

Eurotherm Data Reviewer

Release V1.0.x

Readme

ELECTRONICALLY STORED DOCUMENT						
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me		
Product:	Eurotherm Data Reviewer					
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	HA033274	Sheet 1 of 18
© Copyright Eurotherm Limited 2018						

Contents

1. Overview.....	3
2. DVD/Installer contents	3
3. Prerequisites for Installing Eurotherm Data Reviewer.....	3
4. License Options	4
4.1 Trial License Expiry	4
4.2 License Activation.....	4
5. Supported features.....	8
6. Features not supported.....	8
7. Useful Tips	9
7.1 How to configure the TCP/IP port	9
7.2 How to Login to Eurotherm Data Reviewer and Reviewer Services	10
7.3 How to change default password to access 'Database 'page	10
7.4 How to perform Database management	12
7.5 How to enable https setting for Eurotherm Data Reviewer.....	13
7.6 Ports used by Eurotherm Data Reviewer	14
7.7 How to Setup Printers in Eurotherm Data Reviewer.....	15
8. OPEN SOURCE SOFTWARE.....	18

ELECTRONICALLY STORED DOCUMENT			
Originator:	Sheeja Thankamani	Revision No:	1.0.2
Product:	Eurotherm Data Reviewer		
Eurotherm Data Reviewer V1.0.x Read me			
EUROTHERM by SCHNEIDER ELECTRIC		Document No:	HA033274
© Copyright Eurotherm Limited 2018			Sheet 2 of 18

1. Overview

Eurotherm Data Reviewer is a browser based tool for visualization and analysis of historical data files (UHH) generated by Eurotherm recording devices. Please see section **Supported features** for the list of features supported in this release.

2. DVD/Installer contents

Eurotherm Data Reviewer DVD or downloadable ISO image contains the following:

- A. Eurotherm Data Reviewer installer.
- B. A trial license.
- C. Reviewer configuration tool (used to configure ports).

3. Prerequisites for Installing Eurotherm Data Reviewer

Please see below the minimum pre-requisites for installing Eurotherm Data Reviewer.

Foundation Edition	Minimum	Recommended
Operating System	Windows 7™ (64-bit) with Service Pack 1, Windows 8.1™ or Windows 10™.	Windows 10 (64-bit, Professional or Enterprise)
Browser	Chrome 58 or higher, IE11 or Edge	Chrome 58 or higher
RAM	4GB	8GB
Processor	2GHz, Intel™ Pentium™ i5, Dual Core processor or equivalent	2GHz, Intel™ Pentium™ i5, Dual Core processor or equivalent
Disk Space	60GB of free hard disk space	60GB of free hard disk space

Enterprise Edition	Minimum	Recommended
Operating System	Windows Server 2012R2™ or Windows Server 2016™	Windows Server 2012R2™
Browser	Chrome 58 or higher, IE11 or Edge	Chrome 58 or higher
RAM	16GB	16GB
Processor	2.7 GHz, Intel™ Quad Core i7, processor or equivalent	2.7 GHz, Intel™ Quad Core i7, processor or equivalent
Disk Space	1TB minimum	1TB minimum

Note: Eurotherm Data Reviewer requires the following software components as prerequisites

- Java JRE 9.0.4
- Microsoft .NET Framework 4.6.1

If your PC is connected to the internet, the installer application will automatically download and install the above components – if there is no internet connection, the download and installation will need to be performed manually.

ELECTRONICALLY STORED DOCUMENT						
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me		
Product:	Eurotherm Data Reviewer					
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	HA033274	Sheet 3 of 18
© Copyright Eurotherm Limited 2018						

4. License Options

Eurotherm Data Reviewer product has the following license options

- a) Trial - Installed with the product.
- b) Foundation- Activation code supplied as a free option along with the DVD. This option has a database size limitation.
- c) Enterprise- this option needs to be ordered. A hardcopy paper license is issued with the activation ID as part of the order.

4.1 Trial License Expiry

A trial license is installed along with Eurotherm Data Reviewer Software. The trial license expires within 42 days of software installation. The user is expected to upgrade the license to either Foundation or Enterprise license within this duration. Information regarding the number of days left for the trial license expiry is displayed on the user interface notification banner.

4.2 License Activation

Eurotherm Data Reviewer **Foundation** Edition can be activated on either a standalone PC or Server. However, it should be noted that Foundation Edition is restricted to a single user and 20GB database size limit. Once the database size reaches 80% of the limit the user is prompted with a reminder to perform a database backup. Therefore, when installing Eurotherm Data Reviewer on a server it is recommended that you purchase and activate Enterprise Edition license.

License activation for Eurotherm Data Reviewer is done using License Manager. License Manager provides one of the following methods of activation:

- By web
- By mobile device
- By web portal
- By phone

Note: Activation 'By web' is the most common method of activation. All the other options are offline methods.

