Centricity® Services

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How to Use This User Guide:

This User Guide is provided as an instructional guide to assist users in the installation and management of a Demo Environment. Additionally, during your CPS Implementation or Upgrade, you will have GE Healthcare professionals available to assist you as designed by your purchase.

The User Guide is designed to provide instruction on maintaining the standard CPS Demo database that is installed at the time of product installation. Please consult with your Administrator or local IT support for more information on how to access the CPS Demo database.

The User Guide is designed for System Administrators or other IT professionals to maintain a demo environment for use in providing a training environment. After training sessions, it is helpful to restore the CPS Demo database to its original format and settings. This makes it available to repeat the exercises as needed with various staff.
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About the Demo (evaluation) Database

You can install the Demonstration version of the Centricity Practice Solution server with a demonstration database and Web site to evaluate or learn about and practice using Centricity Practice Solution features.

The Demo Database includes practice patients, users, security groups, and charts. Centricity Practice Solution is web-enabled, so users can access the application and Demo Database from a workstation via the Internet or your Intranet.

The Centricity Practice Solution application and Demo Database and Web site can be installed on a Windows Server.

You can log into the Demo Database as a training user in a variety of job roles. For example, users’ hwinston and kstarr have a default password of asdf. These demo users are set up as system managers. Additionally, you can log into the Demo Database using the superuser account (with the default password of superuser for the initial log in) to perform administrative functions such as setting security or creating users.

The application includes an option to manage Demo Database user logins using Application authentication. This option uses the training user information noted above for user authentication. Using this option helps you avoid mixing training user identities with real users in Active Directory.

Install a Demo Database and Website

Insert the Centricity Practice Solution installation disc in the drive. If the Welcome window does not appear, double-click launch.exe on the disc.

1. On the Welcome window, click Copy CD to hard drive.
2. Accept the default location or enter a preferred location (default is C:\CPS_xx_staging) and then click Next. The installation files are copied to the server hard drive. When copy is complete, a Welcome window appears with new options.
3. To confirm installation of all required software, click Install Server Prerequisites to check your system.
4. Select Install single-user evaluation version. The installer checks requirements for you. Follow on-screen instructions to update your server or workstation with required software.
5. Click Back to return to the Welcome window, then click Install / update server.
6. Click ServerSetup.
7. On the ServerSetup window, select Demo, then Next.
8. Confirm that both **Install Demo Database** and **Install Demo Website** are checked and then click **Next**.

ServerSetup checks the Web server for minimum hardware and software requirements for a combined database/Web server. Checks that failed or installations required are displayed on the screen. Click **Report** for details.

If you are missing any software prerequisites for the Web server, exit the Server setup application and install items noted on the screen.

On the Setup Directory Path and Log File Path window, do the following:

- Confirm that **Setup Directory Path** points to **Demo.inf** or click to navigate to its location on the hard drive. Default is C:\CPS_xx_staging\SS\Demo.inf.
- Confirm the location of the server setup log file for this installation. Click **Next**.

9. On the Server Logon window, do the following:

- Select or enter the name of the SQL Server where you want to install the database.
- Enter your SQL user name and password, and click **Next**.

10. On the Application Logon and Password window enter a logon name and password for the Centricity Practice Solution application to use to access the database. Confirm the password and then click **Next**.

11. On the Database Name and Storage Devices window do the following:

- For **Database Name**, accept the default database name, or enter a different name. By default, the database name you enter becomes the root name for the Data, Log, and Backup file names.
- For **Data (Path/Size)**, confirm the default path for the data file. For example D:\Program Files (x86)\Microsoft SQL Server\MSSQL0.MSSQLSERVER\data\demo.mdf. Do not change the default size of the data file.
- For **Log (Path/Size)**, confirm the default path for the error log file. For example D:\Program Files (x86)\Microsoft SQL Server\MSSQL0.MSSQLSERVER\data\demo.ldf. Do not change the default size of the data file.

12. Click **Next**.

13. On the License Agreement window, Select **I accept the end user license agreement and have authority to do so**, and click Next.

