Iatric EasyConnect Jaguar

USER MANUAL

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1 Introduction

1.1 Overview

EasyConnect Jaguar is Iatric System's interface engine. The interface engine is middleware application that can transform, route, clone, and translate messages. It provides effortless links between multiple applications, such as Hospital Information Systems (HIS), physician offices, PACS systems, and many more.

As shown in the table below, a single interface engine can play multiple middleware roles, serving as a gateway, bridge, transformer bridge, or an intermediary.

Table 1-1: Interface Tasks and Roles

Interface Task	Middleware Role
Perform business rules and application level responsibilities.	Gateway.
Transform from one value to another.	Bridge/Transformer Bridge.
Transform from one protocol to another.	Intermediary.

With EasyConnect Jaguar, you can:

- Develop, test and deploy healthcare interfaces in just a couple of hours, not days or weeks.
- Create interfaces on your own or use Iatric Systems Interoperability/Integration experts to create and configure them for you.
- Share clinical data with regional Health Information Exchanges (HIEs) easily and cost-effectively.
- Strengthen relationships with physician offices and other hospital departments with fast and reliable data exchange.
- Proactively monitor interfaces with Iatric Systems i-alert function: You can detect and solve interface issues even before end users report them.
- Prevent downtime and data loss by monitoring via a centralized dashboard instead of individually monitoring point-to-point interfaces.
- Utilize iForum (an online community forum for connecting with other EasyConnect Jaguar users and Iatric Systems support team) to get answers to all of your questions quickly.

EasyConnect Jaguar also includes the following benefits:

- Registered with the FDA as an MDDS Class 1 device.
  (Class 1 device: A computer- or software-based system that stores, transfers, displays, or reformats patient medical data, but does not provide any diagnostic or clinical decision-making functions.)
- Ability to download and install client software.
- Centralized status board.
- Event and performance monitors.
- Scalable to meet IT growth.

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1.2 Tool Tips

To learn more about the purpose of an icon, menu item, or other element of EasyConnect Jaguar, place a mouse cursor above it. Tool tips will appear in a small pop-up window, as shown in Figure 1-1.

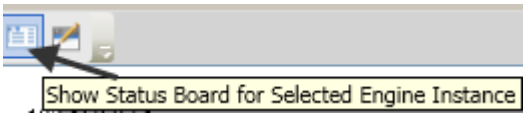

Figure 1-1: Sample Tool Tip

1.3 Help Menu

See Figure 1-2. From the Help tab, you can access information about the following topics:

Check for Updates: See if a new revision of the software is available.

User Manual: Access the most recent support documentation.

Add In Templates: **Q: tdb as of 10-19**.

About the Engine Client: Display information concerning the version number and date of the engine client.

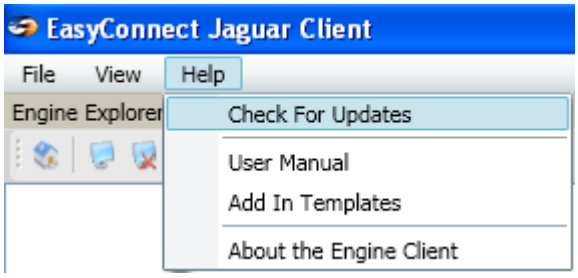

Figure 1-2: Help Menu

1.4 Engine Groups

The Engine Groups feature lets you assign and manage different engine instances. (Although this feature is not required for setup, Engine Groups helps organization when dealing with more than one engine instance.) See Figure 1-3, Figure 1-4, and Figure 1-5.