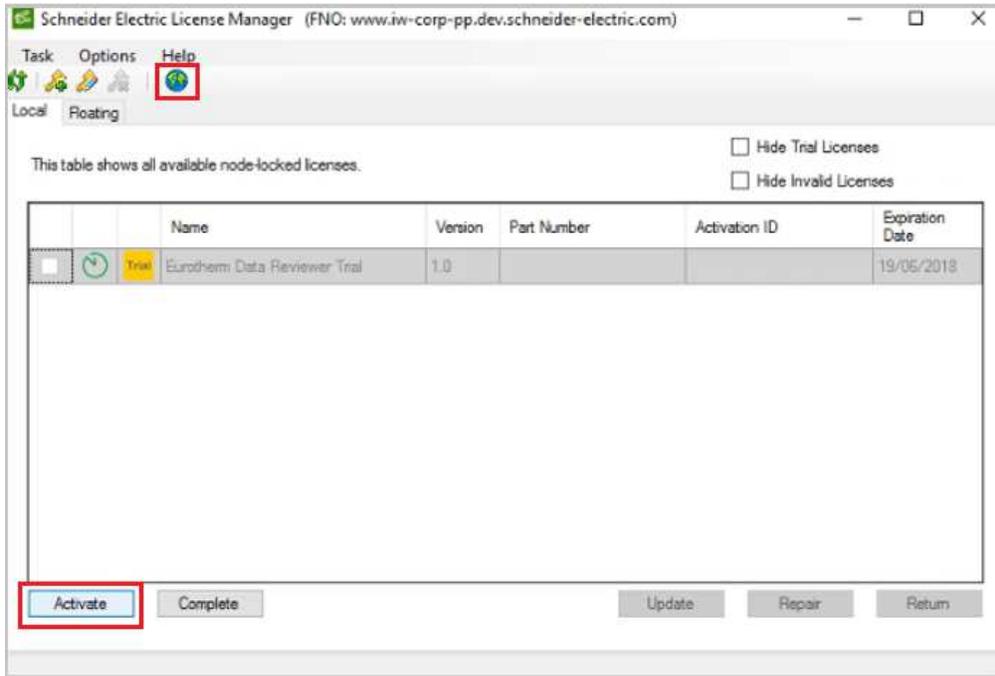
Please carry out the following steps for the license activation:

Step-1 click on the License Manager icon on the desktop.

Step-2 Click the 'globe' icon below '**Help**' and register your details online in "**Software Licensing Web Portal**".

ELECTRONICALLY STORED DOCUMENT				
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me
Product:	Eurotherm Data Reviewer			
EUROTHERM by SCHNEIDER ELECTRIC				Document No: HA033274
© Copyright Eurotherm Limited 2018				Sheet 4 of 18

Note: The email address registered in the “Software Licensing Web Portal” should be provided for the license activation process.(see step 4)

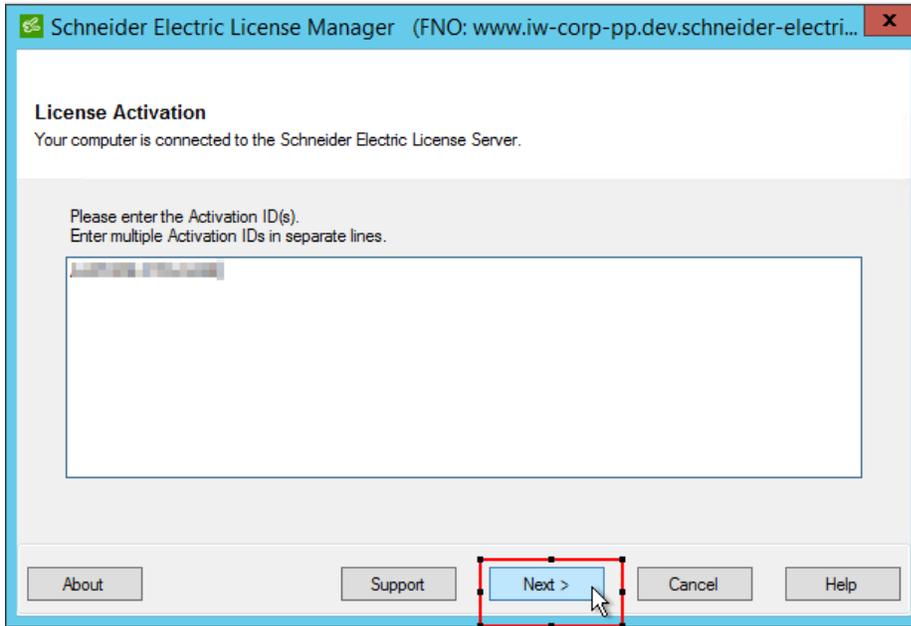


Step 3- Click Activate.

