ENGINEERING TOMORROW

User Guide

Danfoss Remote Management Tool

RMT

Version 4.x

ADAP-KOOL® Refrigeration Control System

Document history

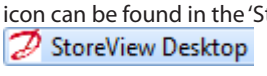
Document	Notes
USCO.PI.R1.D1.02	First document release (based on version 3.0 RMT)
USCO.PI.R1.D3.02	Updated for AK-SM 850
USCO.PI.R1.D4.02	Updated 'Using the graphics editor' section with recommended screen resolution
USCO.PI.R1.D5.02	Added Auto Alarm collection
USCO.PI.R1.D6.02	Updated screens

Contents

Introduction

The Remote Management Tool (RMT) is a PC software application that provides several useful functions in support of the Danfoss front ends (AK-SM 800 and AK-SM 850):

- **Offline Web Programming** - Launch a web simulator to allow full offline Front End database programming. The user interface is identical to actually being connected via the internet and navigating through the system.
- **Program Simulation** - From within a web browser session, simulate the configured program in an offline environment prior to real time commissioning of the system. The program can be saved and later transmitted to the Front End .
- **System Graphics** – Manage custom images (Jpeg & bit map), allowing you to map system data points to these images, providing graphical overviews of your site, both on the Front End local and Web screens.
- **File management** - Connect remotely, load and access system files and software
- **Address Book** - Save all of your remote sites details to allow for one click connections
- **Software management** - Load databases to the remote Front End , save the database from the site, or update the software version/application in the remote site.
- **StoreView Desktop** - When installing the RMT, you can opt to add the StoreView Desktop application. This is simply a desktop application, which when opened allows the user to enter an IP address and make a quick connect to a store. This application is typically used on dedicated store PC's or where slow network connections are found. It also includes an address book to save multiple site addresses. Once installed, the StoreView Desktop icon can be found in the 'Start' / 'All programs'



System Requirements

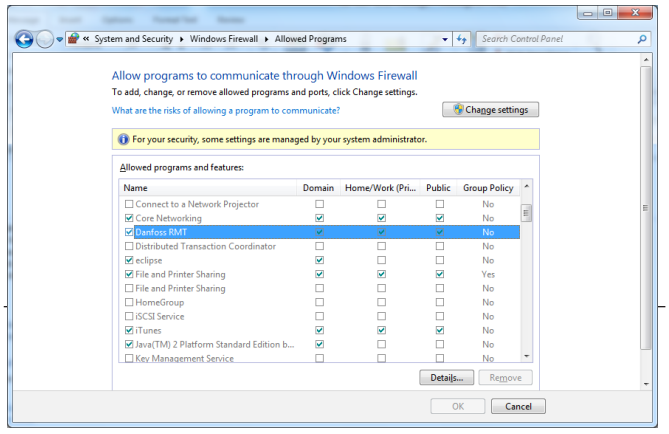
RMT version 3.0 and newer requires minimum, a PC running Windows XP, Vista or Windows 7 with a minimum of 1GHz or faster processor, 512MB of RAM. Screen resolution 1200*900 minimum is suggested.
Note: Depending on PC security configuration, you may have to run the RMT under '**Administrator**' mode.

Installation Requirements

The RMT software requires Adobe AIR ™ environment. Download and install the free Adobe AIR ™ application (www.adobe.com/products/air) before loading RMT.

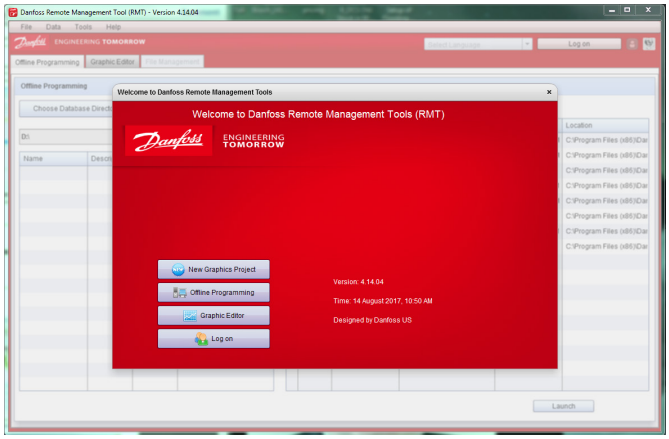
Load the Danfoss RMT application and follow installation steps Run the RMT application on your PC and check for correct installation.

Note that some PC's will require fire wall changes in order to allow RMT data exchange. If connection issues occur please check and define your fire wall as shown below.



Logging on to the Front End with RMT

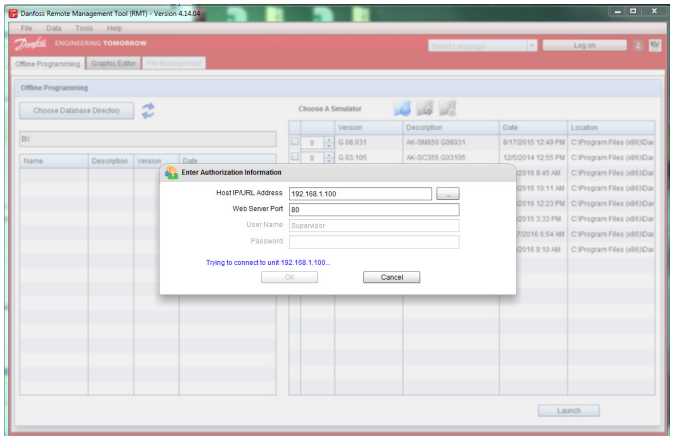
Shown here is the RMT 'Welcome' screen that appears once you start the program. You can select not to show this screen the next time if desired. Alternatively you can show this screen again by using the 'Help' drop down box at the top.



Making a connection to your Front End allows various functions to become available. In order to remotely save, load software or databases you will need to connect (log on) to the Front End. In addition, any custom images required for Front End display will also require a log on connection.

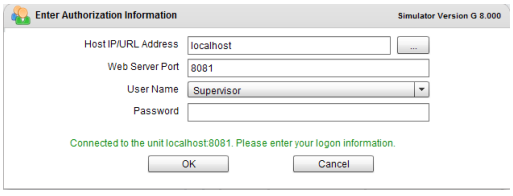
TIP! You can connect to both a physical Front End in a store or a simulated Front End which is running on your PC. For units connected to an IP connection, enter the valid IP address for the unit in question. If you are running an offline programming session (simulated databases) you will need to use the URL 'localhost' and the port which reflects the simulator (i.e.8081).

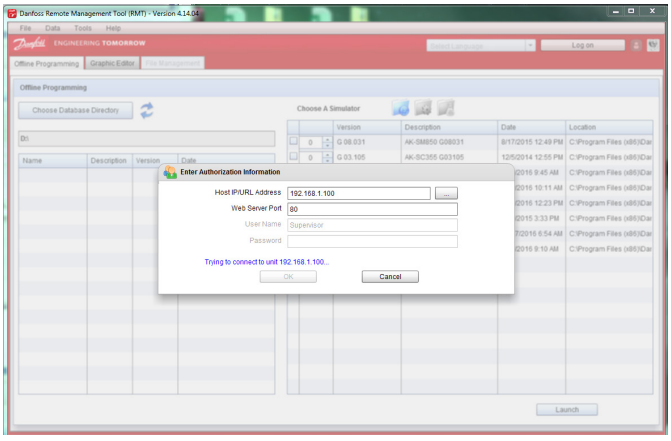
Click the 'Log On' button on the 'Welcome' screen and you are then presented with the view as seen where you enter the Authorization Information.



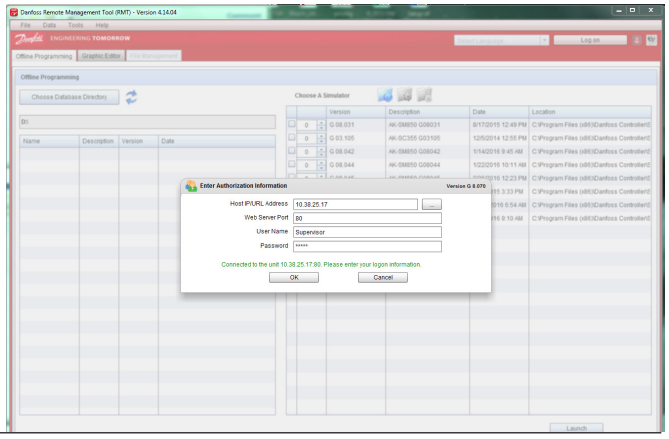
> Host IP/URL = Front End IP Address.
> The last address you entered here will be retained.
>
> Web Server Port 80 is factory standard.
>
> User Name (Factory Default) = '**Supervisor**'
>
> Password (Default) = '**12345**'

Notice that RMT attempts to establish contact with the system immediately after you enter the IP address. Click in any of the fields to force RMT to refresh the connection. If working with offline programming the URL will be localhost and the web port will be 8081 (see below for example).



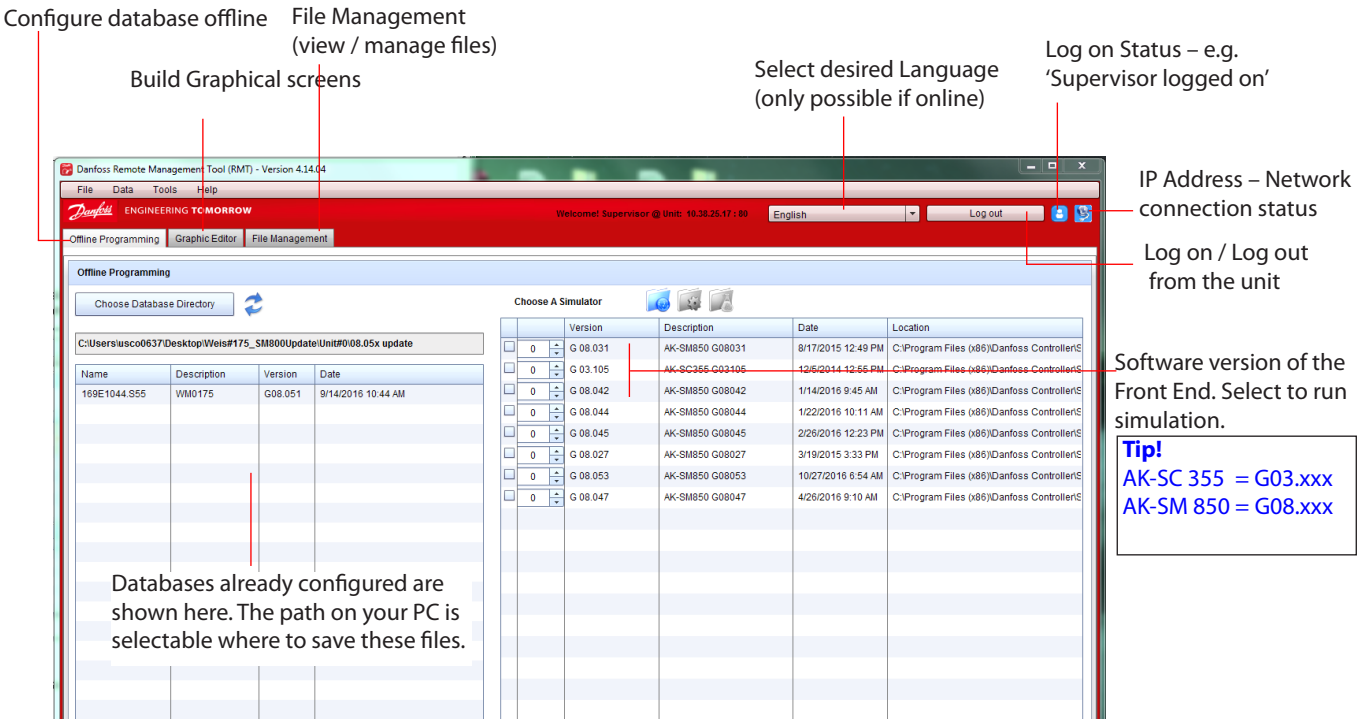


Notice the error message if the connection to the unit fails. Re-check the IP address or the Ethernet connections and settings in your 'front end .