1. Select **File -> Preferences**

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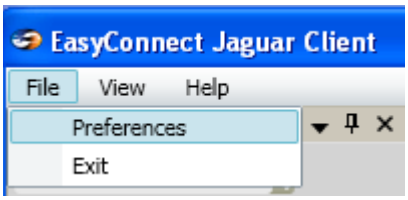

Figure 1-3: File -> Preferences

2. In the Preferences window, select the **Manage Engine Groups** tab.

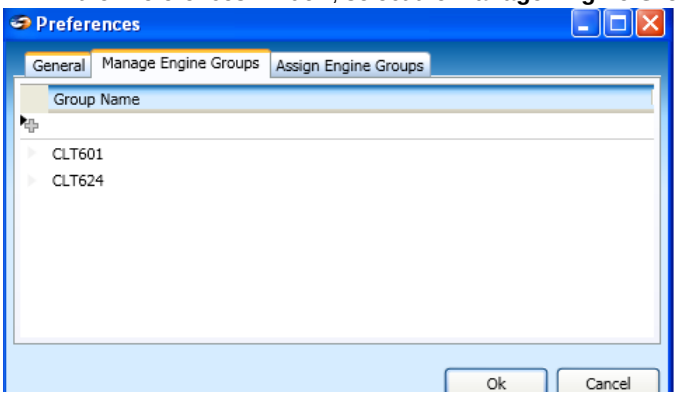

Figure 1-4: The Manage Groups Tab

3. Select the **Assign Engine Groups** tab,

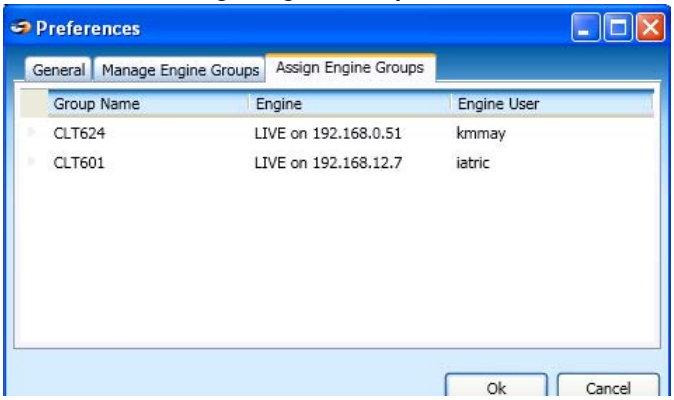

Figure 1-5: The Assign Engine Groups Tab

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2 Installing EasyConnect Jaguar Instance(s)

2.1 Installation

Four installation steps are used to install an EasyConnect Jaguar Client. (See Figure 2-1, Figure 2-2, Figure 2-3, and Figure 2-4.)