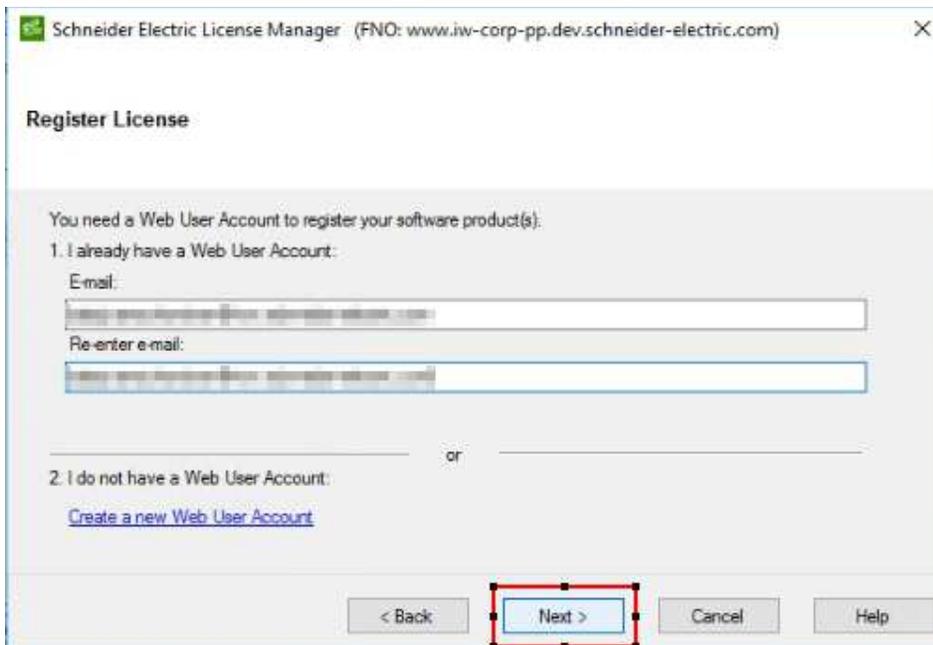
Note: If the PC is connected to the internet the below screen will be displayed. Enter the activation ID and click **Next**.

For Foundation version the activation ID is A-WDMK-F7F6-S228. For Enterprise version please use the activation ID supplied as part of the paper license.

ELECTRONICALLY STORED DOCUMENT				
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me
Product:	Eurotherm Data Reviewer			
EUROTHERM by SCHNEIDER ELECTRIC				Document No: HA033274
© Copyright Eurotherm Limited 2018				Sheet 5 of 18



Step 4 - Enter the email address used to Register at “Software Licensing Web Portal” and then click **Next**.



Step 5 - Click **Finish** when the license activation is confirmed as complete.

ELECTRONICALLY STORED DOCUMENT					
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me	
Product:	Eurotherm Data Reviewer				
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	
© Copyright Eurotherm Limited 2018				HA033274	Sheet 6 of 18

5. Supported features

Eurotherm Data Reviewer V1.0 release supports the following features:

1. Uploading of single or multiple UHH files.
2. Visualization of UHH files as cards, which can be viewed as either linear or circular charts.
3. Linear charts include a channel panel, message panel and message indicators on chart for better visualization and analysis.
4. Linear charts provide options to zoom, filter and annotate chart data, selection/deselection of channels to display on chart and channel panel, visualization of A/B switching and zoning.
5. It is possible to have configurable (Custom) groups by selecting/deselecting channels.
6. Printing options for Linear and Circular charts, can include values and messages.
7. Printer management, printing to a configured network printer.
8. Automatic printing at the end of a batch.
9. Automatic transfer of files from instruments to Eurotherm Data Reviewer using FTP.
10. Automatic transfer of files from up to three configured FTP servers.
11. Support for http and https.
12. Language support for French, Italian, German, Spanish, Dutch, Korean and Chinese.

6. Features not supported

1. PKD file upload, please use Eurotherm Review software for the same.
2. Automatic transfer of files from T2550/T2750 PAC redundant configuration.
3. Automatic transfer of files from E+PLC.
4. Drag and drop of folders through IE11 browser.
5. UHH files from Security Manager .
6. UHH files from Alarm Provider .

ELECTRONICALLY STORED DOCUMENT						
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me		
Product:	Eurotherm Data Reviewer					
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	HA033274	Sheet 8 of 18
© Copyright Eurotherm Limited 2018						

7. Useful Tips

7.1 How to configure the TCP/IP port

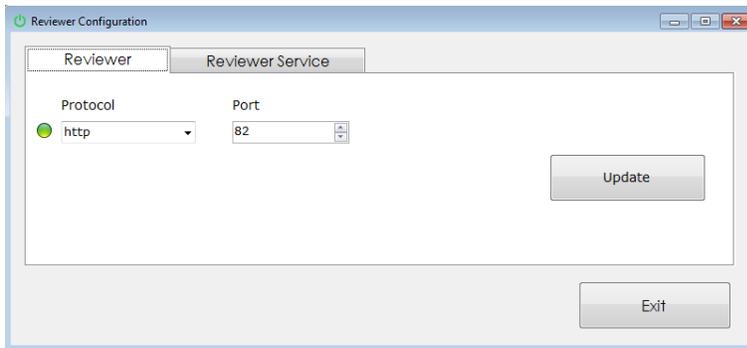
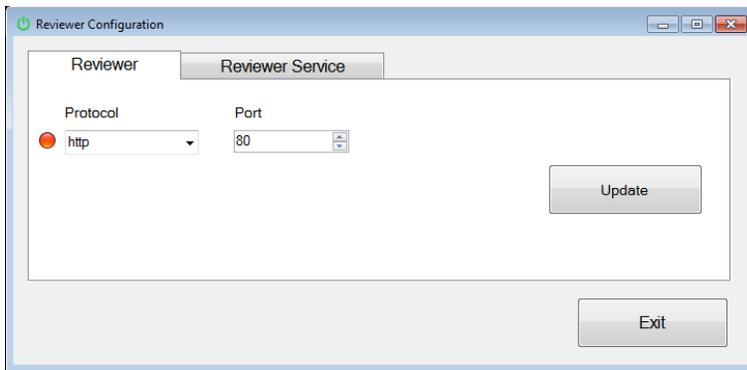
Reviewer Configuration tool is a utility that is installed with Eurotherm Data Reviewer. This tool can be used to configure the port for http/https configurations when the default port 80 is already in use.