14. On the License Code window, select **Training License** and click **Next**.

This installs a practice database you can use to evaluate the product or to practice using demo data. It prevents you from creating your own database.

15. On the Security Options window, click **Next**.

16. In the Web site Information window, do the following:

- For **Virtual Directory**, confirm the default or enter a different name. This name is used in the Centricity Practice Solution Web site's address.
• For **Install Location**, select or enter the file path where you want the program files to be installed. The default is: \Program Files (x86)\Centricity Practice Solution xx\demo

Click **Next**.

ServerSetup begins installing the server and Web site files. Installation is complete when you see the message **Database Installation Complete**.

17. Click **Exit** to complete the installation process, or **Return** to return to the ServerSetup window.

**Renaming the Demo installation**

It is useful to rename a Demo installation to easily differentiate it from a production installation if you are running both types at the same time. This is especially true if you are planning to install multiple instances of the Demo database.

This procedure modifies a file on your Application Server. The modification of this file should only involve a change to the row noted with no additional spaces or carriage returns added.

This procedure can be performed with the assistance of GE personnel.

1. Browse to the JBoss website folder on your Application Server. The default path is: \Program Files (x86)\Centricity Practice Solution xx\JBoss Application Server\jboss\server\default\deploy\WebsiteName.war

2. Make a backup of the **config.xml** file.

3. Open **config.xml** with a text editor.

4. Locate the Caption row and add **TEST**:

   `<Caption>TEST</Caption>`

5. Save and exit. Make sure the file is saved with the **.XML** file extension.

6. Login to the application. Launch each component and note the blue title bar is prefaced with **TEST**. If this is not successful, delete the modified file and rename your backup file to be **config.xml** to restore the default.
Setting user permissions

In Windows XP, standard users have read and write permission on the C:\ drive. This is not the default on Windows 7, Windows Vista and Windows Server operating systems. To ensure standard users can run the evaluation version, set the user permissions on the Centricity installation directory.

If the permissions are not set, and fatal error is displayed during file read and write operations when launching the client.

1. Login as administrator.
2. Give users full permission to the folder where the Centricity client is installed. The default directory location is under C:\Program Files.

Using the Demo Database for training

The Demo Database can be used to enhance end-user training, including new implementations, upgrades, onboarding new staff members, and remedial training for lesser used functionality. Playbooks are available in the Centricity Customer Portal which allows users to practice concepts reviewed in the CBTs in a Demo environment. Please refer to the “Manuals” in the Centricity Customer Portal to access these Playbooks.

SQL Server Agent

SQL Server Agent should be running at all times. This agent controls a variety of database jobs, including scheduled database backups.
Expand SQL Server Agent to view scheduled jobs.

Double click on Job to view Steps, Schedule, Alerts, etc.

Right Click on Job to Start job manually or View History.
Restoring Demo Database for Training

The Demo Database can be restored from backups or simply deleted and re-installed to create a clean
database for training. You might consider creating a demo database use process in your organization
that either restores from a backup or creates a new demo installation at regularly scheduled intervals.
This will allow users the flexibility of using the Demo Environment for training and on-boarding
processes without the tedious process of removing any added data.

Depending on the use case for your Demo Environment, a process should be created to delete and re-
install or restore backup on a monthly basis. If your environment is not used regularly, this might be
done quarterly.

Delete Demo and Re-Install

1. Delete and re-install demo database
   a. From SQL Server
      Management Studio – right
         click on Demo database –
         select Delete.
   b. Select OK

2. Install new instance of Demo
database by following Install a demo
database and Web site

![SQL Server Management Studio screenshot demonstrating deletion of a database]

![SQL Server Management Studio screenshot demonstrating installation of a new database]

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1. **Restore backup**
   a. If you choose this method, you will need to have created a **master backup** of the Demo that has not been over-written with subsequent backups. **Create backup on New installation. Save as Master**
   b. From SQL Server Management Studio – right click on Demo database – select **Tasks/Restore/Database**
   c. Select **From device**
   d. Click on ellipse button and navigate to your Master backup

   e. Select OK