCS\_MODIFIER\_MSTR | Obtain this information from the client. |
| INF\_CONFIG | This table only requires one row with the INF\_NAME = “INF” all the setting are 0 except the ones listed below will be set to 1:  ALLERGY\_FLG PATIENT\_FLG  DIAGNOSIS\_FLG PERM\_ADDR\_FLG  DIAGNOSIS\_FF\_FLG PHYSICIAN\_FLG  GROUP\_ADJUSTMENTS\_FLG RELATIVE\_FLG  GUARANTOR\_FLG ROOM\_MSTR\_FLG  GUARANTOR\_EMPLOYER\_FLG SUBSCRIBER\_FLG  HCPCS\_FLG SUBSCRIBER\_EMPLOYER\_FLG  INSURANCE\_FLG SURGEON\_FLG  INSURANCE\_BILLING\_CODE\_FLG VISIT\_FLG  INSURANCE\_COVERAGES\_FLG VISIT\_DETAIL\_FLG  INSURANCE\_DETAIL\_FLG VISIT\_EMPLOYER\_FLG  INSURANCE\_EXCLUSION\_FLG CHARGE\_MSTR\_FLG  LOCAL\_ADDR\_FLG DX\_FLG  ORDER\_ITEM\_FLG DX\_FF\_FLG  ORDERS\_FLG ALLERGY\_FF\_FLG |
| LABEL\_STYLE\_MSTR | insert into label\_style\_mstr values ('H','0','No Op','No Action','N/A')  insert into label\_style\_mstr values ('H','1','DBG','Send to File - Debug','N/A')  insert into label\_style\_mstr values ('H','2','DC','Device Context','N/A')  insert into label\_style\_mstr values ('H','3','Direct','Direct to Device','N/A') |
| LANGUAGE\_MSTR | Need to set up at least “English”. Client can set up any additional statuses.  insert into language\_mstr values ('BRAI','READ BRAILLE','READS BRAILLE',1)  insert into language\_mstr values ('CHIN','CHINESE','CHINESE',1)  insert into language\_mstr values ('ENGL','ENGLISH','ENGLISH',1)  insert into language\_mstr values ('FREN','FRENCH','FRENCH',1)  insert into language\_mstr values ('GERM','GERMAN','GERMAN',1)  insert into language\_mstr values ('ITAL','ITALIAN','ITALIAN',1)  insert into language\_mstr values ('JAPA','JAPANESE','JAPANESE',1)  insert into language\_mstr values ('LIP','LIP READS','LIP READS',1)  insert into language\_mstr values ('POLI','POLISH','POLISH',1)  insert into language\_mstr values ('RUSS','RUSSIAN','RUSSIAN',1)  insert into language\_mstr values ('SIGN','SIGN LANGUAG','COMMUNICATES WITH SIGN LANGUAGE',1)  insert into language\_mstr values ('SPAN','SPANISH','SPANISH',1) |
| LOCATION\_MSTR | Installer will work with Client to verify information. Refer to System/Facility Maintenance Guide. |
| LOCATION\_REGISTRY | Installer will need to verify settings. Refer to Registry\_Notes.doc. |
| MODE\_OF\_ARRIVAL­\_MSTR | insert into mode\_of\_arrival\_mstr values ('A','AMBULANCE','GROUND AMBULANCE',0)  insert into mode\_of\_arrival\_mstr values ('C','CAR','PRIVATE CAR',0)  insert into mode\_of\_arrival\_mstr values ('H','HELICOPTER','AIR AMBULANCE',0)  insert into mode\_of\_arrival\_mstr values ('O','OTHER','OTHER',0)  insert into mode\_of\_arrival\_mstr values ('Q','TAXI','TAXICAB',0)  insert into mode\_of\_arrival\_mstr values ('S','PUBLIC TRANS','PUBLIC TRANSPORTATION',0)  insert into mode\_of\_arrival\_mstr values ('X','WALK','WALK-IN',0) |
| NEXT\_1500\_ROW\_NO | insert into next\_1500\_row\_no values (1) |
| NEXT\_ADJUSTMENT\_WORK\_ROW\_NO | insert into next\_adjustment\_work\_row\_no values (1) |
| NEXT\_ADJUSTMENTS\_ROW\_NO | insert into next\_adjustments\_row\_no values (1) |
| NEXT\_APC\_ROW\_NO | insert into next\_apc\_row\_no values (1) |
| NEXT\_BATCH\_PAYMENT\_WORK\_ROW\_NO | insert into next\_batch\_payment\_work\_row\_no values (1) |
| NEXT\_CHARGES\_ROW\_NO | insert into next\_charges\_row\_no values (1) |
| NEXT\_GL\_DIRECT\_BATCH\_NO | insert into next\_gl\_direct\_batch\_no values (1) |
| NEXT\_GL\_DIRECT\_ROW\_NO | insert into next\_gl\_direct\_row\_no values (1) |
| NEXT\_GROUP\_ADJ\_WORK\_ROW\_NO | insert into next\_group\_adj\_work\_row\_no values (1) |
| NEXT\_GROUP\_ADJUSTMENTS\_ROW\_NO | insert into next\_group\_adjustments\_row\_no values (1) |