Note: A message is displayed during installation if the port 80 is already in use on the PC.

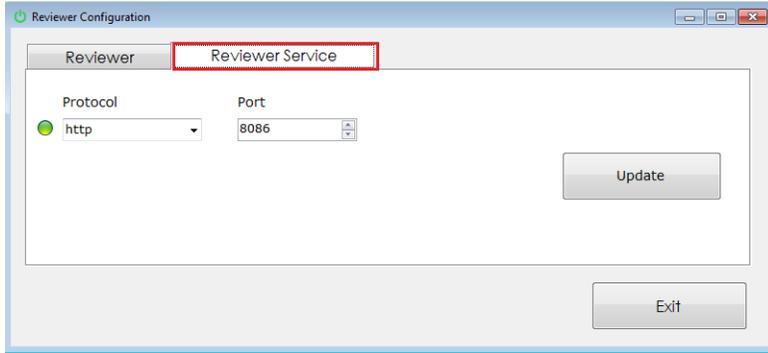
To change the port please carry out the following steps:

Step1- Navigate to *Program files\Eurotherm\Eurotherm Reviewer\Configuration* and click the application **Eurotherm.Reviewer.Configuration**.

Step2- If the color of the indicator on Reviewer and/or Reviewer Services tabs is **red** then choose an available port and click **Update**. The indicator turning green confirms the port is correctly set. This may take a few minutes if other applications are running on the PC.



ELECTRONICALLY STORED DOCUMENT					
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me	
Product:	Eurotherm Data Reviewer				
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	
© Copyright Eurotherm Limited 2018				HA033274	Sheet 9 of 18



Note: The default port for https configuration is 443. If this port is already in use then follow the steps above.

Step3- Restart the PC and confirm the following services are running. This could take several minutes if other applications are running on the PC.

- elasticsearch-service-x64
- ReviewerServices.web
- ReviewerServices.Reviewer
- ReviewerServices.CollectData
- ReviewerServices.UploadFile
- ReviewerServices.Printing

7.2 How to Login to Eurotherm Data Reviewer and Reviewer Services



Click the Desktop short cut for Eurotherm Data Reviewer . Please enter your Windows user credentials to login. Please provide the same Windows user credentials to login to Reviewer Services.

7.3 How to change default password to access 'Database' page

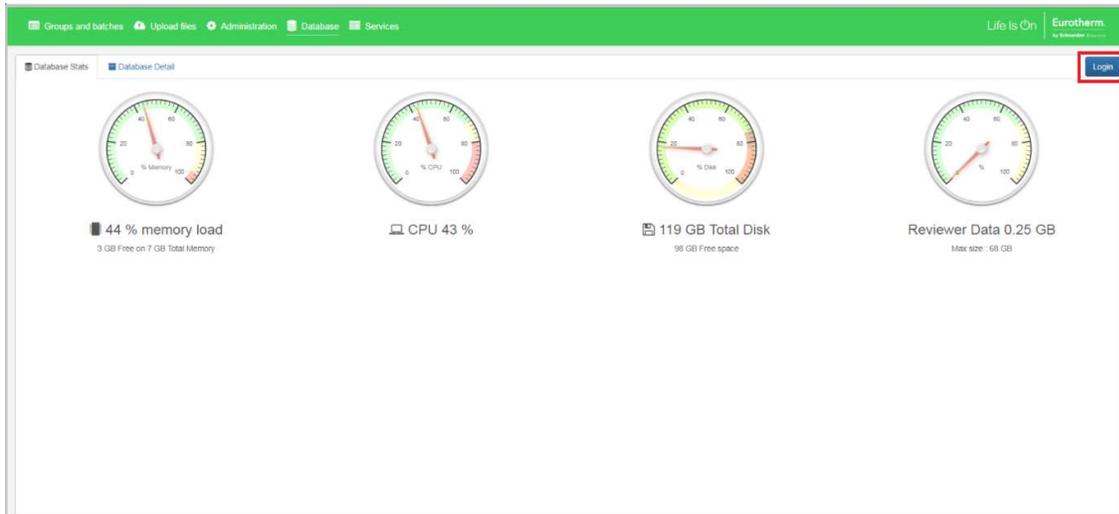
'Database' page in Eurotherm Data Reviewer is used for the following:

- a) perform database management (to make disk space available).
- b) to create self-signed https certificates.