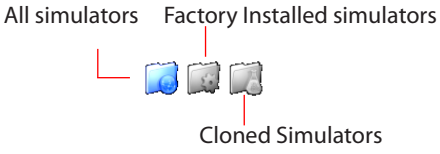


Here, a correct IP address was entered and the communication has now been established. Enter the log on information (user name and password) and press 'OK'.

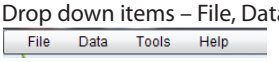
RMT Overview



'From time to time beta simulators will be issued by the Danfoss factory, in accordance with product development. Use the 'Cloned Simulators' folder to add these simulators.'

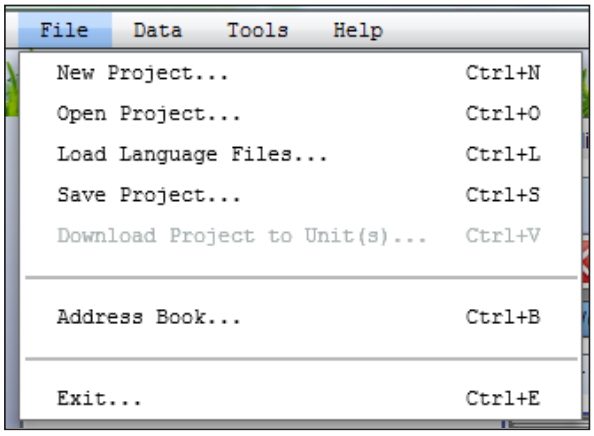


Drop down items – File, Data, Tools, Help



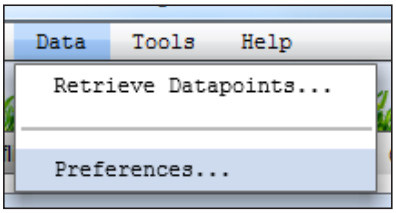
File

New project – open up files to create a new graphical overview
Open project – select from previously configured projects to edit.
Load Language files – send altered language files from RMT to the Front End
Save project – save your changes to an existing or new project.
Download projects to unit – send project files from RMT to the Front End
Address Book – edit your list of installed front end systems for easy connections.
Exit – exit RMT program

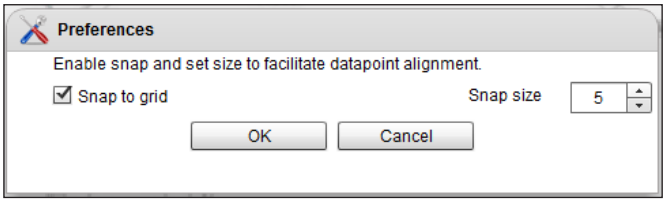


Data

Retrieve Data points – Used when creating graphical layouts, pulls back all inputs and parameters from attached modules and controllers. These will then be available from a list to select from when configuring your graphical overviews

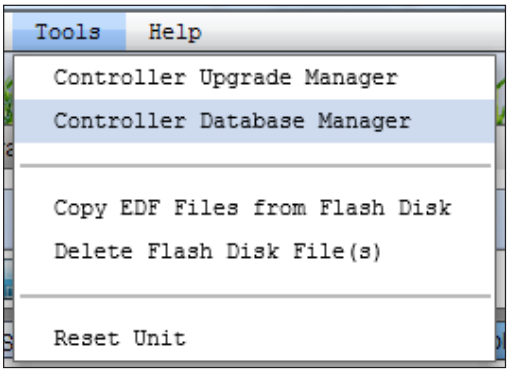


Preferences – Used for mapping datapoints in the custom graphics. 'snap size' alignment preference.



Tools (available once logged in)

Controller Upgrade Manager - used to update the 'firmware' installed in the Front End . Best to always pull back the database before a firmware upgrade.
Controller Database Manager - transmit a database to the Front End , or upload a copy from the 'front end to your PC.
Copy EDF files from flash disk – used for viewing all EDF and device files which are currently installed in the 'front end .
Delete flash disk files – once viewing of EDF and device files is completed, you can then remove them from the flash disk. This does not remove them from the front end file system, only from the viewable flash drive.
Reset Unit - After transmitting EDF and device files from your PC to the 'front end, it requires a reset



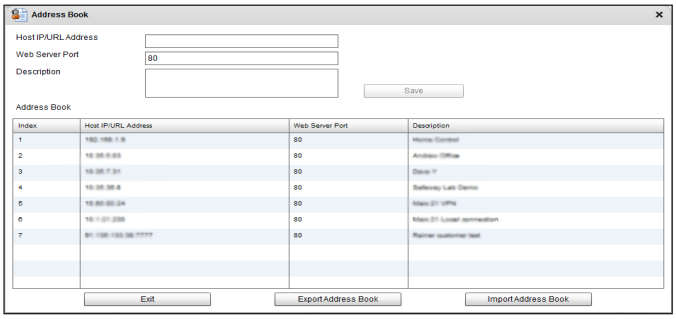
Help

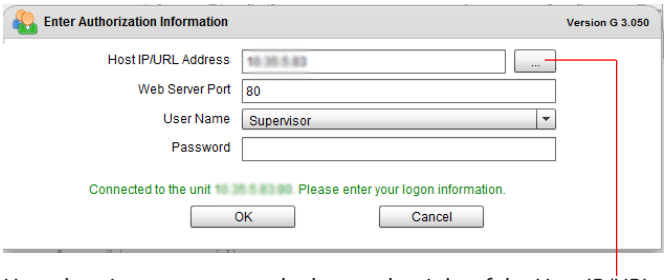
Show Welcome screen – Presents the welcome screen (as shown on page 3)
About Danfoss RMT – Version /Date information for this copy of the RMT program.

Address Book

Keep all of your known sites in the Address Book for easy access and connection:
Enter the IP address of the controller.
Web Port – default = 80
Description – free text, can be used to describe or name of the remote site.
Export / Import Address Book – to share or copy to other PC's using RMT.

The exported address book can be then later used by StoreView Desktop application.





Upon logging on, press on the box to the right of the Host IP/URL Address which presents the Address Book from where you can select from your programmed list of sites.

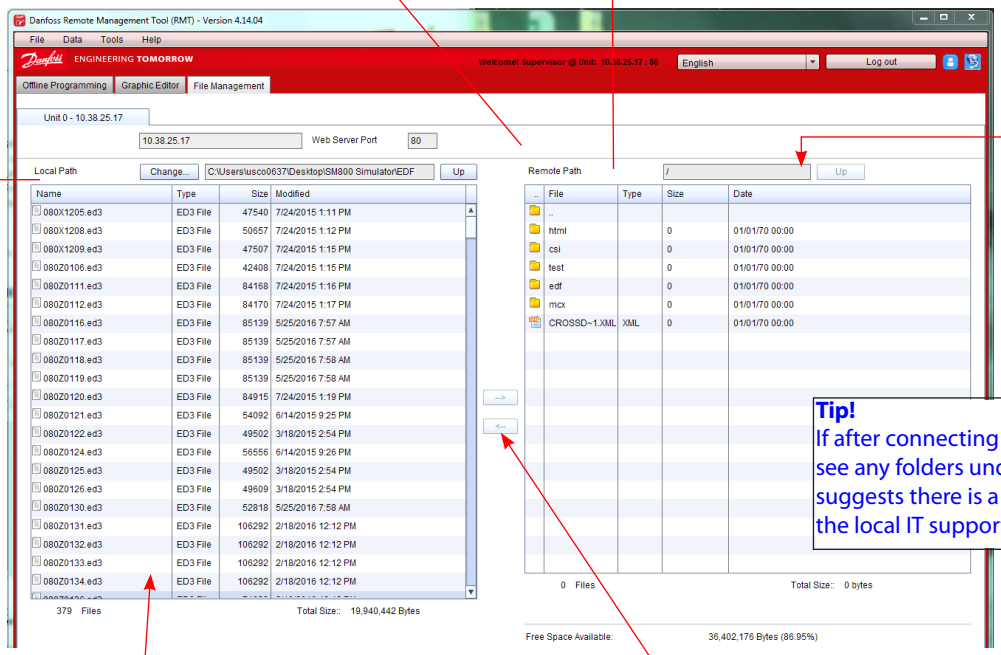
File Management

The RMT Tool offers support for remote file management. Under the 'Tools' drop down menu different options are available for different file type transfer.
When used in conjunction with AK-SM 800 version 08.066 and higher, RMT Version 4.14.04 will utilize HTTP as a method for file transfer. The use of HTTP on qualified AK-SM 800 units is transparent to the user. Active FTP is available as a secondary option.

Local PC

FTP Connection status

Remote Path – (Front End)



Remote front end Path = 'E'

Double-click on the folder you wish to view

Tip!
If after connecting to the front end, you cannot see any folders under the remote path, it suggests there is a firewall issue. Check with the local IT support / local PC firewall settings

The PC's local path shown here is a directory containing EDF files.

--> To download files from PC to Front End

<-- To upload files from the Front End to PC.