| NEXT\_GROUP\_NOTES\_FF\_ROW\_NO | insert into next\_group\_notes\_ff\_row\_no values (1) |
| NEXT\_GROUP\_NOTES\_ROW\_NO | insert into next\_group\_notes\_row\_no values (1) |
| NEXT\_GROUP\_PAYMENTS\_ROW\_NO | insert into next\_group\_payments\_row\_no values (1) |
| NEXT\_GRP\_PMT\_BATCH\_WORK\_ROW\_NO | insert into next\_grp\_pmt\_batch\_work\_row\_no values (1) |
| NEXT\_INF\_IB\_ERR\_ID | insert into next\_inf\_ib\_err\_id values (1) |
| NEXT\_INF\_IHS\_TRANS\_ID | insert into next\_inf\_ihs\_trans\_id values (1) |
| NEXT\_INF\_TRANS\_ID | insert into next\_inf\_trans\_id values (1) |
| NEXT\_MEDREC\_NO | This table will only be used if Medical Record Numbers are to be system assigned. If that is the case this will need to be set to the starting number for each Location.  insert into next\_medrec\_no values (‘*location\_cd*’,’*medrec\_no*’) |
| NEXT\_NOTES\_FF\_ROW\_NO | insert into next\_notes\_ff\_row\_no values (1) |
| NEXT\_NOTES\_ROW\_NO | insert into next\_notes\_row\_no values (1) |
| NEXT\_ORDER\_NO | Installer will need to verify the setting.  Insert into next\_order\_no values (1) |
| NEXT\_ORDER\_SESSION\_NO | insert into next\_order\_session\_no values (1) |
| NEXT\_PAT\_IMAGE | insert into next\_pat\_image values (1) |
| NEXT\_PAYMENT\_BATCH\_WORK\_ROW\_NO | insert into next\_payment\_batch\_work\_row\_no values (1) |
| NEXT\_PAYMENTS\_ROW\_NO | insert into next\_payments\_row\_no values (1) |
| NEXT\_RECEIPT\_NO | Installer will need to verify the setting.  Insert into next\_receipt\_no values (1) |
| NEXT\_REMIT\_ADV\_WORK\_ROW\_NO | insert into next\_remit\_adv\_work\_row\_no values (1) |
| NEXT\_REPORT\_ID | insert into next\_report\_id values (1) |
| NEXT\_RESULT\_NO | insert into next\_result\_no values (1) |
| NEXT\_SCHEDULE\_NO | Installer will need to verify the setting.  Insert into next\_schedule\_no values (1) |
| NEXT\_URN | Installer will need to verify the setting.  Insert into next\_urn values (*Range\_No,URN*) |
| NEXT\_VISIT\_NO | Installer will need to verify the setting.  Insert into next\_visit\_no values (*Range\_No,Visit\_No*) |
| NOTE\_MSTR | Client can set up any additional coded notes.  insert into note\_mstr values ('AbStatChg','Abstract status changed from <OLD\_ABSTRACT\_MVF/> to <NEW\_ABSTRACT\_MVF/> on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('ADD','Patient has just added a new Primary carrier.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('ADMIT','Admitted to Room/Bed: %s-%s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('AdmitChg','Admit time changed from <OLD\_ADMIT\_DATE/> to <NEW\_ADMIT\_DATE/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('ARNOPAYER','New payer code could not be found to change over.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('ARPMTARV','Payment Arrival','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('ARPMTINS','Payment not from current insurance.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('BILL ANNUL','Bill has been annulled.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('CHNGPAYR','Insurance Payment has changed Payer.