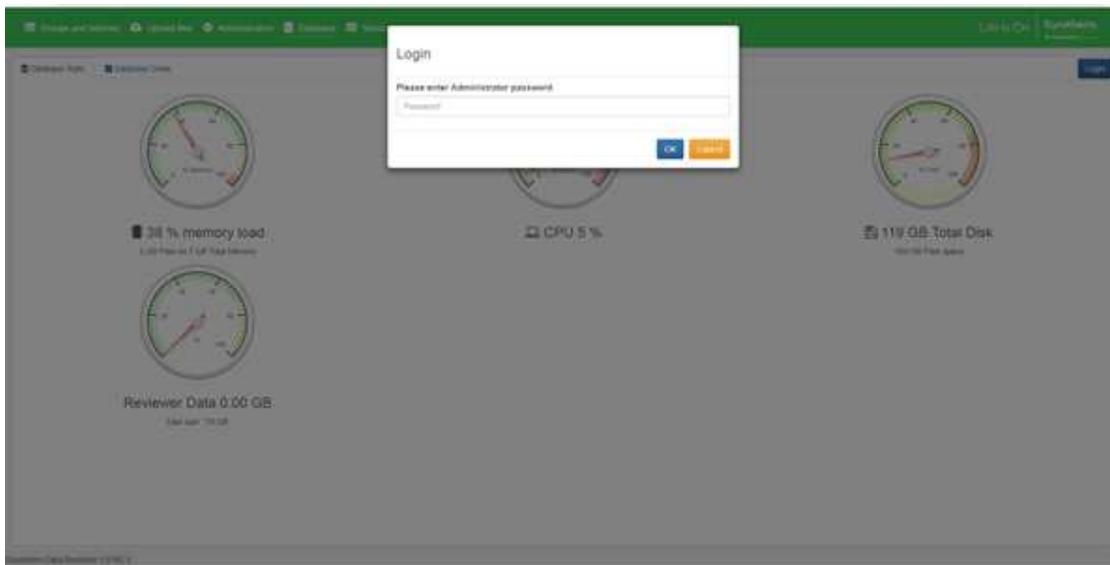
Note: the default password to access this page is "eurotherm".

Step1- Click **Login** button.

ELECTRONICALLY STORED DOCUMENT				
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me
Product:	Eurotherm Data Reviewer			
EUROTHERM by SCHNEIDER ELECTRIC				Document No: HA033274
© Copyright Eurotherm Limited 2018				Sheet 10 of 18

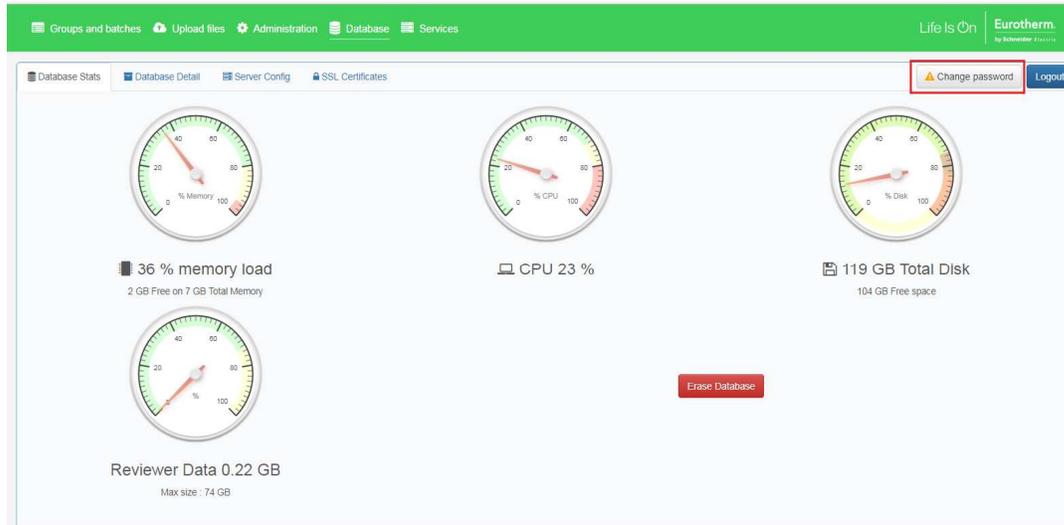


Step2- Enter the password as "eurotherm".



Step3 – Click **Change password** button to change the default password.

ELECTRONICALLY STORED DOCUMENT			
Originator:	Sheeja Thankamani	Revision No:	1.0.2
Product:	Eurotherm Data Reviewer		
EUROTHERM by SCHNEIDER ELECTRIC		Eurotherm Data Reviewer V1.0.x Read me	
© Copyright Eurotherm Limited 2018		Document No:	HA033274
			Sheet 11 of 18



Note: The user is advised to remember the new password. If the password is lost please contact the Eurotherm Technical Support Helpdesk on Tel: +44 1903 268500 or by email: support.eurotherm.uk@schneider-electric.com