The 'edf' folder – contains all EDF's / ED3's and device list files which have already been loaded into the front end

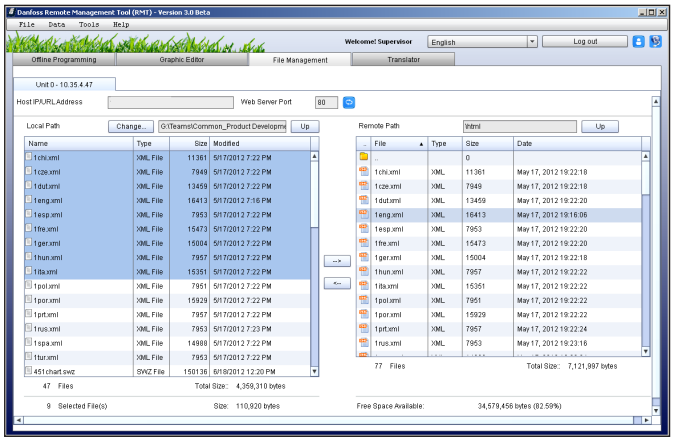
The 'html' folder – contains the web browser application files

The 'test' and 'csi' folders are for development use only.

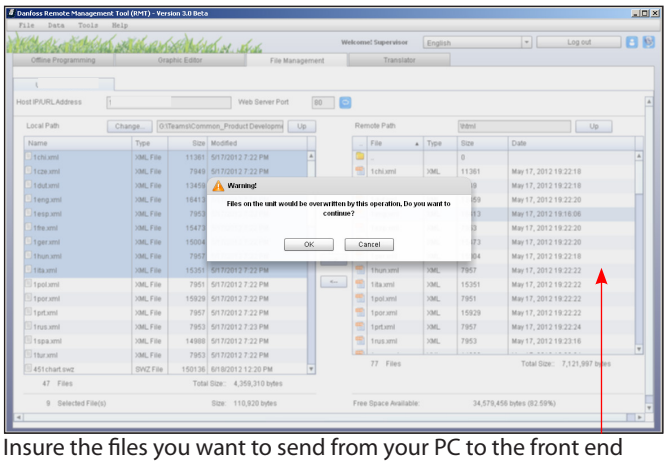
Transferring HTML / Web files from your PC to the Front End HTML folder

Your Front End comes pre-installed with all available web support files. If there is a requirement to update, add or remove, please refer to the following section.

From the file management tab, double click on the HTML folder (remote path – front end file system) and you will now see its contents. On the local path (left side) notice that the view was changed to a folder containing front end web files

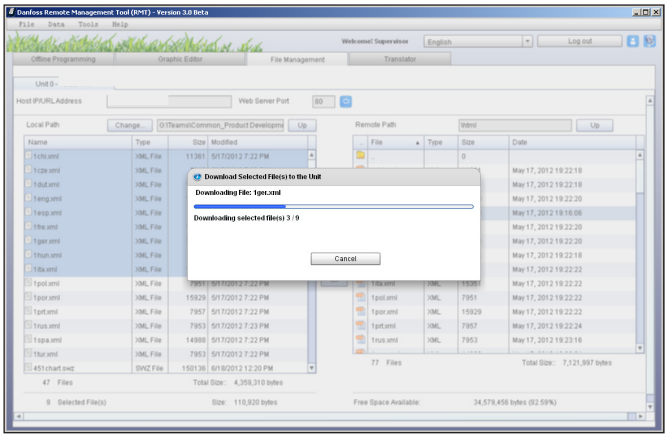


As shown, highlight the files you wish to transfer from your PC to the front end file folder 'HTML', then hit the right arrow in the centre of the screen or right click your mouse on the highlighted files. Press the 'ok' button on the pop up box to proceed. (or cancel, to terminate the process)

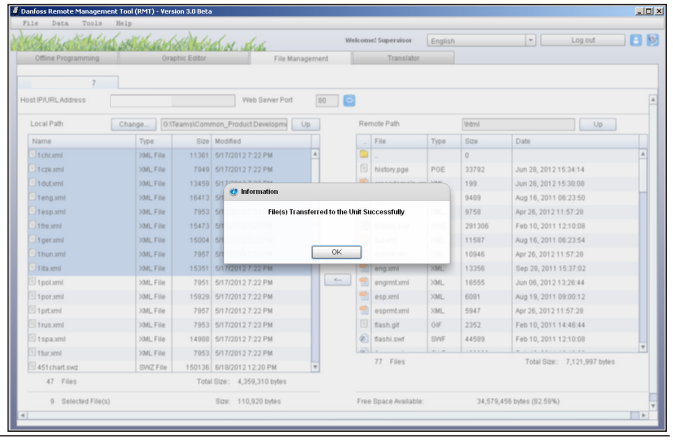


Insure the files you want to send from your PC to the front end are ok to be overwritten in the 'front end . (Meaning, the files being sent are newer)

Progress is displayed.

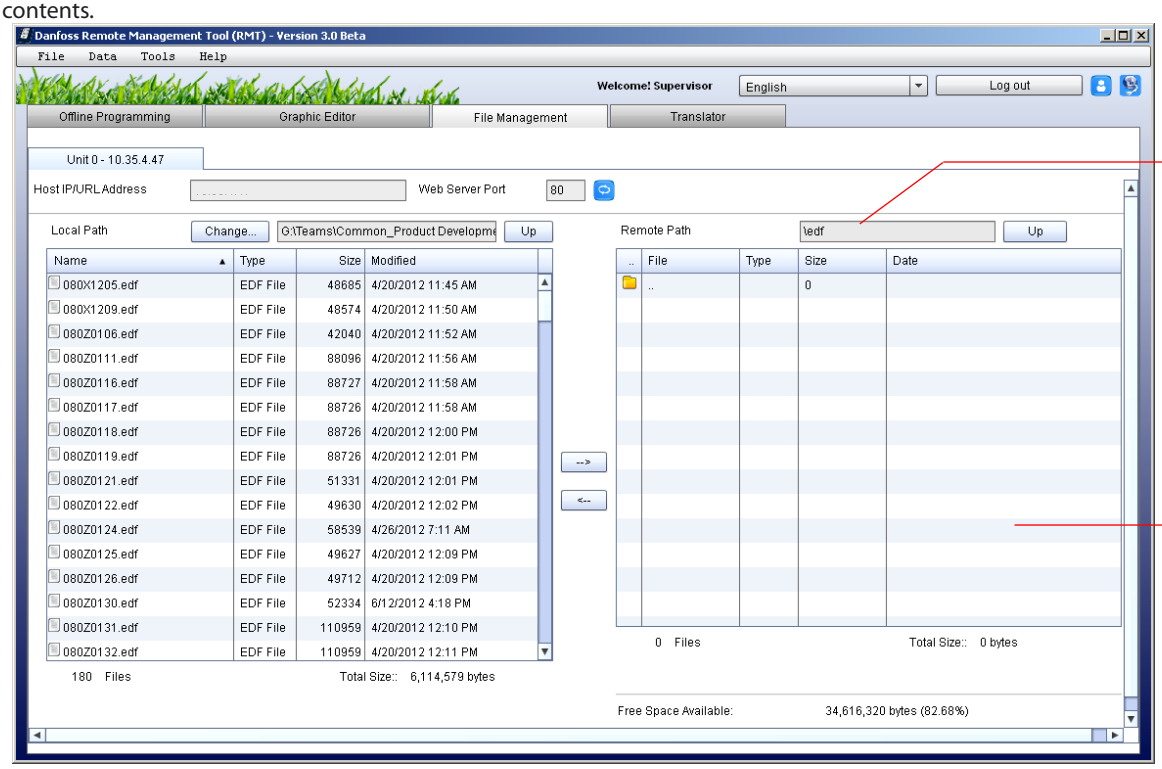


Transfer complete



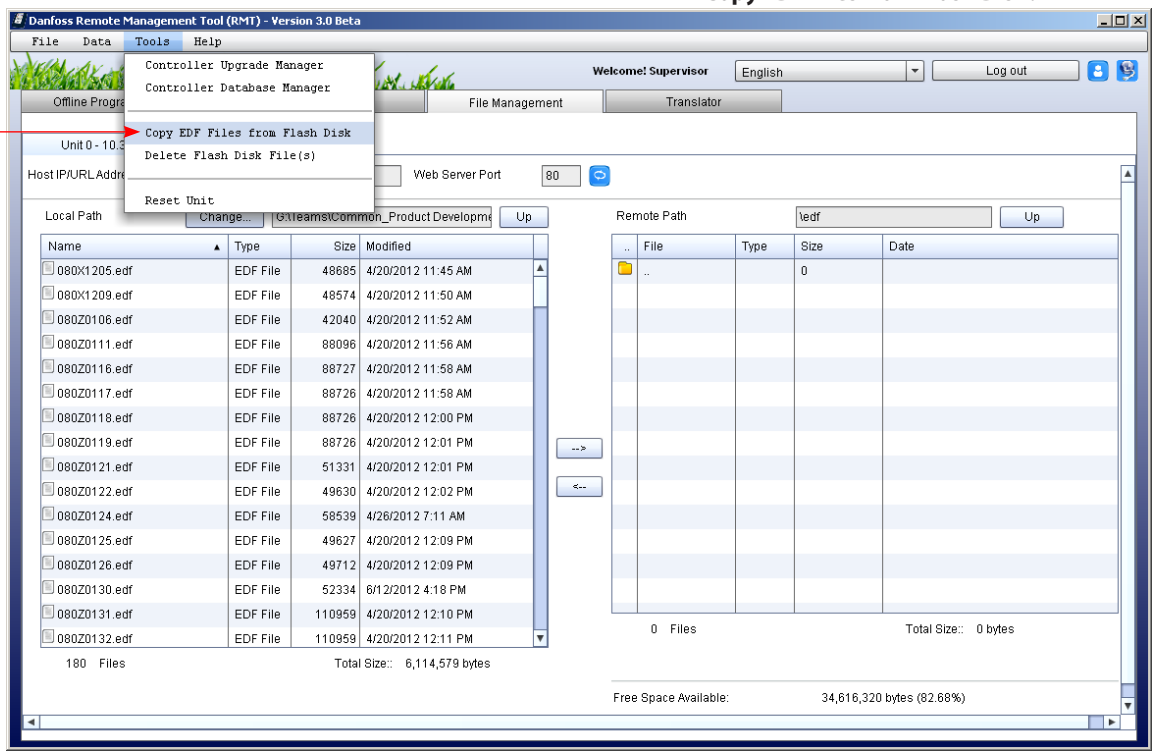
Transferring EDF and device.lst files from your PC to the front end EDF folder

Your Front End comes pre-installed with all available controller support files. If there is a requirement to update, add or remove, please refer to the following section.
From the file management tab, double click on the edf folder (remote path – front end file system) and you will now see its contents.