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('DISCH','Discharged from Room/Bed: %s-%s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('DischChg','Discharge time changed from <OLD\_DISCH\_DATE/> to <NEW\_DISCH\_DATE/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('EpisodeChg','Billing Event <EPISODE\_NO/>, payer code <PAYER\_CD/>, step has changed from <OLD\_EPISODE\_STEP/> to <NEW\_EPISODE\_STEP/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('FinalBill','Account has been final billed on <DATE\_TIME/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('GuaranChg','Guarantor address/phone changed from <OLD\_GUAR/> to <NEW\_GUAR/> on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('GuarNamChg','Guarantor name changed from <OLD\_GUAR\_NAME/> to <NEW\_GUAR\_NAME/> on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('HOLD\_REMOVED','AR Hold removed for billing event <PERIOD\_BEGIN\_DATE/> – <PERIOD\_END\_DATE/>','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('HspServChg','Hospital service changed from <OLD\_ABBR\_TXT/> to <NEW\_ABBR\_TXT/> on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('InsRankChg','Insurance Id/Plan <NEW\_INS/> changed from rank <OLD\_RANK/> to <NEW\_RANK/> on <DATE\_TIME/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('InsuranAdd','Insurance Id/Plan <NEW\_INS/> added on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('InsuranChg','Insurance Id/Plan changed from <OLD\_INS/> to <NEW\_INS/> on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('InsuranDel','Insurance Id/Plan <OLD\_INS/> deleted on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('IntermBill','Account has been interim billed from <FROM\_DATE/> to <TO\_DATE/> on <DATE\_TIME/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('MEDMERGE','Visit Merged - Old Location: %s, Old Mrn: %s to New Location: %s, New Mrn: %s at %s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('NewVisit','Visit created on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PAYER\_CHANGE','Changed Payer Code %s to %s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PhysAdd','Physician (<PHYS\_ID/>) <PHYS\_NAME/> (<PHYS\_TYPE\_DESC/>) added on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PhysDel','Physician (<PHYS\_ID/>) <PHYS\_NAME/> (<PHYS\_TYPE\_DESC/>) deleted on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PriDxAdd','Admitting Dx (<DX\_ID/>) added by <USER/>.',' YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PriDxChg','Admitting Dx changed from (<OLD\_DX\_ID/>) to (<NEW\_DX\_ID/>) on <DATE\_TIME/> by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('PriDxDel','Admitting Dx (<DX\_ID/>) deleted by <USER/>.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('REBILL','Rebill','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('TRANSFER','Transferred to Room/Bed: %s-%s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('VFC\_CHANGE','Changed Visit Financial Code %s to %s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('VPAYR\_CHANGE','Changed Visit Payer Code %s to %s','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('VSMerge','Visit merge from Old URN: %d to New URN: %d at %s.','YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1)  insert into note\_mstr values ('XDISCH','DISCH. CANCELED INTO ROOM/BED: %s-%s',' YYYY-MM-DD HH:MM:SS',NULL,'YYYY-MM-DD HH:MM:SS','sa',1,NULL,1) |
| PROFILE | Installer will work with Client to verify information. Refer to System/Facility Maintenance Guide. |
| PHYS\_EXTERNAL\_TYPE\_MSTR | insert into phys\_external\_type\_mstr values ('BL','BLUE CROSS','BLUE CROSS PROVIDER NUMBER',0)  insert into phys\_external\_type\_mstr values ('DE','DEA','DEA NUMBER',0)  insert into phys\_external\_type\_mstr values ('LC','STATE LIC','STATE LICENSE NUMBER',0)  insert into phys\_external\_type\_mstr values ('MD','MEDICAID','MEDICAID PROVIDER NUMBER',0)  insert into phys\_external\_type\_mstr values ('MR','MCARE CPIN','MEDICARE CPIN NUMBER',0)  insert into phys\_external\_type\_mstr values ('OL','OTHER LICENS','OTHER LICENSE NUMBER',0)  insert into phys\_external\_type\_mstr values ('OP','OTHER PR NUM','OTHER PROVIDER NUMBER',0)  insert into phys\_external\_type\_mstr values ('RR','RAILROAD #','RAILROAD MEDICARE NUMBER',0)  insert into phys\_external\_type\_mstr values ('UP','UPIN','UPIN',0) |