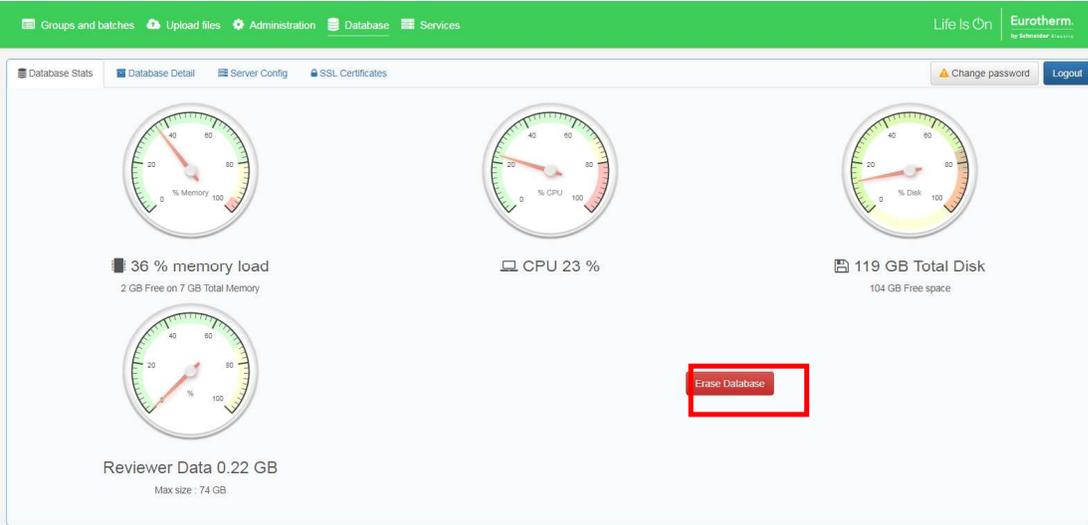
7.4 How to perform Database management

As the database for Foundation Edition is limited to 20GB, the user is prompted to perform database management in order to free up the disk space when 80% of the allocated database space is used up. The user must carry out the following steps to clear the database for visualizing newer files.

Step1- Navigate to 'Database' page.

Step 2- Click Erase database button.

ELECTRONICALLY STORED DOCUMENT			
Originator:	Sheeja Thankamani	Revision No:	1.0.2
Product:	Eurotherm Data Reviewer		
Eurotherm Data Reviewer V1.0.x Read me			
EUROTHERM by SCHNEIDER ELECTRIC		Document No:	HA033274
© Copyright Eurotherm Limited 2018			Sheet 12 of 18



7.5 How to enable https setting for Eurotherm Data Reviewer

Step 1 - Navigate to 'Database' → 'Server Config' page.

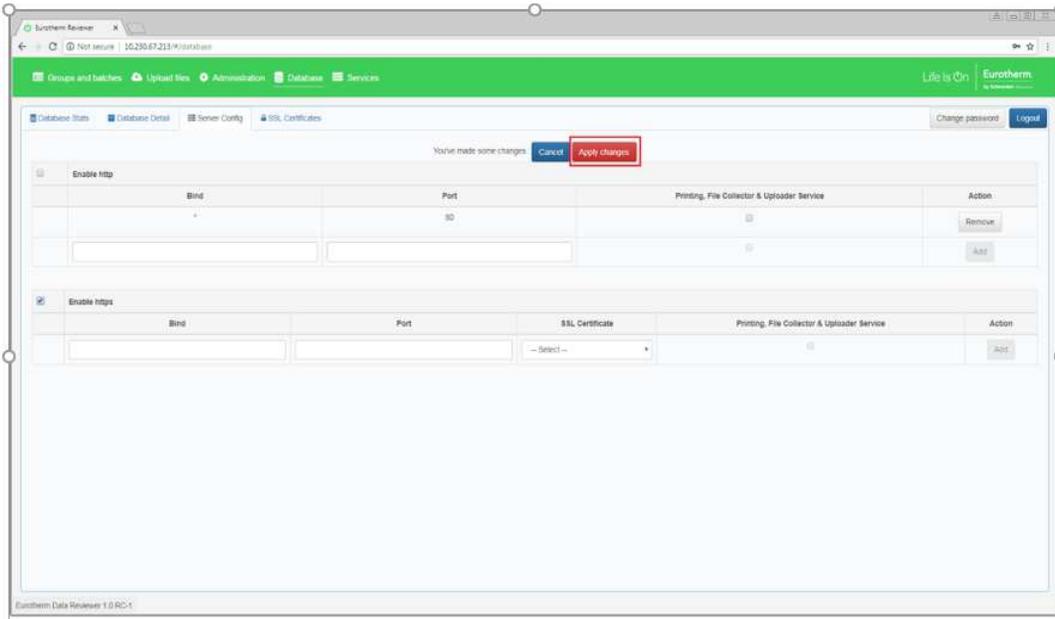
Step 2 - Uncheck 'Enable http'.

Note: http is enabled by default and must be unchecked to enable https.

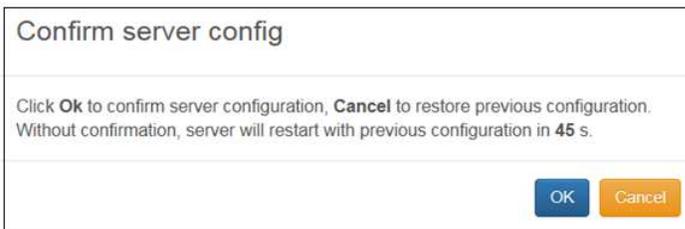
Step 3 - Check 'Enable https', Select a required available port, select a valid SSL certificate, check the box for **Printing, File collector and Uploader Service** and click **Add** button.