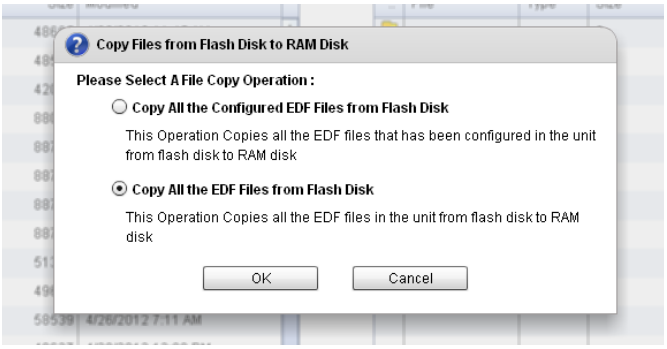


Remote path now is the EDF folder

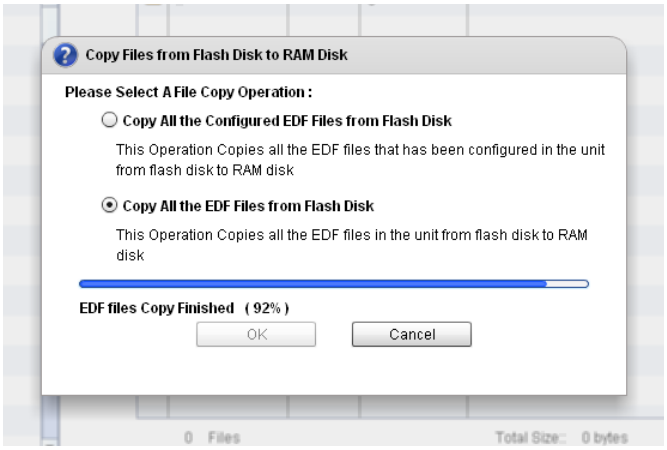
Here, the local path was changed so now in view are the EDF files in the front end. Also, on the right, the user clicked on the EDF folder. However, you'll notice that the EDF folder is empty for the front end. In order to conserve memory allocation the user will need to navigate up to the Tools menu and select the option **'Copy EDF Files from Flash Disk'.**



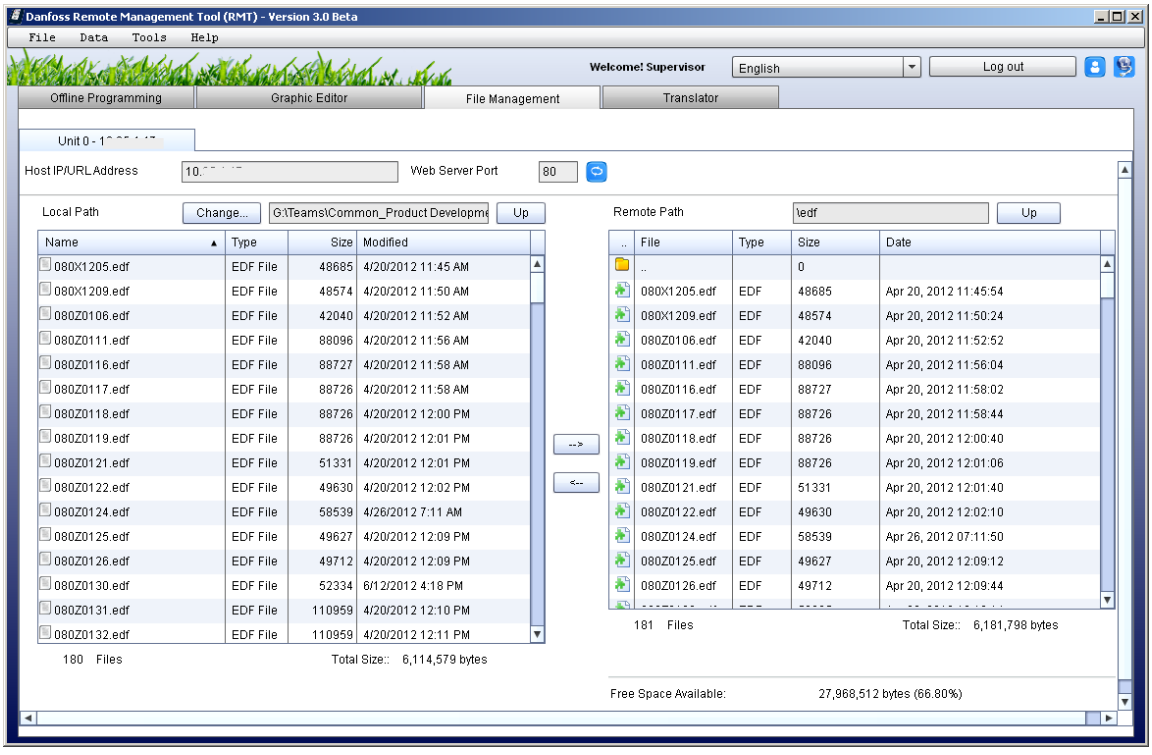
In order to conserve memory allocation the user will need to navigate up to the Tools menu and select the option **'Copy EDF Files from Flash Disk'.**
'Copy All of the configured EDF files from Flash disk '– only copies the EDF's which are currently in use in this unit.
'Copy all of the EDF's from Flash disk '– copies all EDF files that are resident out to the view folder. This selection is more commonly used.



Progress bar of the EDF files being copied



File copy completed



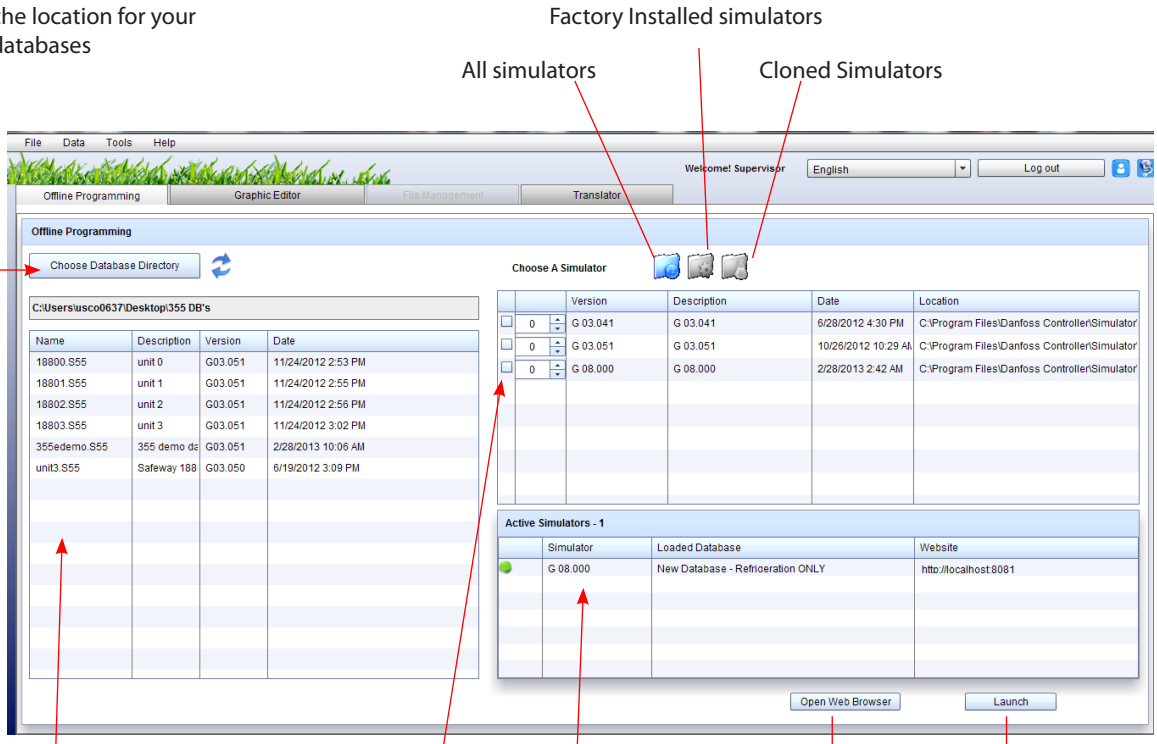
Files can now be seen in the EDF folder.
To transfer EDF files or device list from the PC to the front end , simply highlight the files on the local path and click on the right arrow in the centre. Files will now be copied.
Note: After loading EDF's or device list files, the front end must be reset. Once the reset is completed, the files will be stored in the flash memory of the unit, but again won't be visible until another copy command is performed as shown earlier from the Tools menu. (There is no need to reset the front end after loading web/ html files however.)

There may be rare instances where the front end has newer EDF files than the local PC. In this case, use the left arrow in the center of the screen to 'upload' the files from the front end to the PC.

Offline Programming

When working with web enabled controller products it is often difficult to perform offline programming as a physical server / client connection typically needs to be made. The Offline programming feature in RMT allows the user to fully program an Front End database offline, without the need to be connected to a physical Front End unit. This offers major benefits as offline programming can typically save commissioning time and adds significant convenience to the commissioning process. The Offline programming feature is facilitated by built in simulators, which serve the Front End web environment. The following section highlights the main elements to offline programming and describes the process in launching and managing offline web environments.

Offline programming tab



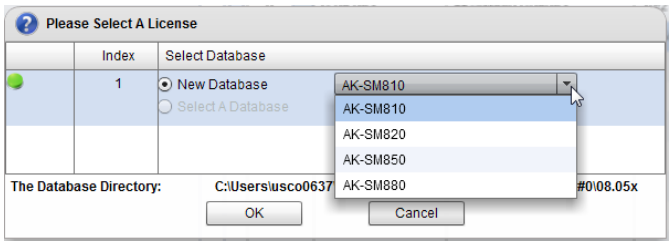
This section will describe how to open an offline web environment, to facilitate the programming of your Front End database. Once your database has been configured it will be saved for later deployment in the Front End , thus saving time on site during the commissioning phase.

1/ Select a suitable simulator version. Typically, each new Front End software update will also include an RMT update, which adds the new simulator engine for that particular release version. Be sure to use the correct version of simulator that matches the actual Front End software version on site. Select the simulator version by clicking on the small box to the left. Notice that the '0' in the box to the immediate right will change to '1', which denotes that 1 simulator was chosen for that version.

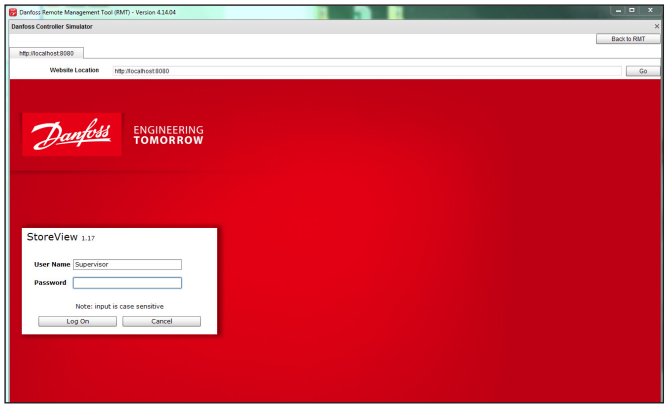
2/ Right click this line or press the 'Launch' button to start the offline web environment

Note that depending on your PC configuration, Windows may issue a Security alert. Press the Unblock button to continue.