Figure 2-1: The Welcome Screen

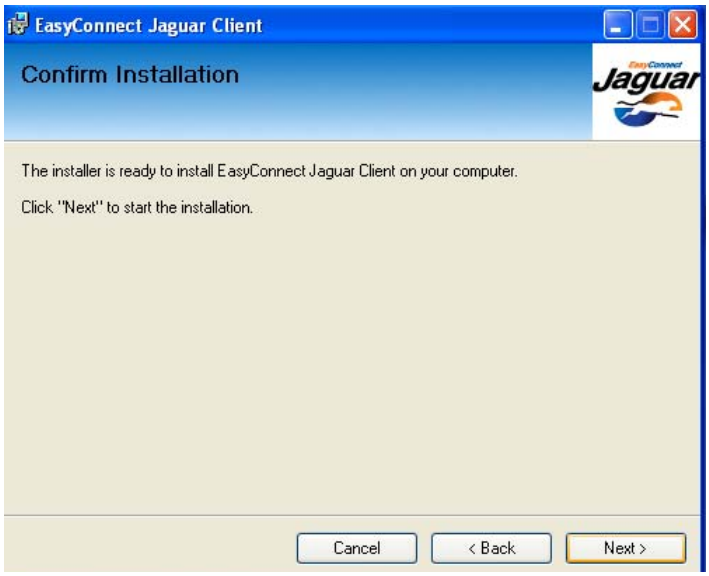

Figure 2-2: Confirm Installation

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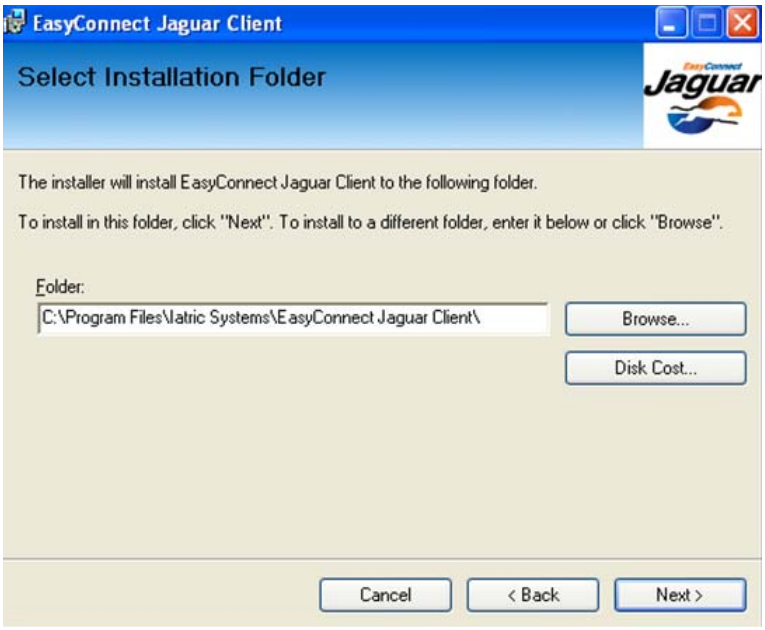

Figure 2-3: Select Installation Folder

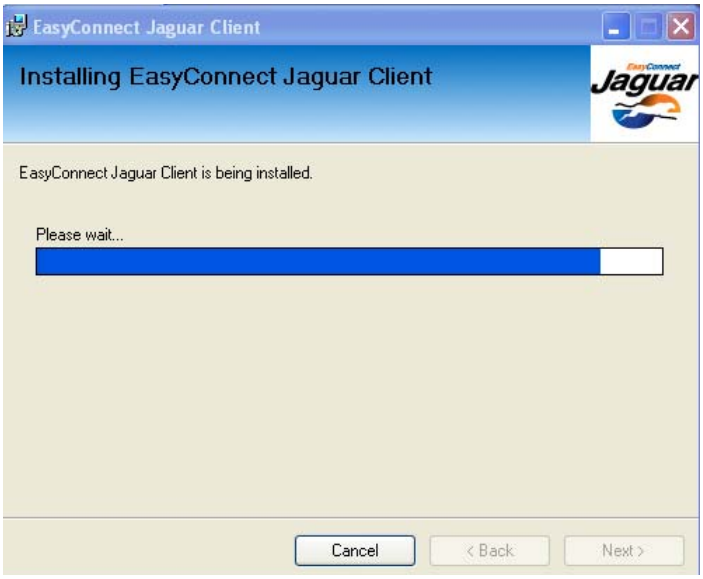

Figure 2-4: Installing the Client

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Following successful installation, the following shortcut icon will appear on your desktop. See Figure 2-5.

Figure 2-5: EasyConnect Jaguar Client Icon

2.2 Register Engine Instance(s)

You can register a client engine instance if it is TEST, LIVE, or both.

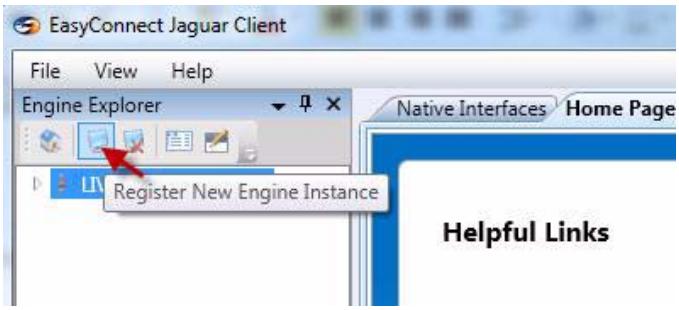

Figure 2-6: Register Engine Instance

Steps to register a new engine instance:

1. Install client.
2. Double-click on downloaded client after install to open EasyConnect Jaguar Client.
3. As shown in Figure 2-6, click the appropriate icon to register the Engine.