| PHYS\_PRIVILEGE\_MSTR | insert into phys\_privilege\_mstr values ('A','ACTIVE','ACTIVE',0,1)  insert into phys\_privilege\_mstr values ('B','CONSULTING','CONSULTING',1,1)  insert into phys\_privilege\_mstr values ('C','COURTESY','COURTESY',0,1)  insert into phys\_privilege\_mstr values ('H','ALLIED HLTH','ALLIED HEALTH',0,1)  insert into phys\_privilege\_mstr values ('N','NON ADM REF','NON ADMITTING/REFERRALS',1,1)  insert into phys\_privilege\_mstr values ('P','PROVISIONAL','PROVISIONAL',0,1)  insert into phys\_privilege\_mstr values ('R','RESIDENT','RESIDENT',0,1) |
| PHYSICIAN\_TYPE\_MSTR | insert into physician\_type\_mstr values ('0','ADMIT','ADMITTING',1,'1')  insert into physician\_type\_mstr values ('1','CONSULT','CONSULTING',1,'2')  insert into physician\_type\_mstr values ('2','ATTEND','ATTENDING',1,'3')  insert into physician\_type\_mstr values ('3','REFER','REFERRING', 1,'4') |
| RACE\_MSTR | insert into race\_mstr values ('A','ASIAN','ASIAN',1)  insert into race\_mstr values ('C','CAUCASIAN','CAUCASIAN',1)  insert into race\_mstr values ('H','HISPANIC','HISPANIC',1)  insert into race\_mstr values ('I','AMER INDIAN','AMERICAN INDIAN',1)  insert into race\_mstr values ('O','OTHER','OTHER',1)  insert into race\_mstr values ('U','UNKNOWN','UNKNOWN',1) |
| RELATIONSHIP\_MSTR | insert into relationship\_mstr values ('01','PATIENT','PATIENT','P','01',0)  insert into relationship\_mstr values ('02','SPOUSE','SPOUSE','S','02',0)  insert into relationship\_mstr values ('03','CHILD/RESP','CHILD/ FINANCIALLY RESPONSIBLE','O','03',0)  insert into relationship\_mstr values ('04','CHILD/NOT RP','CHILD/NOT FINANCIALLY RESPONSBLE','O','04',0)  insert into relationship\_mstr values ('05','STEP CHILD','STEP CHILD','O','05',0)  insert into relationship\_mstr values ('06','FOSTER CHILD','FOSTER CHILD','O','06',0)  insert into relationship\_mstr values ('07','WARD/COURT','WARD OF THE COURT','O','07',0)  insert into relationship\_mstr values ('08','EMPLOYEE','EMPLOYEE','O','08',0)  insert into relationship\_mstr values ('09','UNKOWN','UNKNOWN','O','09',0)  insert into relationship\_mstr values ('10','HANDICAP DEP','HANDICAPPED DEPENDENT','O','10',0)  insert into relationship\_mstr values ('11','ORGAN DONOR','ORGAN DONOR','O','11',0)  insert into relationship\_mstr values ('12','CADAVER DONR','CADAVER DONOR','O','12',0)  insert into relationship\_mstr values ('13','GRANDCHILD','GRANDCHILD','O','13',0)  insert into relationship\_mstr values ('14','NIECE/NEPHEW','NIECE/NEPHEW','O','14',0)  insert into relationship\_mstr values ('15','INJURED PLAI','INJURED PLAINTIFF','O','15',0)  insert into relationship\_mstr values ('16','SPONSORD DEP','SPONSORED DEPENDENT','O','16',0)  insert into relationship\_mstr values ('17','MINOR DEP','MINOR DEPENDENT OF A MINOR DEP','O','17',0)  insert into relationship\_mstr values ('18','PARENT','PARENT','O','18',0)  insert into relationship\_mstr values ('19','GRANDPARENT','GRANDPARENT','O','19',0)  insert into relationship\_mstr values ('22','FRIEND','FRIEND','O','00',0) |