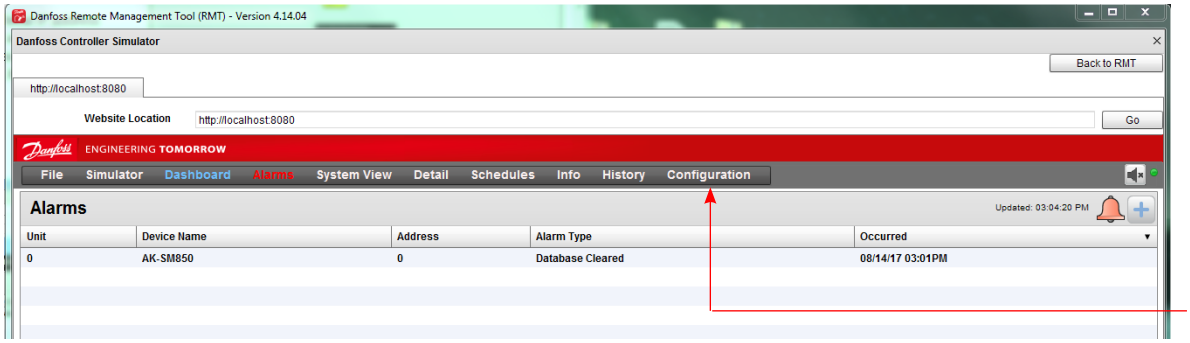
Multiple simulators can be launched in one session. When you press Launch button, a pop-up box is presented in order to pick the required 'License' type or to select an existing database. A 'new database' presents a factory default 'empty' configuration, which is identical to the 'out of the box' state.



3/ Enter the User Name 'Supervisor' and Password '12345' to 'log in' and commence programming via the offline web browser.
The simulator version will be displayed in the upper section of the web browser. Continue to program your Front End database as if you were connected to a live system.

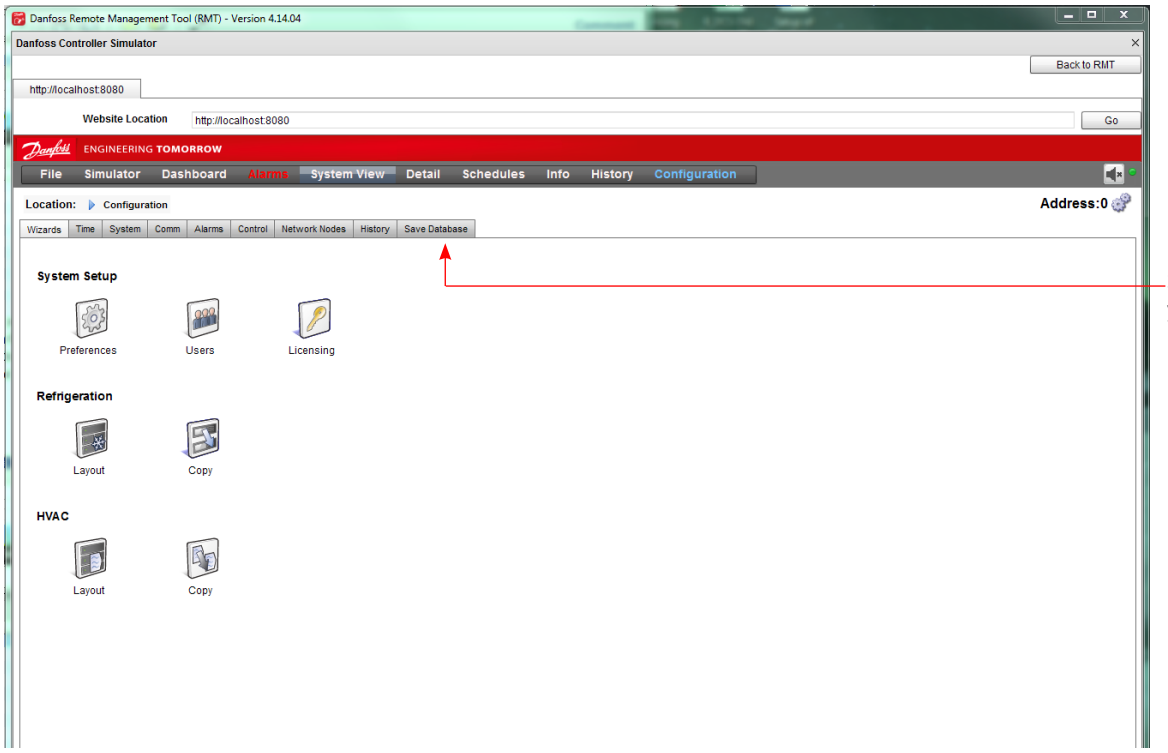


Note: that when running offline simulators the local IP address will be shown as 'localhost', meaning your PC is acting as the web server. If multiple simulators are running each will be differentiated by a differing web port (i.e. 8081, 8082, 8083..)



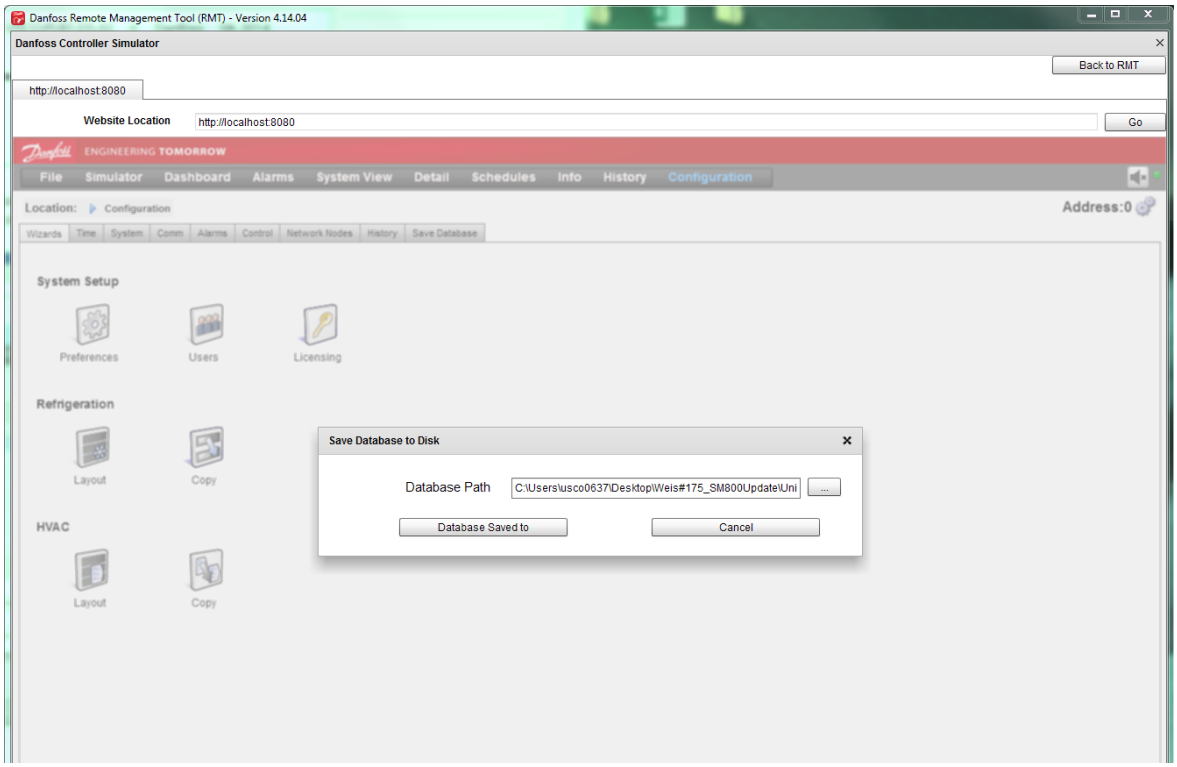
Upon entry to the offline simulator, you are first presented with this screen showing an active alarm for 'Database Cleared'. This is simply a default status before a 'store name' is programmed in Configuration- System –'Store Name'.

Click on the **Configuration** tab

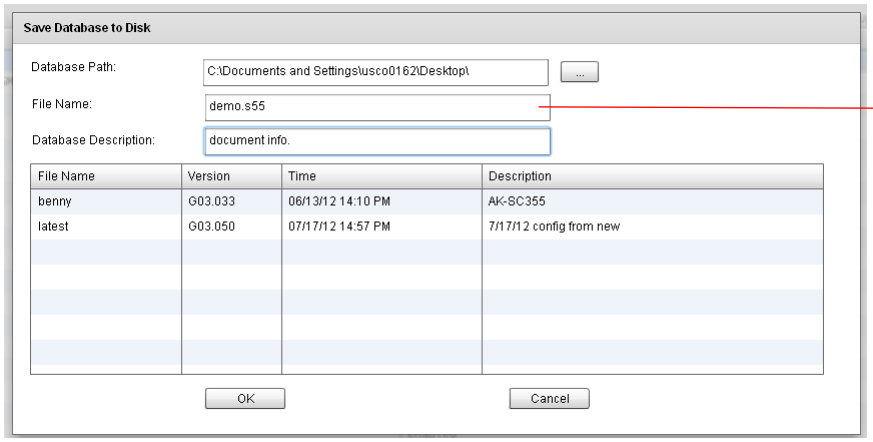


Now, using the tabs under configuration, you are able to fully configure your 'front end program 'offline'.
Please refer to the Front End User Guide for complete details on configuring your system.

You can save the program to your PC either to resume later or upon completion. Click on 'Save Database', as shown in previous screen.

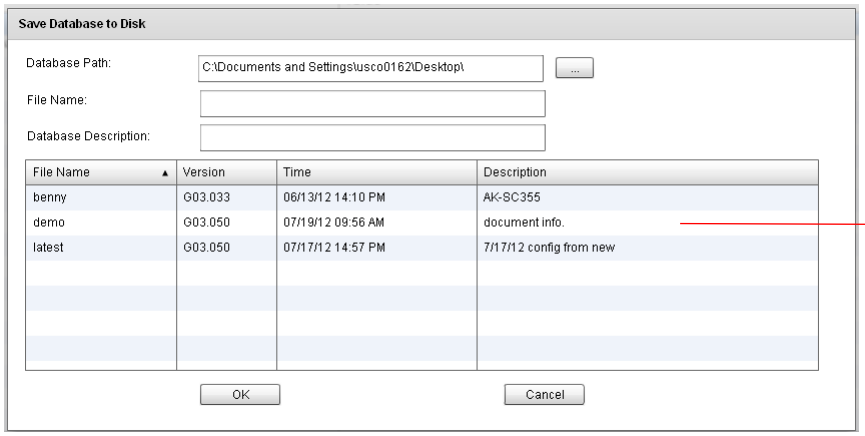


Verify the desired location to save the database is correct. Use the right hand box to change the path.