Step 4 - Click **Apply changes** button.

ELECTRONICALLY STORED DOCUMENT					
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me	
Product:	Eurotherm Data Reviewer				
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	
© Copyright Eurotherm Limited 2018				HA033274	Sheet 13 of 18



Step 5 – Click **OK** when the Confirm Server config dialog is shown.



Note: If the user does not click OK within 60 seconds the changes will be reverted.

7.6 Ports used by Eurotherm Data Reviewer

The below listed ports are used by Eurotherm Data Reviewer and associated components:

- Elasticsearch runs on TCP port 9200; the Reviewer Service requires access to this TCP port. For maximum security, this TCP port should be closed to external resources.
- Reviewer Website runs on TCP port 80 by default and is user configurable.
- For https operation Reviewer TCP port 443 needs to be opened and is user configurable.
- Reviewer services defaults to TCP port 8086 and is user configurable.

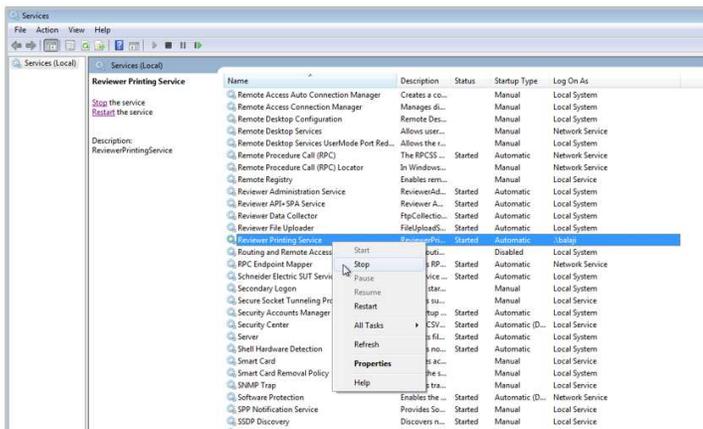
ELECTRONICALLY STORED DOCUMENT						
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me		
Product:	Eurotherm Data Reviewer					
EUROTHERM by SCHNEIDER ELECTRIC				Document No:	HA033274	Sheet 14 of 18
© Copyright Eurotherm Limited 2018						

7.7 How to Setup Printers in Eurotherm Data Reviewer

Step 1 – Confirm the PC has access to Local / Network Printers and can print to a printer.

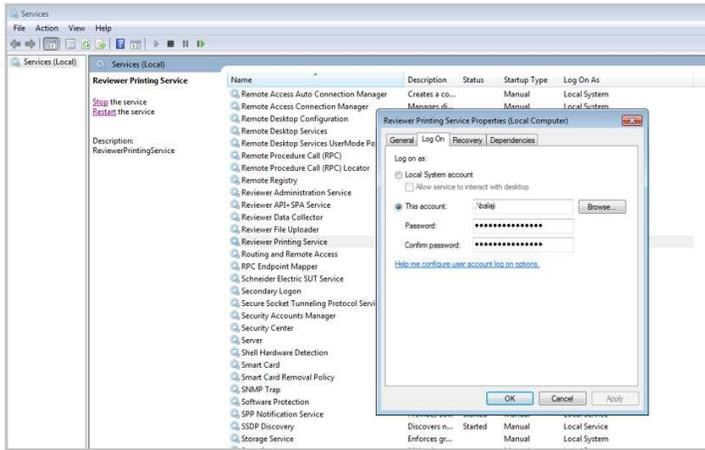


Step 2 – Navigate to services through Start→Control Panel→Administrative Tools→ Services.

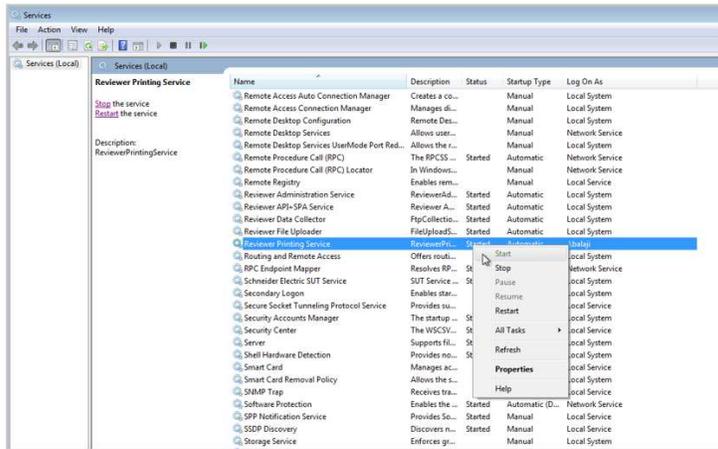


Step3- Once the service is stopped double click on the service, navigate to the second tab “Log On” and enter user ID and password, click “Apply” and then click OK.

ELECTRONICALLY STORED DOCUMENT				
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me
Product:	Eurotherm Data Reviewer			
EUROTHERM by SCHNEIDER ELECTRIC				Document No: HA033274 Sheet 15 of 18
© Copyright Eurotherm Limited 2018				



Step 4 - Click the “Reviewer Printing Service” again and Start the service.