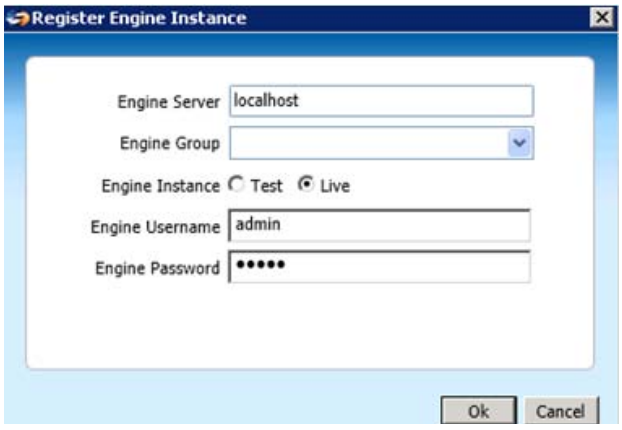

Figure 2-7: Register Engine Instance

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4. As shown in Figure 2-7, complete all fields on form:
   a. Engine Server: IP of local copy of the engine
   b. Engine Instance: Test or LIVE
   c. Engine Username
   d. Engine Password
5. Click **OK.**

2.3 Unregister Engine Instance(s)

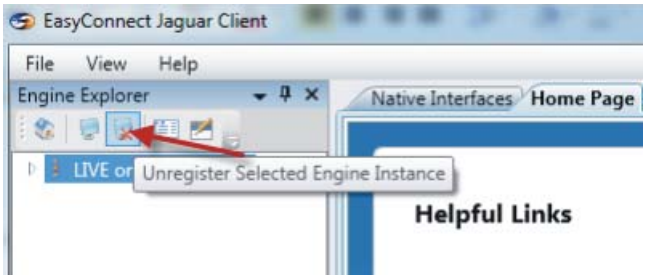

Figure 2-8: Unregister Selected Engine Interface

Steps to unregister an engine instance:

1. Open EasyConnect Jaguar Client.
2. As shown in Figure 2-8, click the appropriate icon to unregister the Engine.
3. At the prompt "Are you sure you want to remove this registered engine instance?" select **YES**.

2.4 Connect to Engine

Figure 2-9: Connect to Engine

Steps to connect to engine:

1. Right-click on registered engine in Engine Explorer.
2. Select **Connect**.
3. When prompted, enter your engine login credentials.

Note: If the engine instance has already been set up, you will see it in the list in the Engine Explorer. Right click on it and select **Connect**.

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3 Engine Settings

3.1 Engine License

To view engine license information:

1. In Engine Explorer, right-click on the registered engine, then select **Settings**. See Figure 3-1.

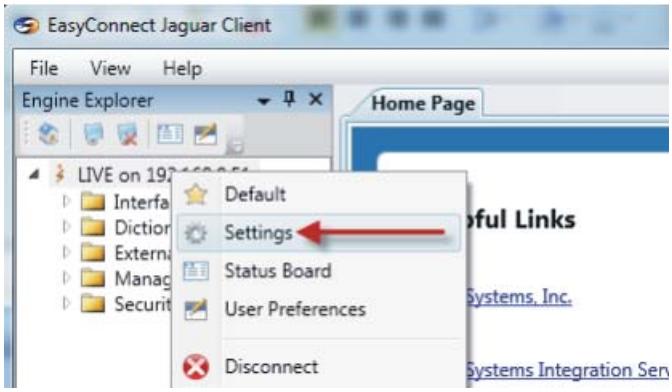

Figure 3-1: Selecting the Settings Tab

As shown in Figure 3-2, the License tab will appear.

Figure 3-2: The License Tab

Information under the License tab includes the name of the license holder, the license key, and a checkbox indicating that Iatric Systems supports the engine and interfaces.