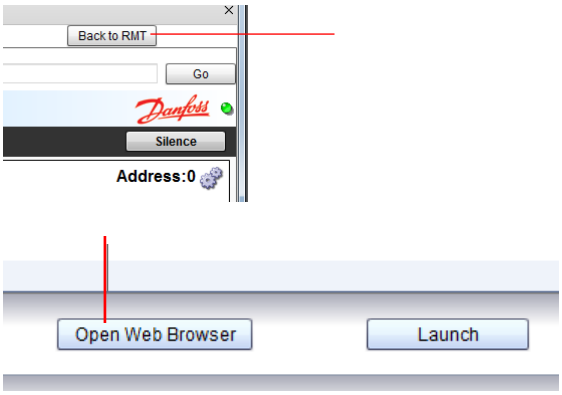
The name of the file must have the extension '.S55' and be 8 characters or less

Once saved, this database will be shown in the list with the other already saved databases, since the path selected for all were the same.



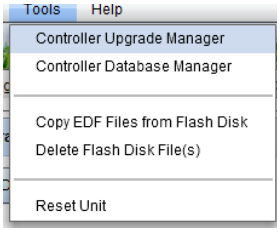
Note: Multiple simulator instances can run at the same time. If you have launched multiple simulators of the same version you will see a consolidated web view (known as 'Store view'). In order to configure each simulator, simply select the appropriate unit from the drop down list (see below)

If at any time you wish to return to the RMT environment, click the 'Back to RMT' button. Conversely, if you wish to return to the web simulation, click the 'Open Web browser' button



Front End Database management

(Controller Upgrade Manager)
When selecting the Upgrade Manager from the 'Tools' drop down menu, a 2- step wizard will be presented.
The first step is to provide a valid IP/URL address. Pressing the connect button will perform a pre-upgrade check, ensuring hardware, device status and factory fail safe are all valid.

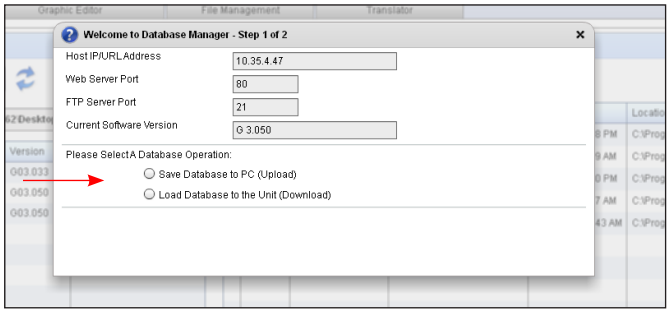


Step 2 is to load the new firmware. A recommended option prior to upgrading the firmware is to backup the current system database. Use the check box to initiate this feature.

Note: By default, if the RMT detects AK-SM 800 version 08.066 or above, HTTP file transfer will be used. If RMT detects an older version of AK-SM 800 s/w version, active FTP will automatically be used as the file transport method

(Controller Database Manager)
Your Front End has a database that contains all configuration and application settings. Using either a USB Flash drive or the RMT tool you can save or load a front end database. A typical example would be where an offline database has been configured and saved. This database then needs to be loaded into a front end in the store in preparation for the commissioning phase. If a remote connection is available it is possible to load this database remotely.
The Controller Database Manager can be found under the Tools menu

The database manager allows for remote database save or load to your Front End unit. This example will describe how to load a database to a Front End unit. Before starting this process ensure you have logged onto your target Front End unit via the RMT.
Select Controller Database Manager

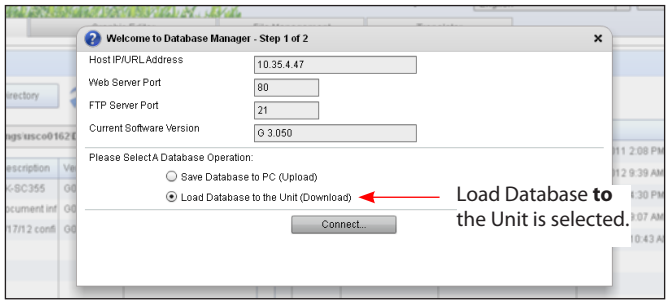


Select desired operation:

Loading Database from PC to the unit.

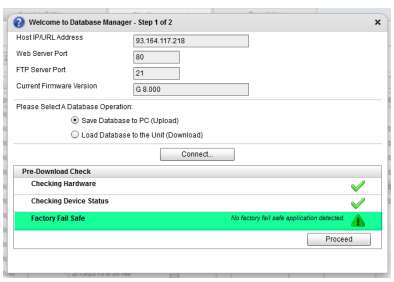
An automatic check is performed

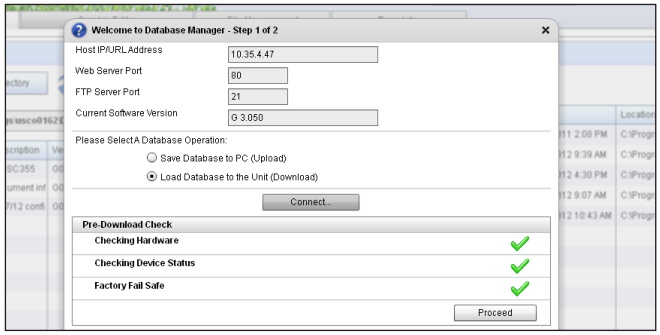
If your connected Front end already has a 'factory Fail Safe' application installed the line will have a green check mark. However, if the RMT tool detects that factory fail safe is not present it will issue a warning. Whilst the RMT does not block the continuation of loading database or software, the user should be aware that there is an increased risk of being unable to recover the system if a remote download gets corrupted or power fails during the process. Refer to the following section '***Remote Updating software***' for more details.



Once all green check marks appear, press 'Proceed'.

Example of RMT detecting no factory fail safe application code installed in front end



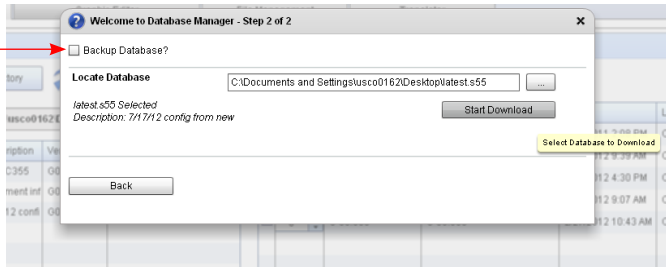


In the event of no FAI being detected the user action is a site visit to install FAI via a USB Flash drive (and any corresponding bootloader software).

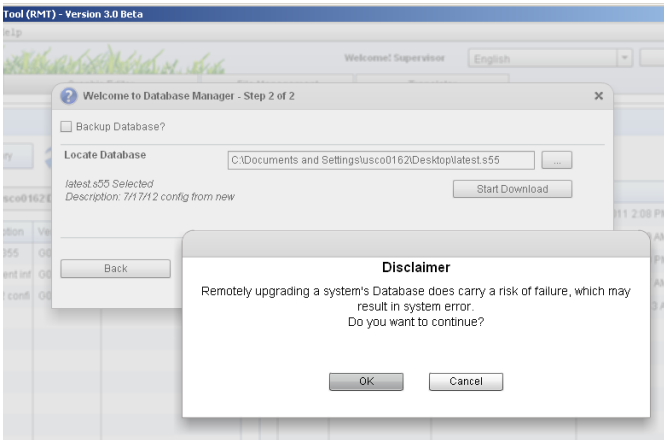
Use the option to save the database from the 'front end in order to update an older copy that is on your PC. This insures that a current back-up copy exists in case needed later.

Locate the database file on the PC to load to the unit.

Press 'Start Download'

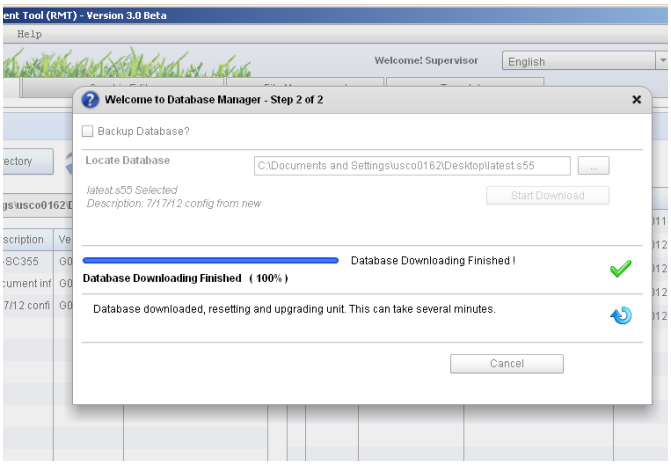


Press 'OK' to continue if disclaimer is accepted



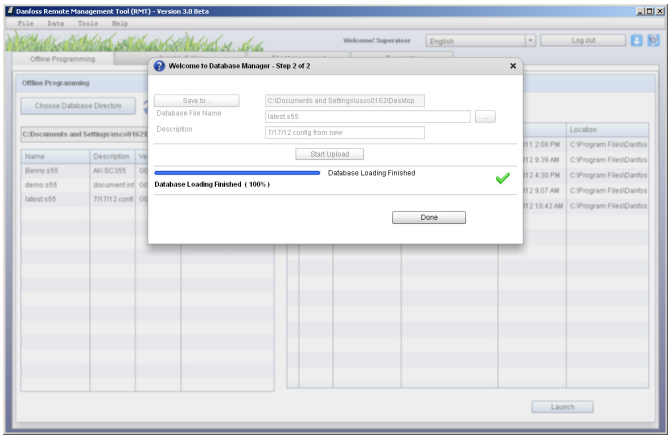
Once database download is done, the front end will now reset. This allows the process of updating the program to complete.

Note: Any new databse which contains different IP address configuraiton may break your connection to the front end. In addition, any change of user name and password will also be updated



Saving the database from the unit to your PC (Upload)
Use the option to save the database from the 'front end in order to update an older copy that is on your PC. This insures that a current back-up copy exists in case needed later.

Select the 'Save' option under Database Controller Manager and the process from there looks identical to the Download option.