| REPORT\_MSTR  The Priority field in the Report Master will designate to the system what Printer Service will be utilized for this report if more than one Print Service is installed. | Installer will need to verify the setting.  INSERT INTO REPORT\_MSTR VALUES ('ADMIT','ADMIT FORM','ANY TYPE',1,'AF','10',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('ADMITNOT','ADMISSION NOTICE','ANY TYPE',1,'AN','10',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('CARD','EMBOSSER CARD','CARD PRINTER',1,'CD','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('CHKLST','CHART ANALYSIS CHECKLIST','ANY TYPE',1,'CL','30',NULL,1,'/InsightCS/Medical Records/Chart Analysis Checklist','mhtml')  INSERT INTO REPORT\_MSTR VALUES ('CHTNOT','CHART DEFICIENCY NOTIFICATION','ANY TYPE',1,'CL','30',NULL,1,'/InsightCS/Medical Records/Chart Deficiency Notification','mhtml')  INSERT INTO REPORT\_MSTR VALUES ('COLWRK\_RPT','Collector WorkSchedule Print','ANY TYPE',1,'NULL','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('DELINQACCT','DELINQUENT ACCOUNTS','ANY TYPE',1,'CL','50',NULL,1,'/InsightCS/DelinquentAccounts','mhtml')  INSERT INTO REPORT\_MSTR VALUES ('DELINQXML','DELINQUENT ACCOUNTS XML','ANY TYPE',1,'CL','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('DISCHNOT','DISCHARGE NOTICE','ANY TYPE',1,'DN','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('DOCRPT','Document Report','ANY TYPE',1,'DR','90',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('DXCELNOT','DISCHARGE CANCEL NOTICE','ANY TYPE',1,'XN','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('LABELS','LABELS','LABEL PRINTER',1,'LB','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('MSP','MSP FORM','ANY TYPE',1,'MP','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECAN','ORDER CANCEL NOTICE','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECAN\_KG','ORDER CANCEL NOTICE','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANDBG','ORDER CANCEL NOT., DEBUG','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANGRM','ORDER CANCEL NOT - WT IN GRAM','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANKG','ORDER CANCEL NOT - WT IN KG','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANLP','ORDER CANCEL NOT., LINE PRINT','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANMN','ORDER CANCEL NOT - NO MED NEC','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OECANNPI','ORDER CANCEL NOT., NO PAT INFO','ANY TYPE',1,'OC','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OELBLDBG','ORDER LABEL, DEBUG','ANY TYPE',1,'OL','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOT','ORDER NOTIFICATION','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOT\_KG','ORDER NOTIFICATION','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTDBG','ORDER NOTIFICATION, DEBUG','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTGRM','ORDER NOT - WT IN GRAMS','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTIFT','ORDER NOT - FOOTER ISOLATION','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTINS','ORDER NOTIFICATION, INSURANCE','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTKG','ORDER NOT - WT IN KG','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTLP','ORDER NOTIFICATION, LINE PRINT','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTMN','ORDER NOT - NO MED NEC','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OENOTNPI','ORDER NOT., NO PAT INFO','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRP','ORDER PREPARATION','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRP\_KG','ORDER PREPARATION','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRPDBG','ORDER PREPARATION, DEBUG','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRPGRM','ORDER PREP - WT IN GRAM','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRPKG','ORDER PREP - WT IN KG','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRPLP','ORDER PREPARATION, LINE PRINT','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEPRPNPI','ORDER PREP., NO PAT INFO','ANY TYPE',1,'OP','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREM','ORDER