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3.2 Systems Alerts

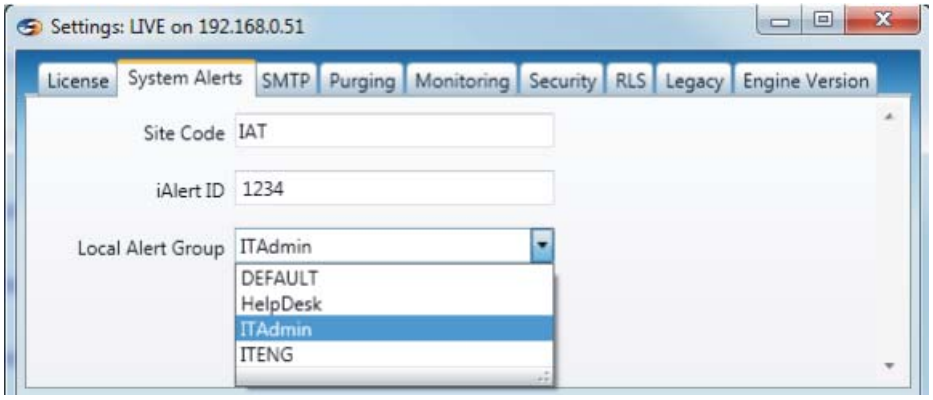

Figure 3-3: The Systems Alert Tab

Under the System Alerts tab, the Site Code is an ID provided by Iatric Systems. The iAlert ID is also provided by Iatric Systems for support purposes. The Local Alert Group specifies the local group to be used for system alerts.

3.3 SMTP

Figure 3-4: The SMTP Tab

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Information found under the SMTP tab is summarized in the following table.

Table 3-1: The SMTP Tab

Tab Entry	Significance
Server	Specifies the SMTP server used for local email notices and alerts.
Port	The port hosting SMTP service on the SMTP server.
Use SSL (checkbox)	When checked (enabled), this feature indicates that SMTP communications will be encrypted using SSL.
Username	The name assigned to a user by the system administrator.
Password	The password used to access SMTP service.
Email Address	In email notifications, the address used in the "From" field.

3.4 Purging

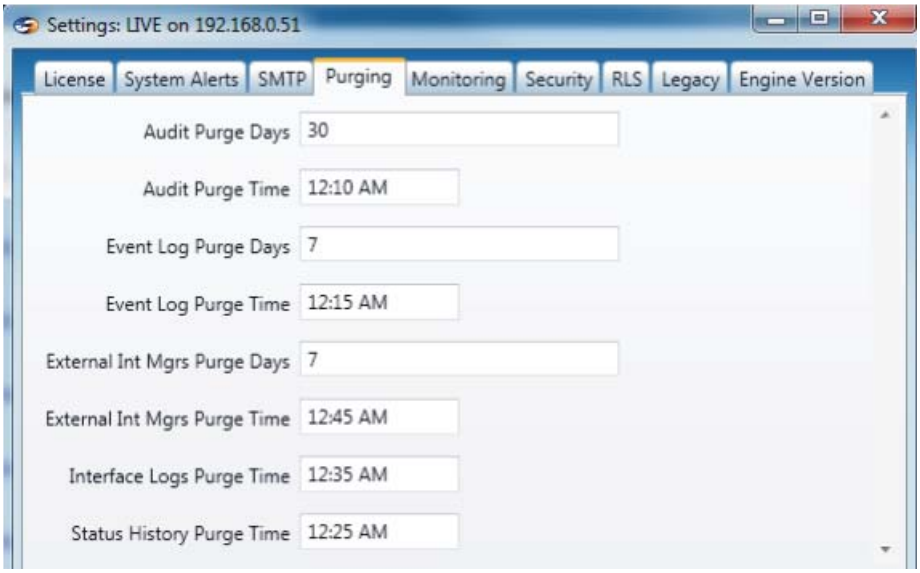

Figure 3-5: The Purging Tab

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Information found under the Purging tab is summarized in the following table.

Table 3-1: The Purging Tab

Tab Entry	Significance
Audit Purge Days	Audits older than the number specified will be purged daily.
Audit Purge Time	The time of day audits will be purged.
Event Log Purge Days	Events older than the number specified will be purged daily.
Event Log Purge Time	The time of day events will be purged.
External Int Mgrs Purge Time	External interface manager data that is older than the number of days specified will be purged daily,
Interface Logs Purge Time	The time of day interface logs will be purged.
Status History Purge Time	The time of day the component status history will be purged.