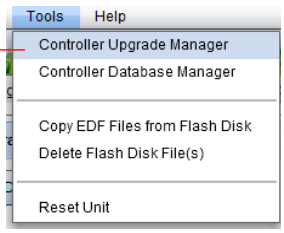
Remote Updating – Front End Software

Your Front End has the ability to be upgraded via USB flash drive or a remote connection and the RMT. The table below highlights the different file types and method for managing software updates.
Upgrading via remote offers several advantages, the obvious one being time saving. However, there is increased risk when preforming remote upgrades (i.e. quality of connectivity, power..). The FAI (Factory Application Image) software file contains special code designed to support remote software upgrades. The FAI file provides a 'fall back' state, if at any time a later remote upgrade fails or gets corrupted. Rather than leave a unit in a unstable state in the event of a corrupted remote upgrade, the factory image ensures you can always make contact to re-install code again. In addition, the FAI contains the MAI, which also contains all relevant web and EDF files. If your RMT connection detects no FAI is present, Danfoss recommends that the latest FAI (for your front end version) is installed.

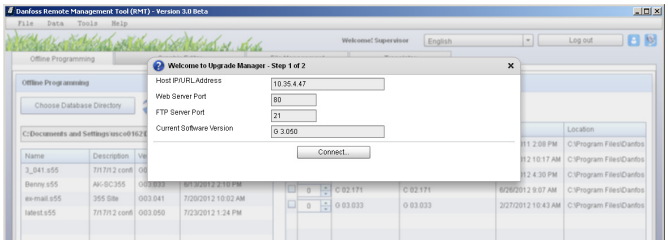
File type / Description	Method of loading
Boot.csi / Boot Loader file (required for system file management)	USB Flash drive only
CSI / Compressed Application Image code for your front end. Includes all system EDF files	USB Flash drive or RMT tool
MAI / Master Application Image code for your front end. Includes all firmware, EDF and Web files	USB or RMT tool
FAI / Factory Application Image. Includes factory fail safe code and MAI	USB

The FAI is a new software application, and may not be already present in your existing AK-SM 800. Danfoss recommends loading the latest FAI file for units which are known not to have FAI already installed. If upgrading the software on site, consider the use of the USB flash drive option. Application software can be loaded via the USB flash drive port.

The Controller upgrade manager can be found under the tools menu



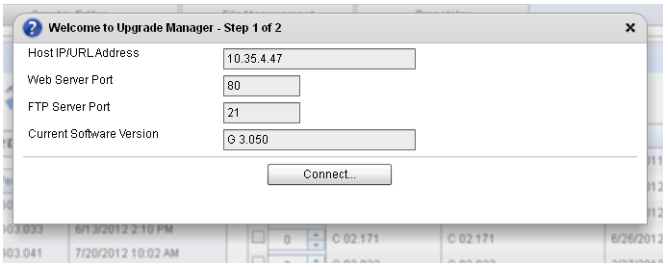
The Controller upgrade manager allows for remote software update. As previously described, the RMT will perform pre-checks and will validate the presence of the factory fail safe code (FAI).



Note: If updating the application using the 'csi file, you would still need to load any EDF or Web files separately using RMT's File Management. However, loading of the 'mai' file includes these so no separate steps required.

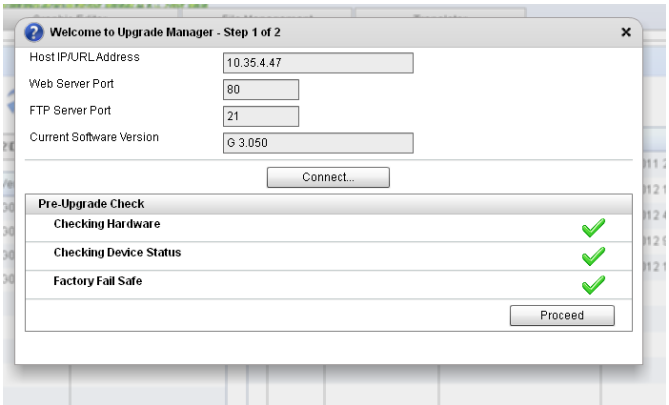
Use the following steps to update the front end unit:

- Under 'Tools', click on 'Controller Upgrade Manager' (not accessible unless logged in)

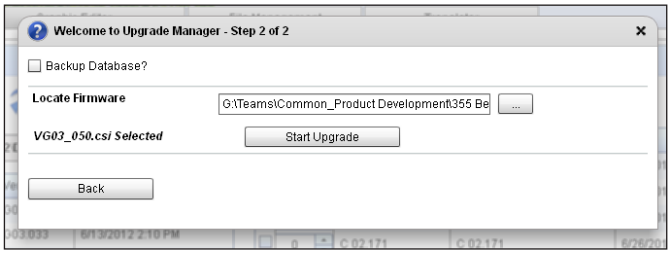


- The IP address, port info. and the current version installed is shown. Hit connect button.

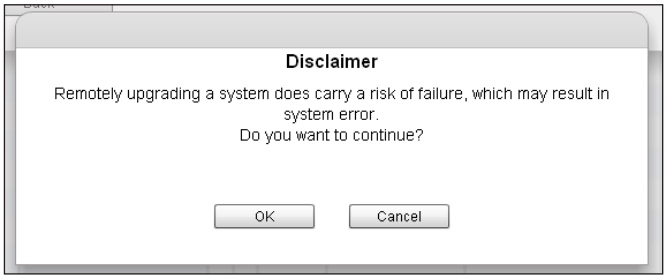
A Pre-Upgrade check is performed. Continue by clicking 'Proceed'.



Locate the folder where the software to be used is stored. Verify the version. Click 'Start Upgrade'. If you had not saved a copy of the current database, you may do so here by clicking on 'Backup Database?" This is always recommended when updating the system.



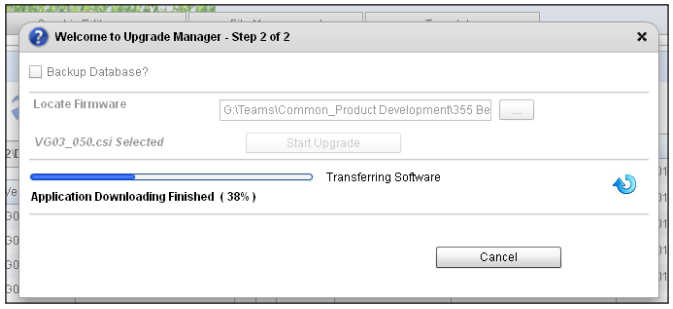
- Disclaimer – click OK to Proceed



Transferring Software – Progress bar shows percentage status

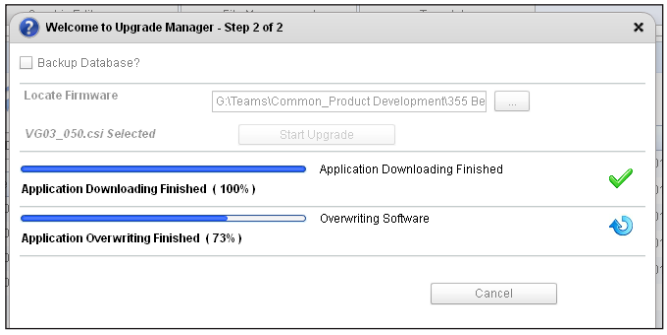
Depending on the speed of the IP connection this file load may take some time.

During this transfer the unit continues to operate normally.

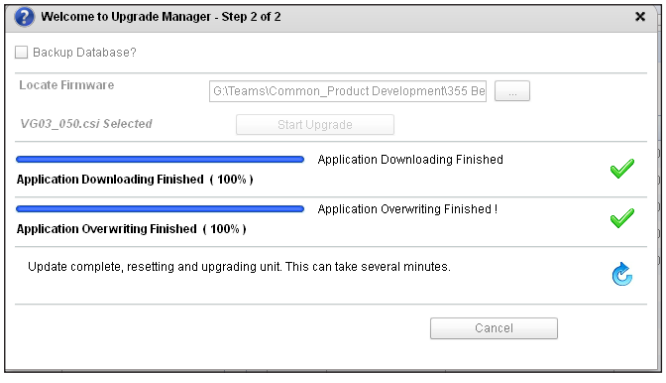


Transfer complete – down load finished – now Overwriting software.

DO NOT INTERRUPT POWER TO THE UNIT AT THIS POINT, POTENTIAL DAMAGE TO THE UNIT DATABASE MAY OCCUR AND RENDER THE FRONT END INOPERABLE



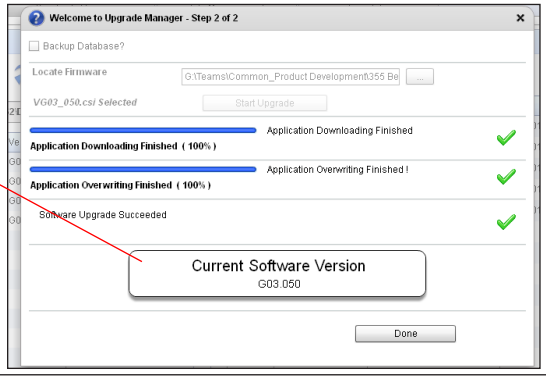
Overwrite finished. The unit will now reset to process the update.



DONE!

After completion, insure the software version is correct.

If you've only loaded the 'csi' application, consider updating the EDF's and Web files using the File Management (FTP Transfer) if required.

