



CFR
GATEWAY

CFR Gateway

INSTALLATION AND ADMIN MANUAL

Version 4.4



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Preface

This manual provides instructions about installing, configuring and using CFRGateway.

This preface contains these topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Conventions](#)

Audience

CFRGateway Installation and Admin Manual is intended for administrators or anyone installing CFRGateway on a single computer or network.

To use this document, you need the following:

- A supported Microsoft Windows operating system installed and tested on your computer system
- Administrative privileges on the computer where you are installing the SQL Database software

Documentation Accessibility

CFRGateway documentation set consists of the following:

1. CFRGateway Installation and Admin Manual
2. LogiLAB SDMS User Manual / Online Help System
3. LogiLAB ELN User Manual

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. Like the control name such as Save, Ok, Close etc and the window/screen name such as Setup Wizard, SaveAs dialog etc
<i>Italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

System requirements

Hardware Requirements

Computer	Component	Minimum requirement
Client	Processor	<ul style="list-style-type: none">• Pentium III• More than 700 MHz
	RAM	<ul style="list-style-type: none">• 2 GB or higher
	Hard disk	<ul style="list-style-type: none">• 20 GB of free space
	Network Access	<ul style="list-style-type: none">• 100 Mbps speed or higher
Server	Processor	<ul style="list-style-type: none">• Xeon Class• 3GHz
	RAM	<ul style="list-style-type: none">• 4 GB or higher
	Hard disk	<ul style="list-style-type: none">• 40 GB of free space (Up to 15 users. Add 1 GB for every 15 users)• RAID I for data protection

Software Requirements

Computer	Component	Minimum requirement
Client		<ul style="list-style-type: none">• Microsoft® Windows® 2000 or Windows® XP or higher• LogiLAB SDMS or LogiLAB ELN installed
Server		<ul style="list-style-type: none">• Microsoft® Windows® 2003 server or higher• MS SQL Server 2005 or higher

CFRGateway

About CFRGateway

CFRGateway helps administrators to add and configure instrument applications to make non-compliant instruments comply with 21 CFR Part 11. The CFRGateway is a tool that is similar to virtual wrapper for any non-compliant application. You have to login through the wrapper environment before you can access the instrument software that is not compliant. So user login/log-off is audit trailed (Controlled Access). Data produced by the instrument is always watched by the SDMS and is uploaded as and when it is created. It is simply not possible to overwrite, delete, rename any data file or make changes without being captured or audit trailed by LogiLAB SDMS.

Installing CFRGateway

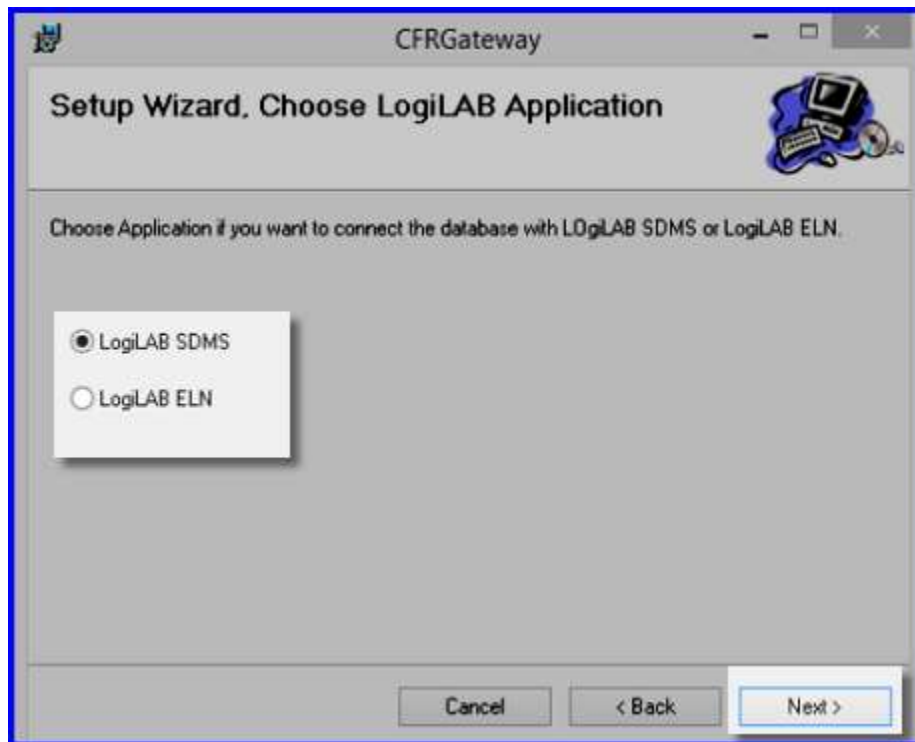
To install CFRGateway, follow these steps:

1. Log in to an administrator account on the computer, quit all open applications, and log out any other users on your computer.
2. Open the installation CD, open **CFRGateway 4.4** folder and then double-click **CFRGateway Setup** file or right-click CFRGateway setup file and then click **Run as Administrator**. The **CFRGateway Setup Wizard** appears as shown in the figure:



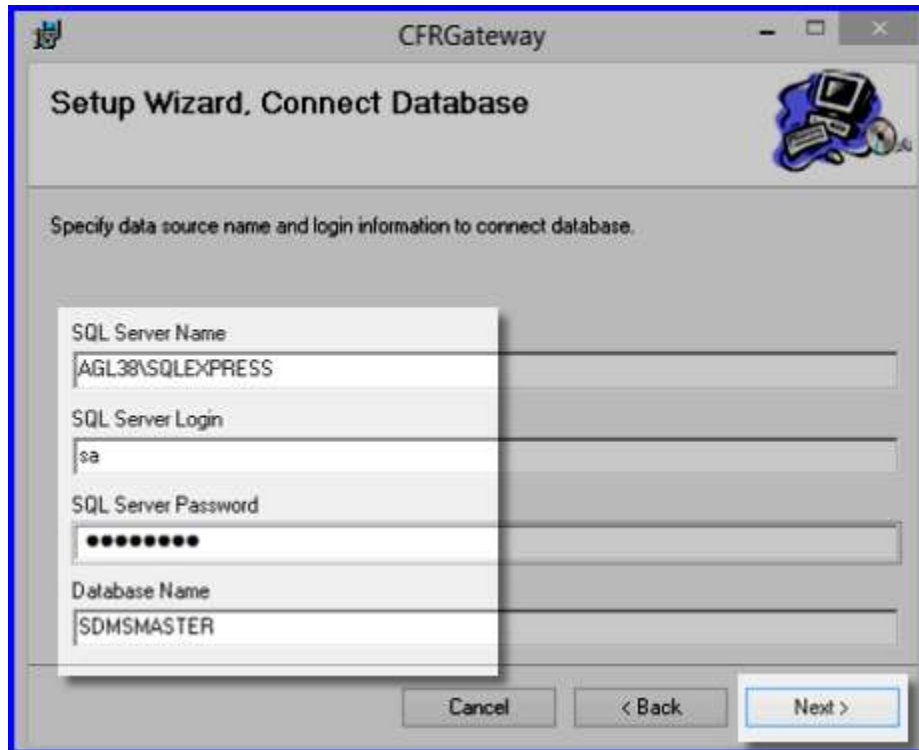
CFRGateway Setup Wizard

3. Click **Next**.
4. The **Choose LogiLAB Application** dialog appears as shown in the figure:



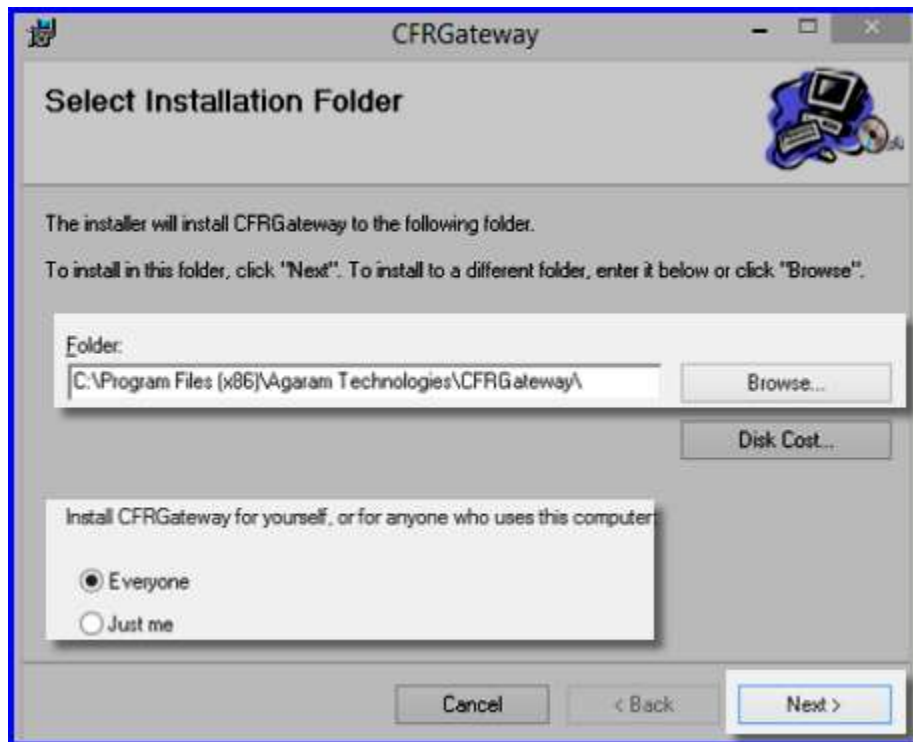
Setup Wizard – Choose LogiLAB Application Dialog

5. Click to select **LogiLAB SDMS** if you want to connect to LogiLAB SDMS. Or click to select **LogiLAB ELN** if you want to connect to LogiLAB ELN. And then click **Next**.
6. The **Connect Database** dialog appears as shown in the figure:



Setup wizard - Connect Database Dialog

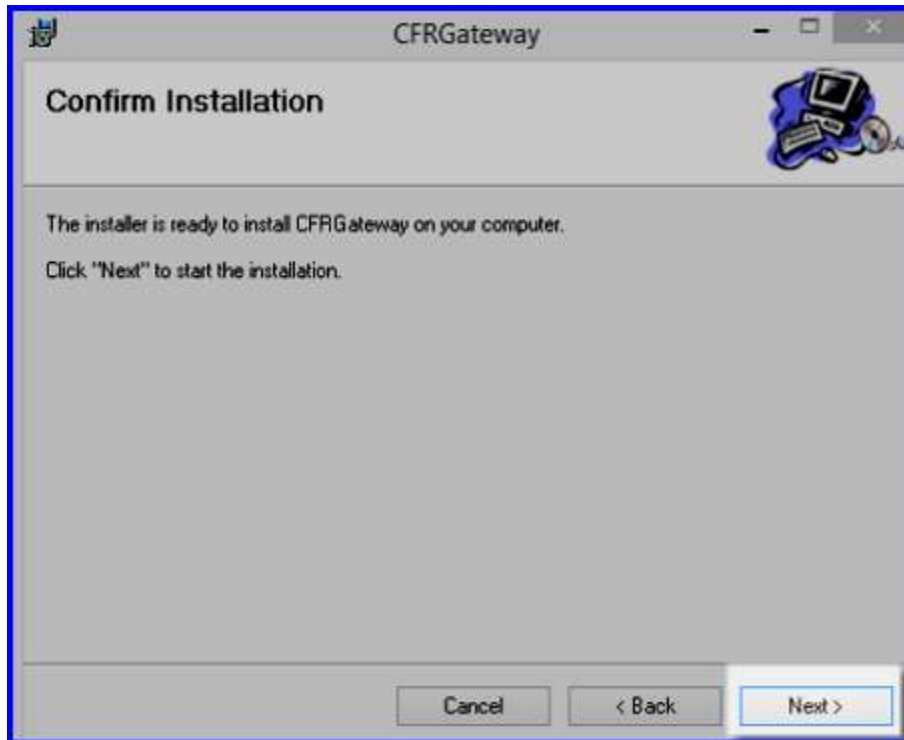
7. In the **SQL Server Name** box, type the server name. In the **SQL Server Login** and **SQL Server Password** box type the user name and password that you use to login SQL server.
8. In the **Database Name** box, type the database to connect.
9. Click **Next**. The **Select Installation Folder** dialog appears as shown in the figure:



Select Installation Folder Dialog

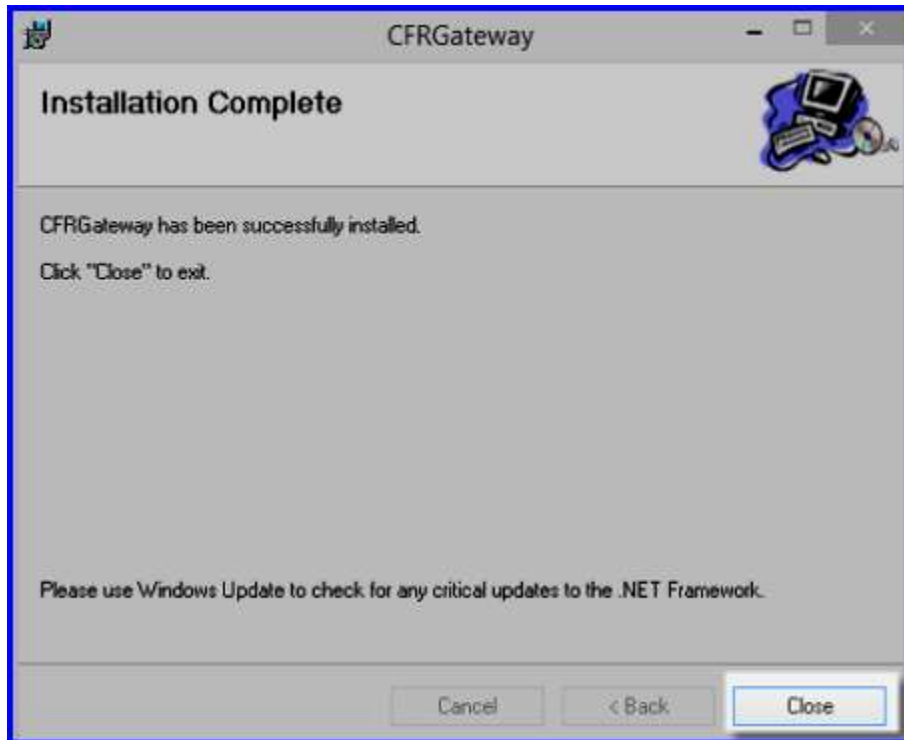
By default, the installer will install CFRGateway in the "C:\Program Files\Agaram Technologies\CFRGateway" folder.

10. To install CFRGateway in the default folder, click **Next**.
11. If you want to install in a different folder, click **Browse** and select the folder to install.
12. By default, CFRGateway is installed for anyone who uses your computer. If you want install it for your use alone, click to select **Just me** and then click **Next**. The **Confirm Installation** dialog appears as shown in the figure:



Confirm Installation Dialog

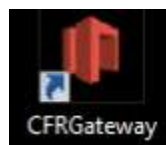
13. In the **Confirm Installation** dialog, click **Next**.
14. Wait until the setup completes the installation. On successful installation you will see **Installation Complete** dialog as shown in the figure:



Installation Complete Dialog

15. On the **Installation Complete** dialog, click **Close** to exit the installation wizard.

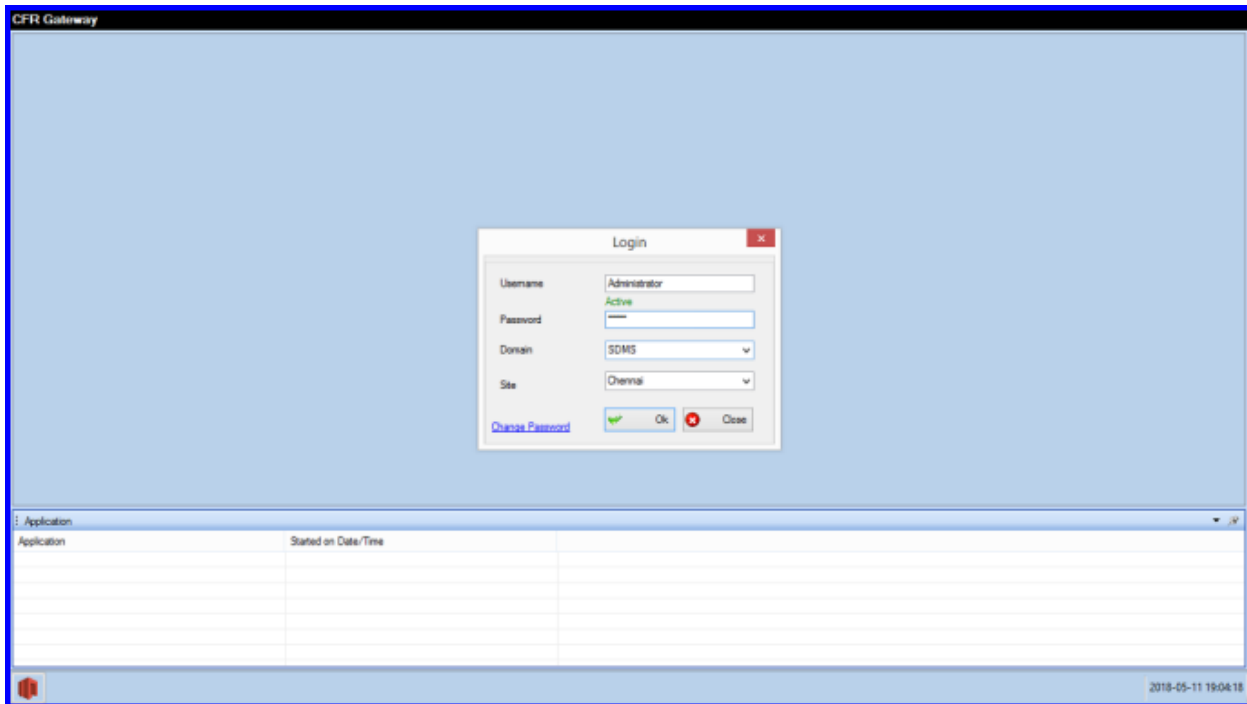
On successful installation, you can see the CFRGateway shortcut on the desktop. The shortcut appears as shown in the figure:



CFRGateway Shortcut Icon

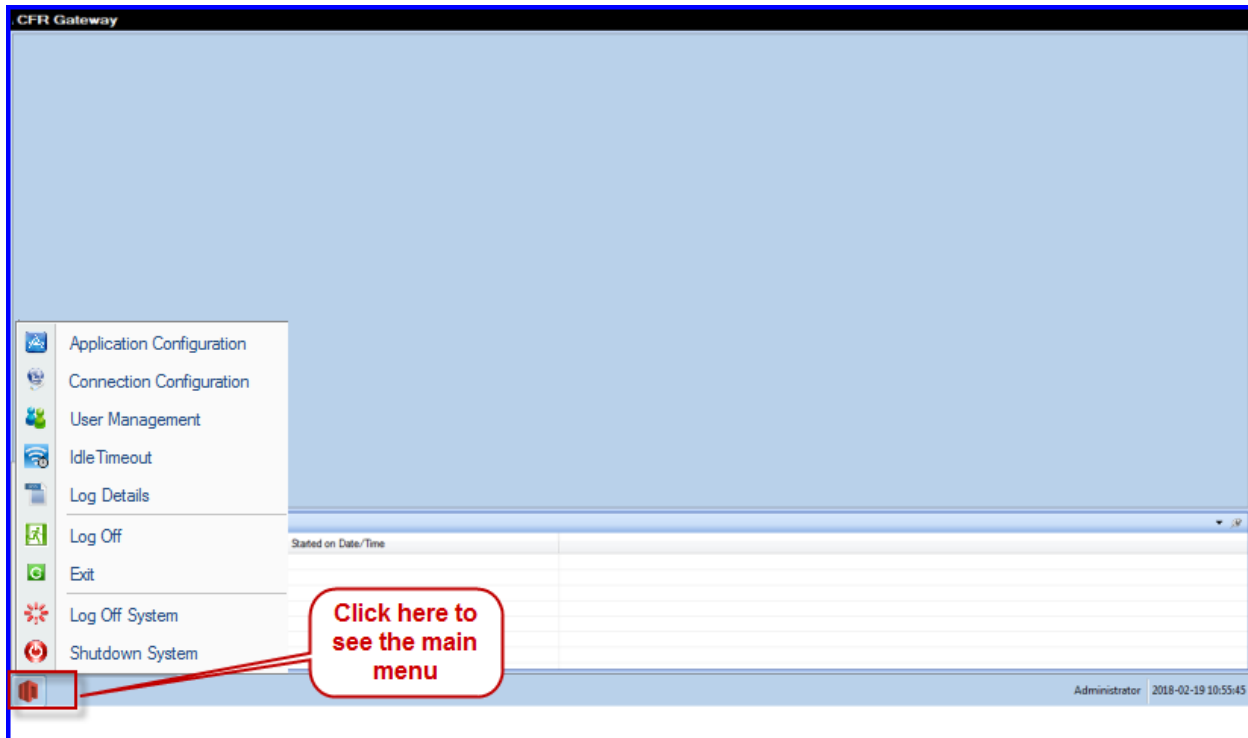
Logging into CFRGateway

1. To open CFRGateway, double-click the CFRGateway shortcut that appears on the Desktop. The CFRGateway login screen appears as shown in the figure:



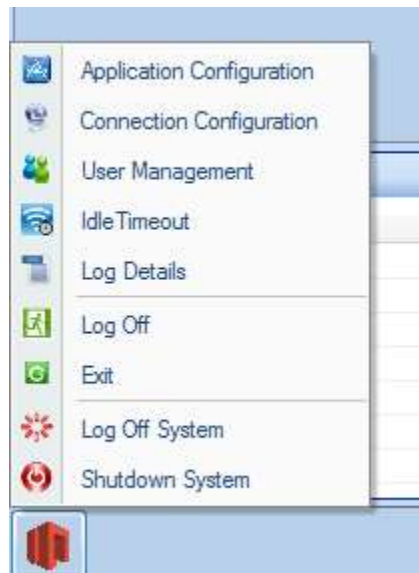
CFRGateway Login Screen

2. In the **User name** box, type a valid user name.
3. In the **Password** box, type the password.
4. From the **Domain** box, select the domain to connect. Example: SDMS /ELN etc
5. From the **Site** box, select the site to connect.
6. Click **Ok**. On successful login, the CFRGateway main screen appears as shown in the figure:



CFRGateway Main Screen

The CFRGateway main menu for administrators appears as shown in the figure:



CFRGateway Main Menu for Administrators

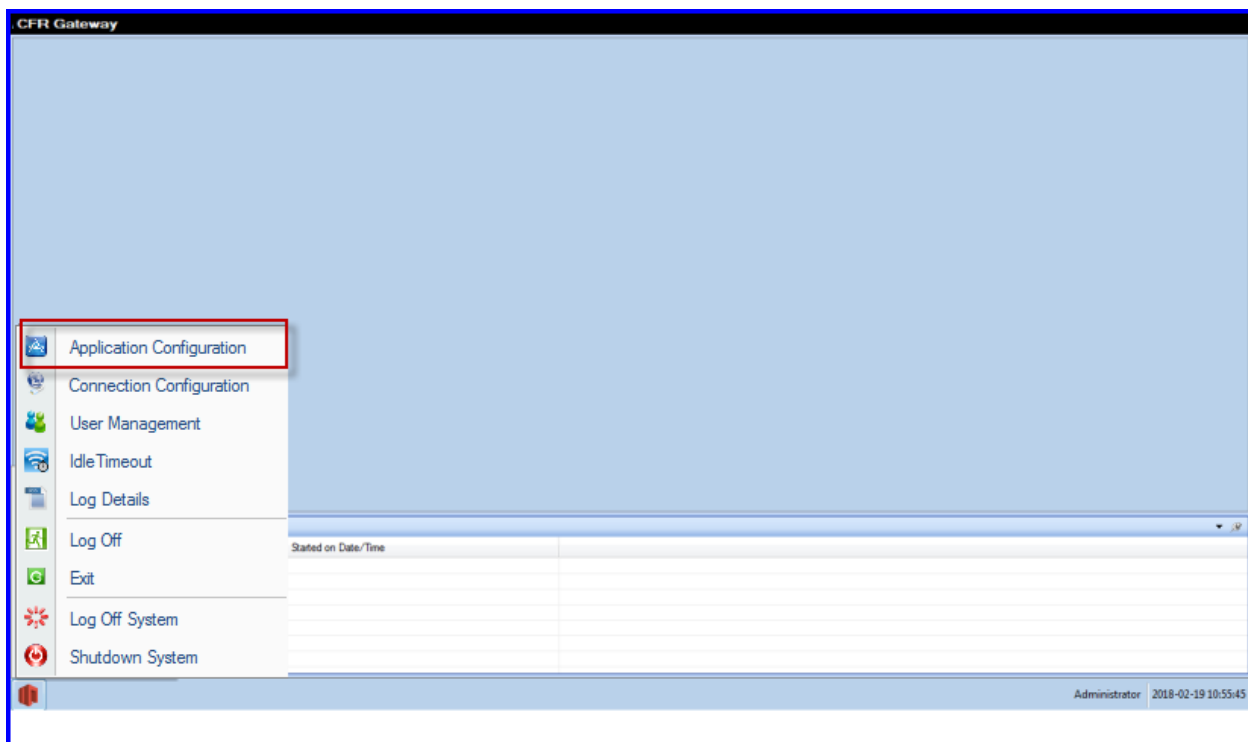
The admin user has access to all the items in the menu. Administrators can do the following activities in CFRGateway:

- Add and configure applications
- Configure Database connections
- Manage users
- Set idle timeout
- View log details

Adding and Configuring applications in CFRGateway

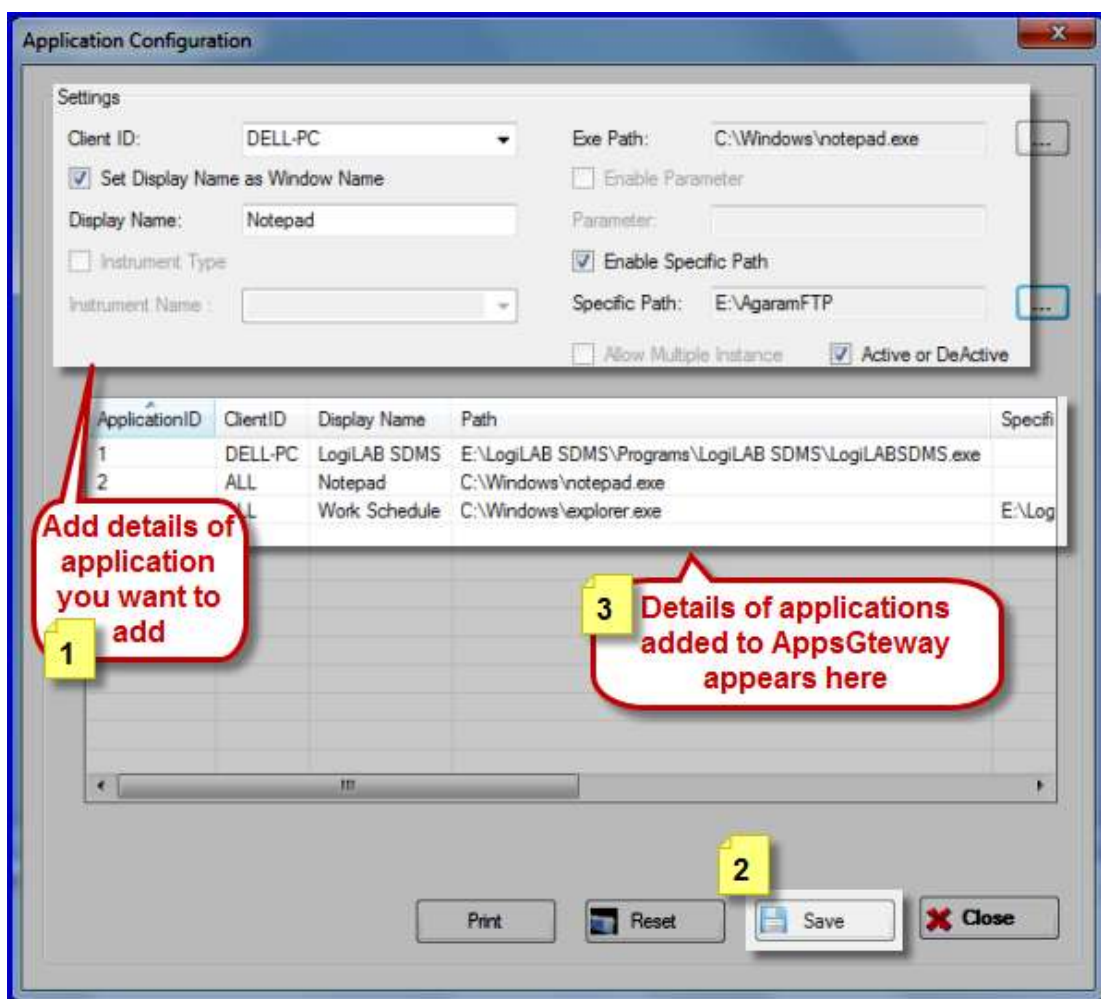
To add and configure applications in CFRGateway, follow these steps:

1. In the CFRGateway main menu, click **Application Configuration** as shown in the figure:





CFRGateway Main Menu Showing Application Configuration Option

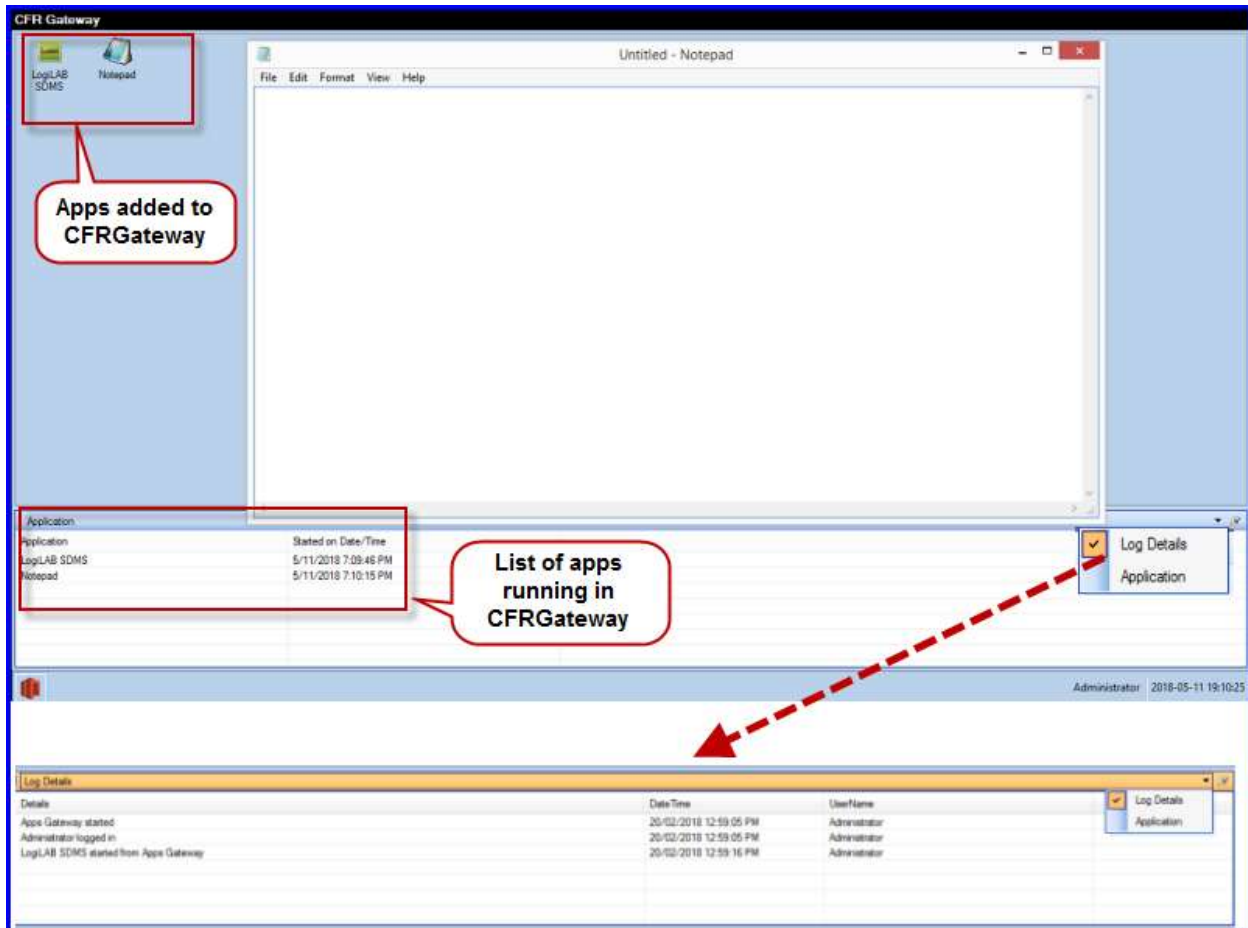
The Application Configuration screen appears as shown in the figure:



Application Configuration Screen

2. In the **Client ID** box, select the client computer you want to add the application. Clients that are added to SDMS/ELN are loaded here. You can select a specific client or select ALL to add the application to all the clients appears in the list.
3. Click to select **Set Display Name as Window Name** check box and in the **Display Name** box type the display name for the application you want to add. This option is useful for applications that do not generate/have process id.

4. In the **Exe Path** box, click  and select the exe file of the application to add.
5. For some applications the exe file requires parameters to run. In such cases, click to select the **Enable Parameter** check box and in the **Parameter** box, type the parameter for the exe file.
6. Click to select the **Enable Specific Path** check box, and in the **Specific Path** box click  and select the path to add the application.
7. Click to select **Allow Multiple Instances** check box. Enabling this option allows open multiple instances of the application you add. For example, you can open and use multiple instances of Notepad at a time.
8. Click to select **Active or DeActive** check box to activate the application in the CFRGateway.
9. Click **Save** to save the application settings added. Now you can see the application added to the CFRGateway listed with details as shown in the above figure.
10. Click **Reset** to clear the screen for fresh entry.
11. Click **Close** to close the Application Configuration screen.
12. Now you can see the icons of applications added in the CFRGateway screen as shown in the figure:



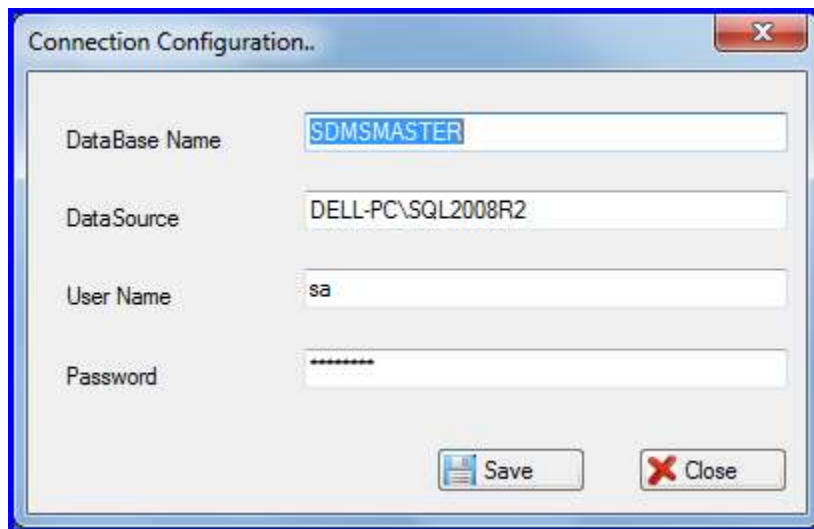
CFRGateway screen showing apps added and the log

- Double-click the app icon to open and use. Now you are using the application through CFRGateway. Now all the activities are tracked / audit trailed.
- Under **Application**, details of the apps currently running appear as shown in the above figure.
- To see the log details, click the down arrow button and then select **Log Details** as shown in the above figure.

Configuring Database Connection

Connection Configuration screen helps the administrators to connect database. To do so follow these steps:

1. In the CFRGateway main menu, click **Connection Configuration**. The Connection Configuration screen appears as shown in the figure:



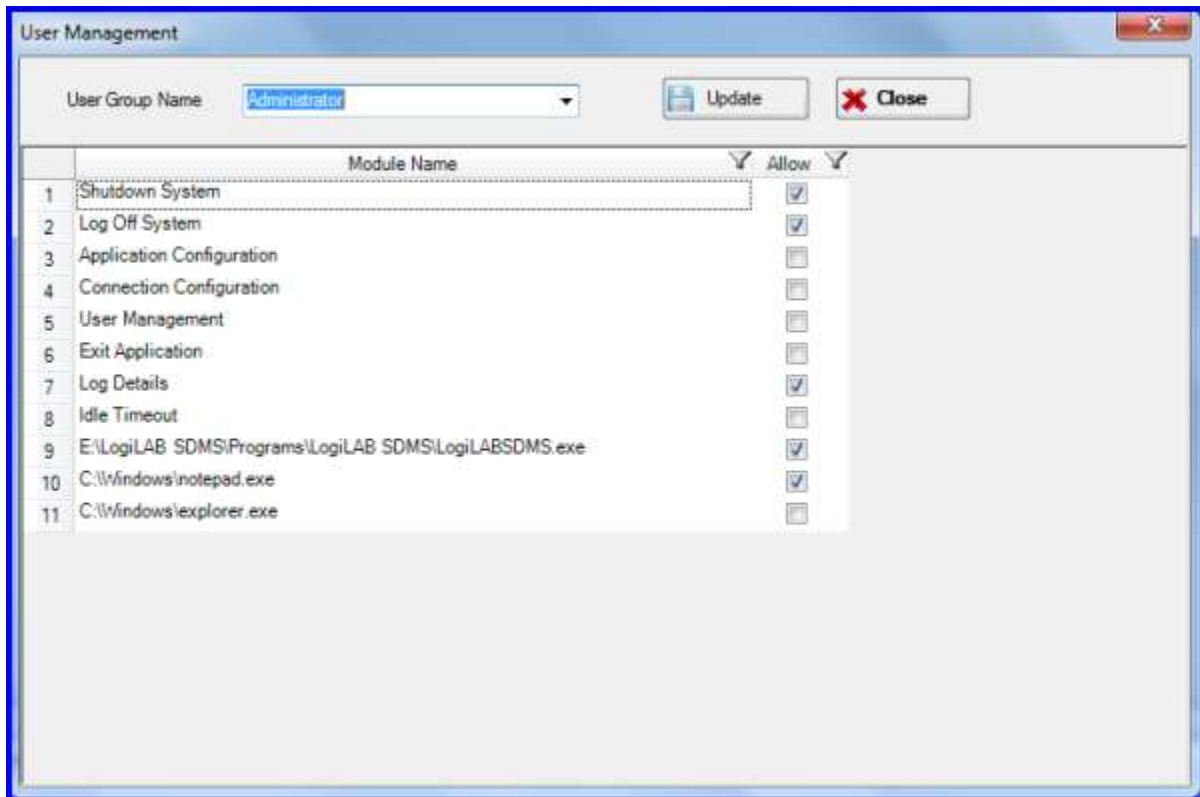
Connection Configuration Screen

2. In the **Database Name** box, select the database you want to connect.
3. In the **DataSource** box, select the datasource name.
4. In the **User Name** box, type valid username that you use to login SQL Server.
5. In the **Password** box, type valid password.
6. Click **Save**.

Managing User Rights

User Management screen helps the administrators to define access rights to the user groups. To do so follow these steps:

1. In the CFRGateway main menu, click **User Management**. The User Management screen appears as shown in the figure:



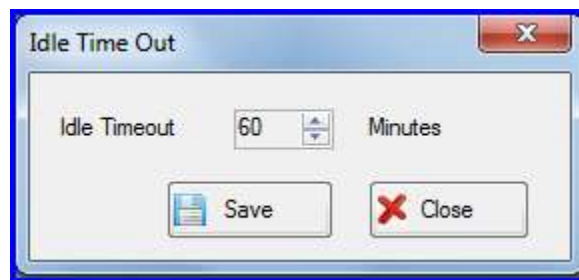
User Management Screen

2. In the **User Group Name** box, select the user group to define access rights.
3. Under **Module Name**, click to select/deselect the module names to grant/revoke access.
4. Click **Update** to save the changes.
5. Click **Close** to close user management screen.