3.5 Monitoring

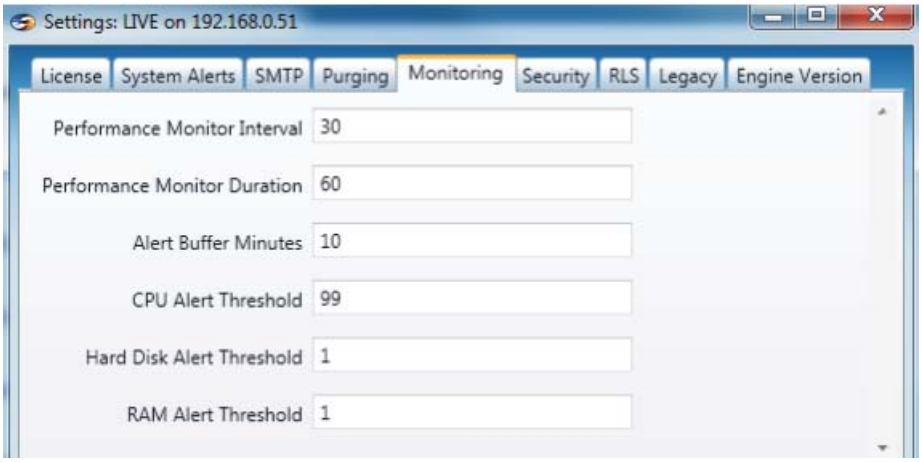

Figure 3-6: The Monitoring Tab

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Information found under the Monitoring Tab is summarized in the following table.

Table 3-1: The Monitoring Tab

Tab Entry	Significance
Performance Monitor Interval	The number of seconds between system performance data logging iterations. To disable performance data logging, set this number to 0.
Performance Monitor Duration:	The number of minutes to keep performance statistics.
Alert Buffer Minutes	The number of minutes an abnormal performance condition must persist before an alert is sent.
CPU Alert Threshold	If CPU utilization exceeds the percentage defined here for more than ten minutes, an alert will be sent.
Hard Disk Alert Threshold	If the amount of free space on any hard disk drops and remains below the percentage defined here for more than ten minutes, an alert will be sent.
RAM Alert Threshold	If the amount of RAM available drops and remains below the percentage defined here for more than ten minutes, an alert will be sent.

3.6 Security

Figure 3-7: The Security Tab

Information found under the Security Tab includes:

Session Expiration: After the number of minutes specified herein, sessions with no activity will time out.

Active Directory Domain: This field contains active directory domain information.

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3.7 Record Locator Service (RLS)

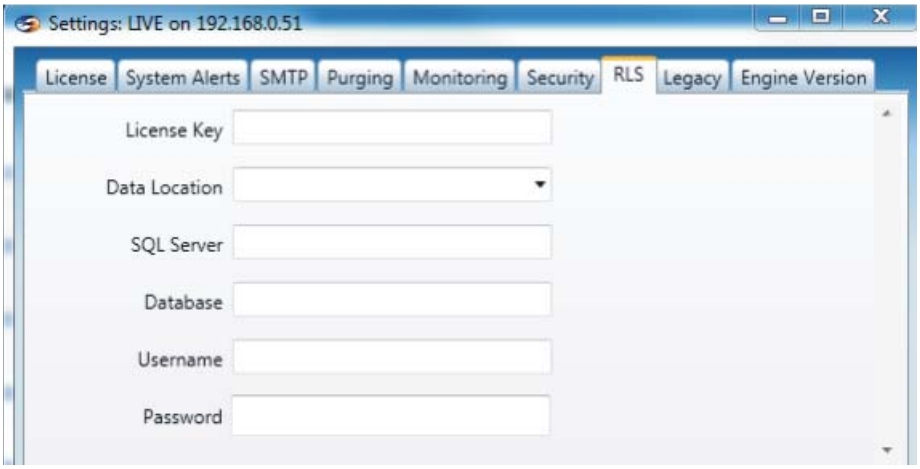

Figure 3-8: The RLS Tab

Data fields in the RLS tab (see Figure 3-8) include:

License Key: Provided by Iatric Systems to enable Record Locator Service for this installation.