REMINDER','ANY TYPE',1,'OR','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREMDBG','ORDER REMINDER, DEBUG','ANY TYPE',1,'OR','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREMLP','ORDER REMINDER, LINE PRINT','ANY TYPE',1,'OR','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREMNPI','ORDER REMINDER, NO PAT INFO','ANY TYPE',1,'OR','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQ','ORDER REQUISITION','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQ\_KG','ORDER REQ\_KG','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQDBG','ORDER REQUISITION, DEBUG','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQGRM','ORDER REQ - WT IN GRAM','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQIFT','ORDER REQ - FOOTER ISOLATION','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQINS','ORDER REQUISITION, INSURANCE','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQKG','ORDER REQ - WT IN KG','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQLP','ORDER REQUISITION, LINE PRINT','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQMN','ORDER REQ - NO MED NEC','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQNPI','ORDER REQ, NO PAT INFO','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEREQTEXT','ORDER REQ - TEXT FILE','ANY TYPE',1,'RQ','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OERES','ORDER RESULT','ANY TYPE',1,'RS','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OERESDBG','ORDER RESULT, DEBUG','ANY TYPE',1,'RS','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OERESLP','ORDER RESULT, LINE PRINT','ANY TYPE',1,'RS','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OESES','ORDER SESSION','ANY TYPE',1,'OS','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OESESMN','ORDER SESSION - NO MED NEC','ANY TYPE',1,'OS','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVER','ORDER VERIFICATION','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVER\_KG','ORDER VERIFICATION','ANY TYPE',1,'ON','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERDBG','ORDER VERIFICATION, DEBUG','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERGRM','ORDER VER - WT IN GRAM','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERIFT','ORDER VER - FOOTER ISOLATION','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERINS','ORDER VER., INSURANCE','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERKG','ORDER VER - WT IN KG','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERLP','ORDER VERIFICATION, LINE PRINT','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERMN','ORDER VER - NO MED NEC','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('OEVERNPI','ORDER VER., NO PAT INFO','ANY TYPE',1,'OV','30',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('REFJRNL','Refund Journal','ANY TYPE',1,'CL','30',NULL,1,'/Accounts Receivable/RefundJournal','mhtml')  INSERT INTO REPORT\_MSTR VALUES ('SUSPPHYS','SUSPENDED PHYSICIAN NOTICE','ANY TYPE',1,'NULL','90',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('VISITDUMP','Visit Data Dump','ANY TYPE',1,'TN','50',NULL,1,'/InsightCS/Patient Accounting/Visit Data Dump/Visit Data Dump','mhtml')  INSERT INTO REPORT\_MSTR VALUES ('XCELNOT','ADMISSION CANCEL NOTICE','ANY TYPE',1,'CN','50',NULL,0,NULL,NULL)  INSERT INTO REPORT\_MSTR VALUES ('XFERNOT','TRANSFER NOTICE','ANY TYPE',1,'TN','10',NULL,0,NULL,NULL) |
| RESULT\_ACTION\_MSTR | insert into result\_action\_mstr values ('I', 'interpreter', 'Principal Result Interpreter')  insert into result\_action\_mstr values ('P', 'tech', 'Technician')  insert into result\_action\_mstr values ('T', 'trans', 'Transcriptionist') |