Setting Idle Time Out

When this setting is configured, application logs out automatically after a specified period of inactivity. The default value for idle time-out is 60 minutes. You can change the default value. To do so, follow these steps:

1. In the CFRGateway main menu, click **Idle Time Out**. The Idle Time Out dialog appears as shown in the figure:



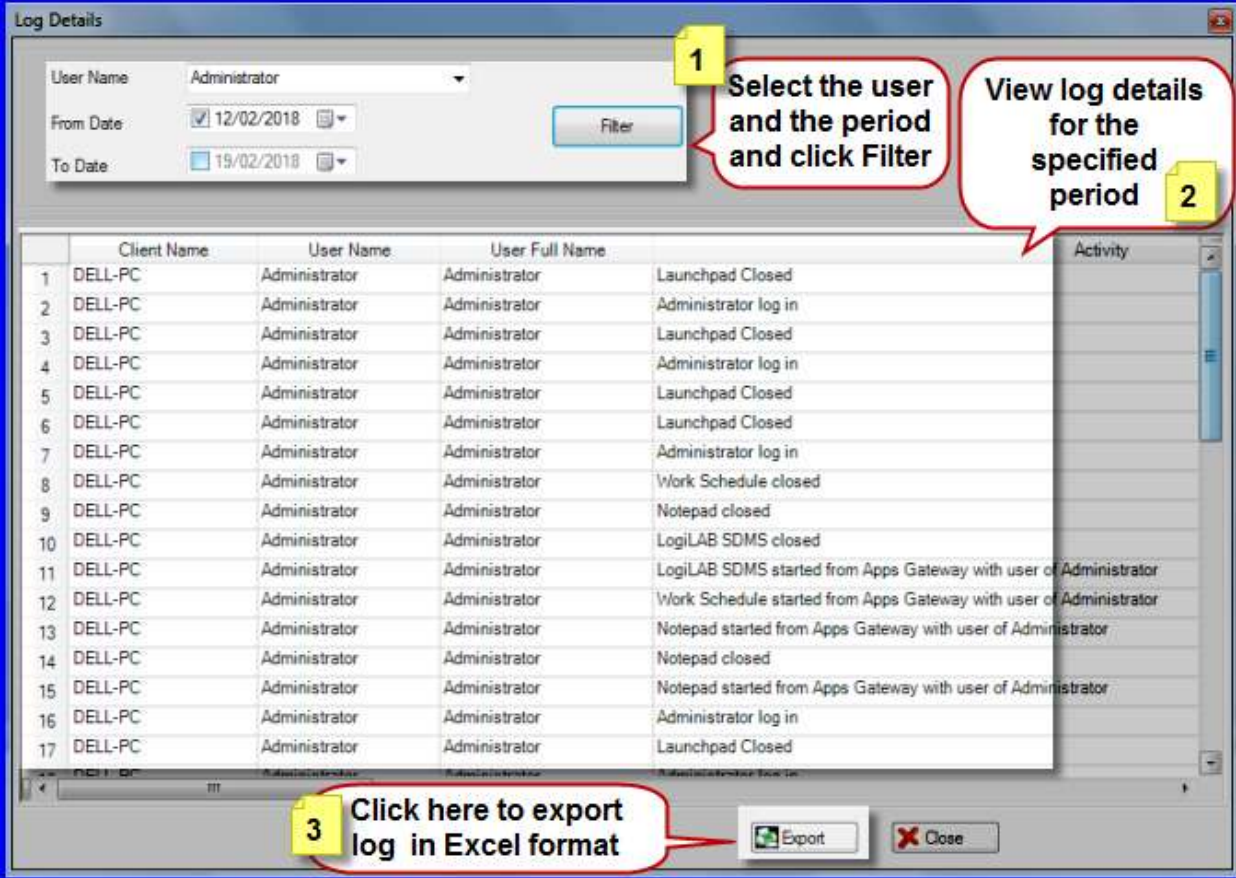
Idle Time Out Dialog

2. Change the idle time out duration here and then click **Save**.

Viewing and exporting log details

The Log Details screen allows the administrator and the other user to view and export log details for the selected user and period. To do so, follow these steps:

1. In the CFRGateway main menu, click **Log Details**. The Log Details screen appears as shown in the figure:



1 Select the user and the period and click Filter

2 View log details for the specified period

3 Click here to export log in Excel format

	Client Name	User Name	User Full Name	Activity
1	DELL-PC	Administrator	Administrator	Launchpad Closed
2	DELL-PC	Administrator	Administrator	Administrator log in
3	DELL-PC	Administrator	Administrator	Launchpad Closed
4	DELL-PC	Administrator	Administrator	Administrator log in
5	DELL-PC	Administrator	Administrator	Launchpad Closed
6	DELL-PC	Administrator	Administrator	Launchpad Closed
7	DELL-PC	Administrator	Administrator	Administrator log in
8	DELL-PC	Administrator	Administrator	Work Schedule closed
9	DELL-PC	Administrator	Administrator	Notepad closed
10	DELL-PC	Administrator	Administrator	LogiLAB SDMS closed
11	DELL-PC	Administrator	Administrator	LogiLAB SDMS started from Apps Gateway with user of Administrator
12	DELL-PC	Administrator	Administrator	Work Schedule started from Apps Gateway with user of Administrator
13	DELL-PC	Administrator	Administrator	Notepad started from Apps Gateway with user of Administrator
14	DELL-PC	Administrator	Administrator	Notepad closed
15	DELL-PC	Administrator	Administrator	Notepad started from Apps Gateway with user of Administrator
16	DELL-PC	Administrator	Administrator	Administrator log in
17	DELL-PC	Administrator	Administrator	Launchpad Closed

Log Details Screen

2. In the **User Name** box, select the user.
3. Specify the period by selecting the **From Date** and **To Date**.
4. Click **Filter**. Log details for the selected user and for the specified period appear as shown in the above figure.
5. You can click **Export** to export the log to Excel.