Data Location: Folder where the Record Locator Service will look for files to process.

SQL Server: SQL server instance hosting the Record Locator Service Database.

Database: Name of the Record Locator Database.

Username: The SQL Server login for the Record Locator Service database.

Password: The password for the SQL Server login for the Record Locator Service database.

3.8 Legacy Settings

Figure 3-9: The Legacy Settings Tab

Information found under the Legacy Settings Tab includes:

IDP Integration Enabled: When checked, IDP integration is enabled.

IDP Data Folder: Specifies the location for IDP data and executables.

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4 Security

4.1 Users

The security administration feature facilitates management of authorized engine users and the interfaces that users are allowed to view or control. The security administration feature is available only to system administrators.

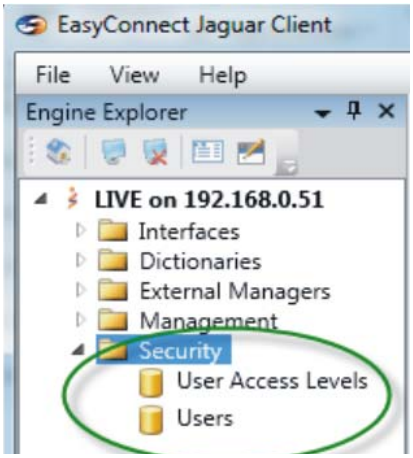

Figure 4-1: Accessing the Security Feature

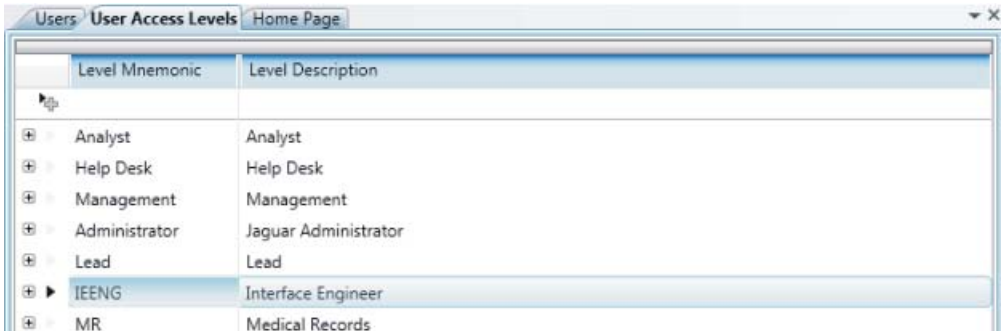

Figure 4-2: User Access Levels

To create an engine user, follow these steps:

1. Place the cursor in the Level Mnemonic column.
2. Define a user access level mnemonic.
3. Place the cursor in the Level Description column and define a level description.
4. Save the information by pressing the **Enter** key.

After creating an engine user, you will also need to define three levels of access: Access Type, Access Mode, and Access Item, as shown in the next three figures.

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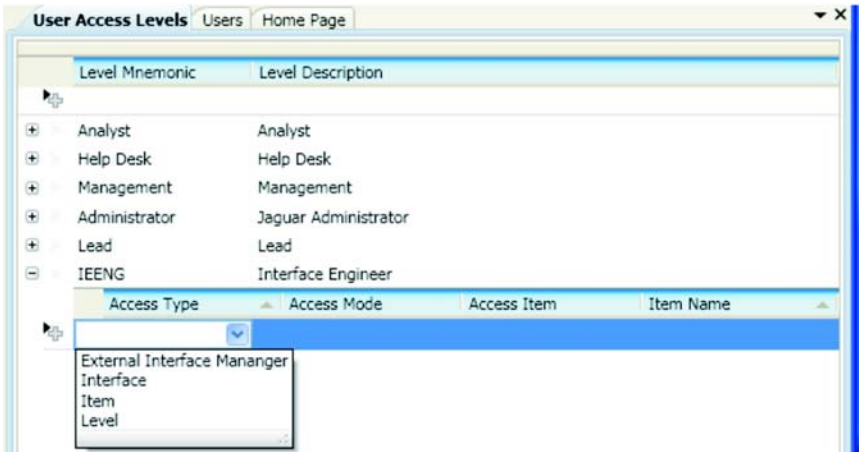