| RESULT\_STATUS\_MSTR | insert into result\_status\_mstr values ('C',3,'CORRECTED','Corrected Result')  insert into result\_status\_mstr values ('F',2,'FINAL','Final Result')  insert into result\_status\_mstr values ('I',0,'INVALIDATED','Invalid Final Result')  insert into result\_status\_mstr values ('P',1,'PRELIMINARY','Preliminary Result') |
| RESULT\_STYLE\_MSTR  (obsolete table?) | insert into result\_style\_mstr values  ('*Location\_Cd*','1','Standard','Standard Result',NULL,'d\_result’) |
| RESULT\_TYPE\_MSTR | insert into result\_type\_mstr values ('C','Coded','Coded Values')  insert into result\_type\_mstr values ('R','Real','Real Values')  insert into result\_type\_mstr values ('S','String','String Values (255 characters')  insert into result\_type\_mstr values ('T','Text','Text Values (>2 characters)') |
| REV\_MSTR | Please refer to PreLoadTablesRev.sql for a query to load the codes into this table. |
| SEC\_RIGHT\_MSTR | Remove security for Batch Payment Entry from this table. It is specific for one site only.  **(7/2006: Not sure if this is still true.)**  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_ADD’  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_DEL’  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_JNL’  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_MOD’  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_REL’  delete from sec\_right\_mstr where sec\_right\_id = ‘BTCHPE\_UPD’ |
| SEC\_USER\_RIGHT | Installer will need to verify that the Stockell users have the correct security. Client will need to set up their users.  SA only needs rights below: **(Pre Loaded)**  insert into sec\_user\_right values ('SA','SEC\_DEL')  insert into sec\_user\_right values ('SA','SEC\_INQ')  insert into sec\_user\_right values ('SA','SEC\_MOD')  insert into sec\_user\_right values ('SA','USR\_DEL')  insert into sec\_user\_right values ('SA','USR\_INQ')  insert into sec\_user\_right values ('SA','USR\_MOD')  Support will need to have ALL rights turned on. **(Installer will need to load this user preferably through Security Maintenance.)** |
| SEX\_MSTR | insert into SEX\_MSTR values ('F','FEMALE','FEMALE','3',1)  insert into SEX\_MSTR values ('M','MALE','MALE','3',1)  insert into SEX\_MSTR values ('U','UNKNOWN','UNKNOWN','3',1) |
| SPECIALTY\_MSTR | Please refer to PreLoadTablesSpecCd.sql for a query to load the codes into this table. |
| STATE\_MSTR |  |
| SYSTEM\_MSTR | Installer will work with Client to verify information. Refer to System/Facility Maintenance Guide. |
| SYSTEM\_REGISTRY | Installer will need to verify settings. Refer to Registry\_Notes.doc. |
| USER\_APPLICATIONS | SA only needs applications below: **(Pre Loaded)**  insert into user\_applications values ('SA','SECMAINT',1)  insert into user\_applications values ('SA','USRMAINT',1)  Support will need to have all applications. **(Installer will need to load this user preferably through the application.)** |
| USER\_LOCATION | SA will need to have access to ALL locations: **(Pre Loaded)**  insert into user\_location values ('sa','*Location\_Cd*')  ARNightly, ControlWKS, Insight & Support will need to have access to ALL locations. This should be loaded through User Maintenance. |
| USER\_MSTR | SA will be **Pre Loaded.**  insert into user\_mstr values  ('sa','Insight',NULL,'Administrator',NULL,NULL,NULL,'H',NULL,'sa',1)  Additional Users that will need to be loaded by the Installer are:  Support / Stockell  ARNightly / No Password  ControlWKS / No Password  PayProc / No Password  Insight / System  These should be loaded through User Maintenance. |
| ZIP\_MSTR |  |