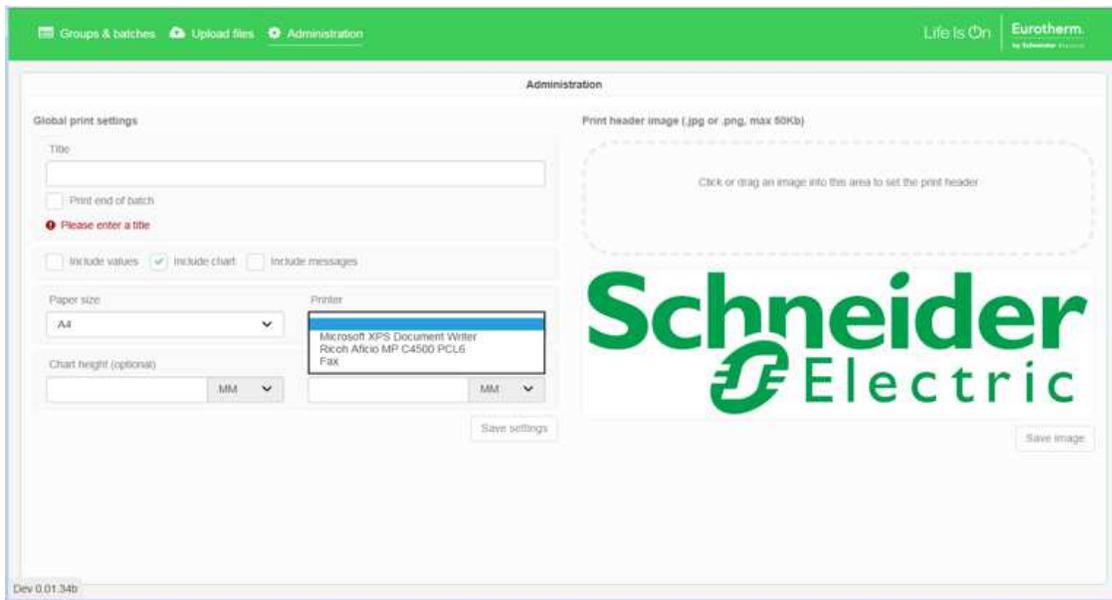


Step 5- Launch “Reviewer Services” application -> Printer Management -> Select the Printer you would like to send print job and click **Apply**.

ELECTRONICALLY STORED DOCUMENT				
Originator:	Sheeja Thankamani	Revision No:	1.0.2	Eurotherm Data Reviewer V1.0.x Read me
Product:	Eurotherm Data Reviewer			
EUROTHERM by SCHNEIDER ELECTRIC				Document No: HA033274 Sheet 16 of 18
© Copyright Eurotherm Limited 2018				



Step 6- Launch Data Reviewer -> Administration Page. All configured printers will be seen in the Printer drop down list.



ELECTRONICALLY STORED DOCUMENT			
Originator:	Sheeja Thankamani	Revision No:	1.0.2
Product:	Eurotherm Data Reviewer		
EUROTHERM by SCHNEIDER ELECTRIC		Document No:	HA033274
© Copyright Eurotherm Limited 2018			Sheet 17 of 18

8. OPEN SOURCE SOFTWARE

Open source software used for this product is protected by the copyright as described in the links below. Schneider Electric would like to make the user aware that it is required to comply with all the requirements in the associated licenses which you should read by visiting the attached links and Schneider Electric shall not be liable for your failure to do so whatsoever.

License Name	License Detail
libjpeg	http://en.wikipedia.org/wiki/Libjpeg
Public Domain	http://en.wikipedia.org/wiki/Public_domain
Libpng	http://libpng.org/pub/png/src/libpng-LICENSE.txt
Boost	http://www.boost.org/users/license.html
Gsoap	http://www.cs.fsu.edu/~engelen/soaplicense.html
BSD	http://www.linfo.org/bsdlicense.html
Oracle-javase	http://www.oracle.com/technetwork/java/javase/terms/license/index.html
Unicode	http://www.unicode.org/copyright.html#License
Zlib	http://zlib.net/zlib_license.html
CDDL	https://opensource.org/licenses/CDDL-1.0
MIT	https://opensource.org/licenses/MIT
Apache	https://www.apache.org/licenses/
LGPL	https://www.gnu.org/copyleft/lesser.html
GPL	https://www.gnu.org/licenses/gpl.html
DOTNET	https://www.microsoft.com/net/dotnet_library_license.htm
MS-ASPNET	https://www.microsoft.com/web/webpi/eula/aspnet_and_web_tools_2012_2_rtw_eula_enu.htm
MPL	https://www.mozilla.org/en-US/MPL/
Openssl	https://www.openssl.org/source/license.html

ELECTRONICALLY STORED DOCUMENT			
Originator:	Sheeja Thankamani	Revision No:	1.0.2
Product:	Eurotherm Data Reviewer		
EUROTHERM by SCHNEIDER ELECTRIC		Eurotherm Data Reviewer V1.0.x Read me	
© Copyright Eurotherm Limited 2018		Document No:	HA033274
			Sheet 18 of 18