Figure 4-3: Access Type

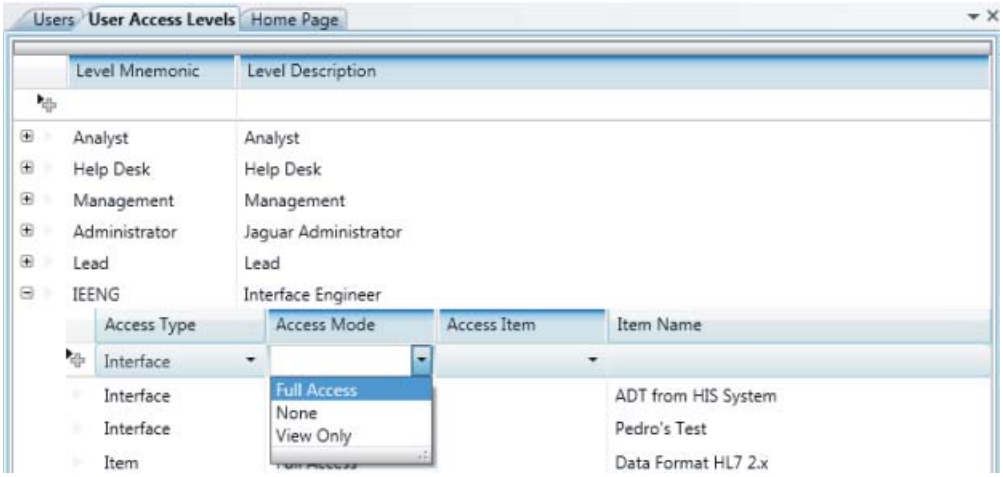

Figure 4-4: Access Mode

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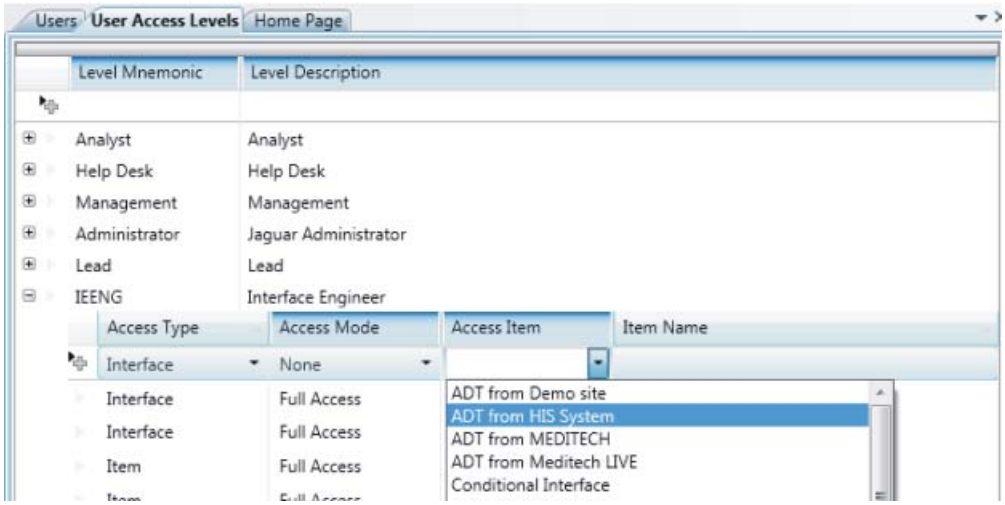

Figure 4-5: Access Item

4.2 Adding Access Level to Users

Figure 4-6: Add a New User

1. To add a new user, click the appropriate icon under the Users tab. See Figure 4-6.

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