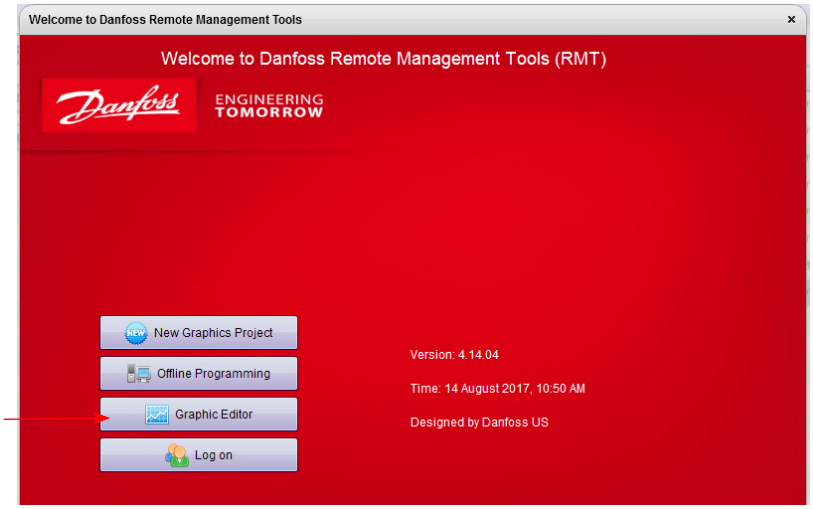


Using the Graphics Editor

To ensure correct datapoint mapping ensure the PC used for graphic design has **min 1200x900** screen resolution. Only design your graphics on single monitors (dual monitor configuration not supported). Danfoss recommends where possible to design your graphics on the same PC that will be used in the actual customers application. This will ensure all datapoitns are shown correctly and maintain their coordinate locations

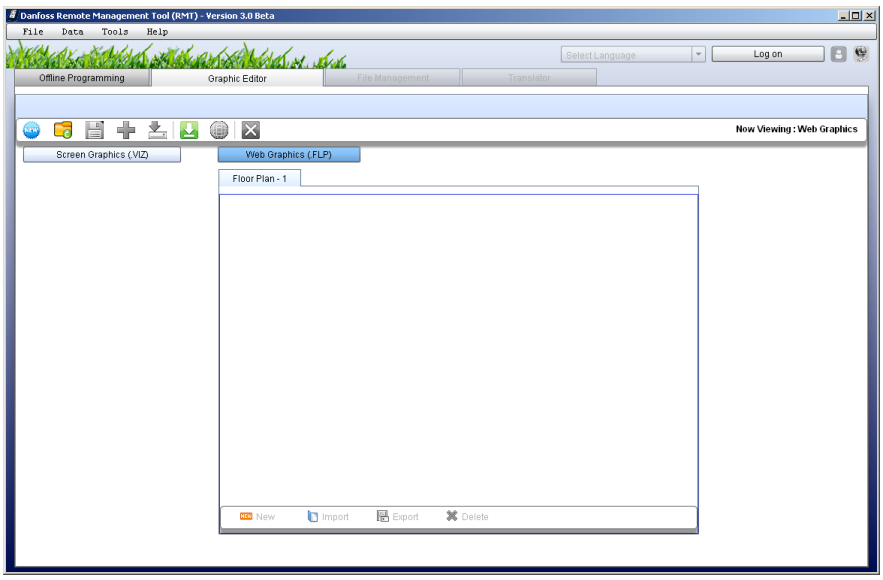
The Front End can support a total of 5 web graphic views (Jpeg's) for the **web browser** and 5 'Viz' (custom bit maps) for **each** front end local display. In addition to a graphical image, system parameters can be mapped to display current temperatures and status. This may serve as an easy means to display critical data on the local and web screens. If no graphic is loaded, a factory logo will be seen in the system view screen.

Select "Graphic Editor"



Tool bar options

- Open a new graphics project
- Open a previously saved project
- Save project
- Add files to current project
- Down load projects to the unit
- Retrieve data points from the unit
- Open Web Browser
- Close project



It has been detected that depensing on PC configuration and version of Windows there may be spurious issues when creating custom graphic folders and files. Danfoss recommends the use of a USB flash drive to store your graphical files

Use a suitable image processing application to design your custom image, complying with the following specifications;

Properties	AK-SC 355	AK-SM 800 series
File size for local screen	632x408 pixels	792x548
File format for local screen	bitmap (BMP)	bitmap (BMP)
Color depth	240	240
File size for Web graphics view	<1Mb	<1MB
File format for the web	Jpeg	Jpeg

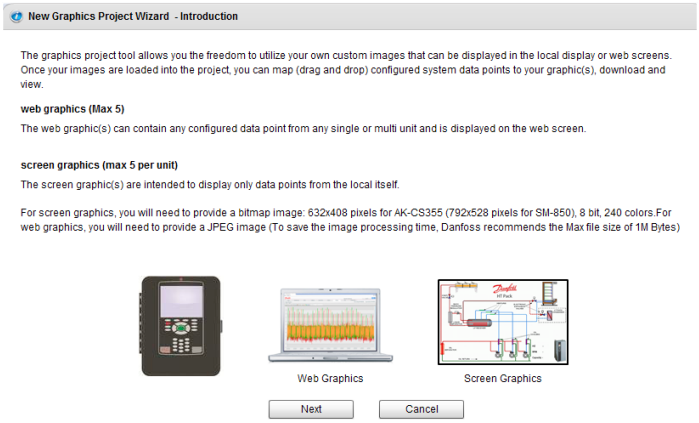
Open a New Graphics Project

- Before proceeding, it is suggested that you have already created a folder (the name of which will be the project name) on your PC which contains the graphic files for your project. In this folder, copy the BMP and JPEG files, as well as a copy of the database for this particular Front End

- There are two methods available: Offline or Online connection.

- Click on 

to open a new graphics project. The following Project Wizard is presented.



Creating custom graphics- Tips

When designing any custom graphics for the front end local screen, be aware of the size limitations - see above table.

If you intend to have both a custom graphic in the web and local screen, start with the web file first (this should be a Jpeg), then convert to Bitmap and correct file size for the local screen

Use open source graphic editors to manage your files, there are several options available on the Internet

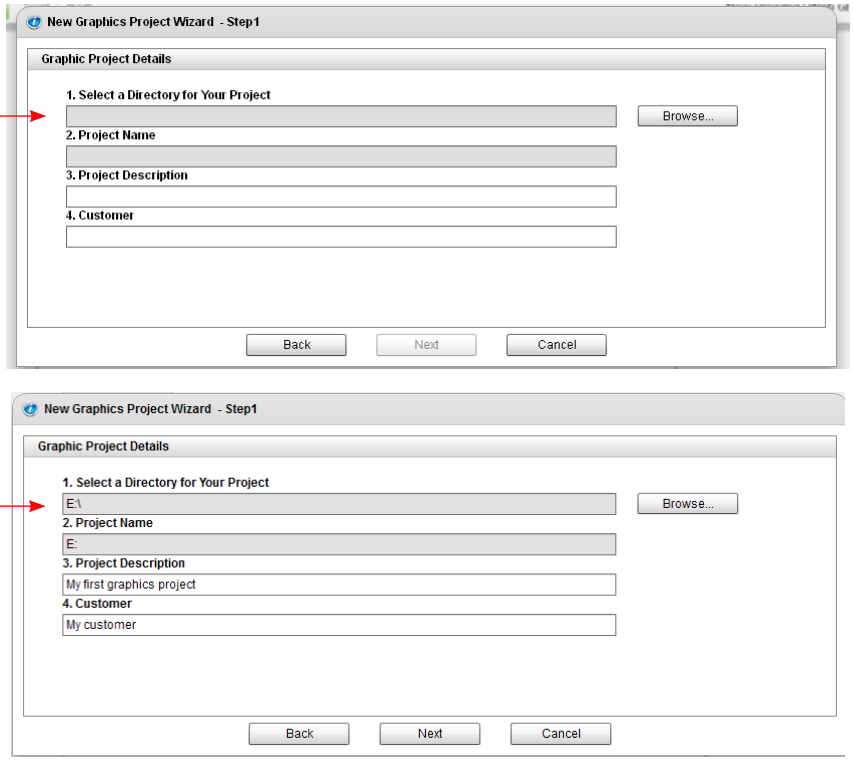
When designing graphics for the front end web (Jpeg file) try and limit the file size as this will ensure quick download (bigger file sizes will take longer to download when connecting).

Up to 5 bitmaps images PER front end controller

Up to 5 Jpeg images for web browser

Use a USB Flash drive, create a unique folder in which to contain all your original images.

- Use the Browse button to navigate to the working folder for this project that contains your 'jpg' and 'bmp' files. The 'Project Name' will automatically be assigned as the name of the selected directory. Therefore, you won't be able to change the Project Name here.

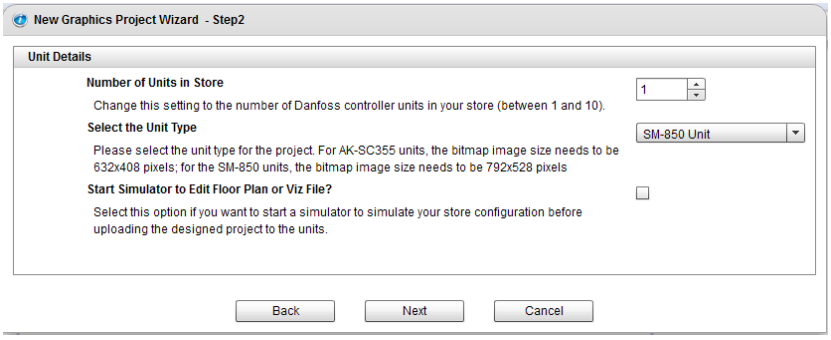


- Click 'Next' to continue.

- Select the number of Front End units for this site, and unit type (AK-SM 800/AK-SM 850). In this example '1' was chosen.

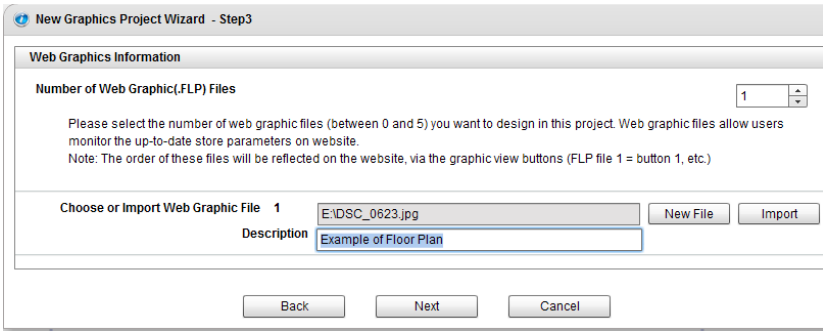
- If you wish to start the offline simulator (I.E. Offline Programming), place a check mark in the box to the right. In this example, this was left unchecked (typical when connecting to a live system).

- Click 'Next' to continue.

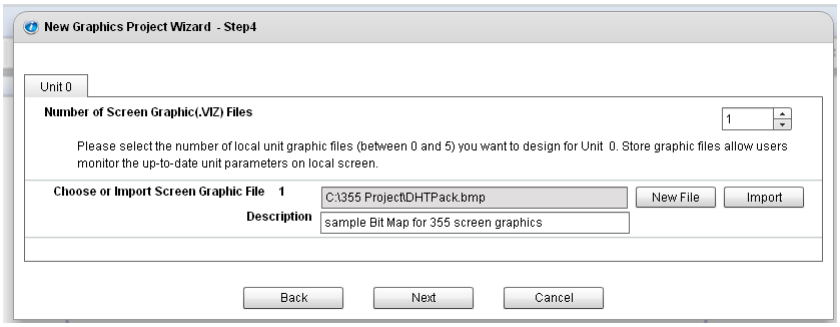


- Selected 1 web graphics file in this example and path to containing folder on PC. Select your **jpeg** for the Web graphics

- Click 'Next' to continue

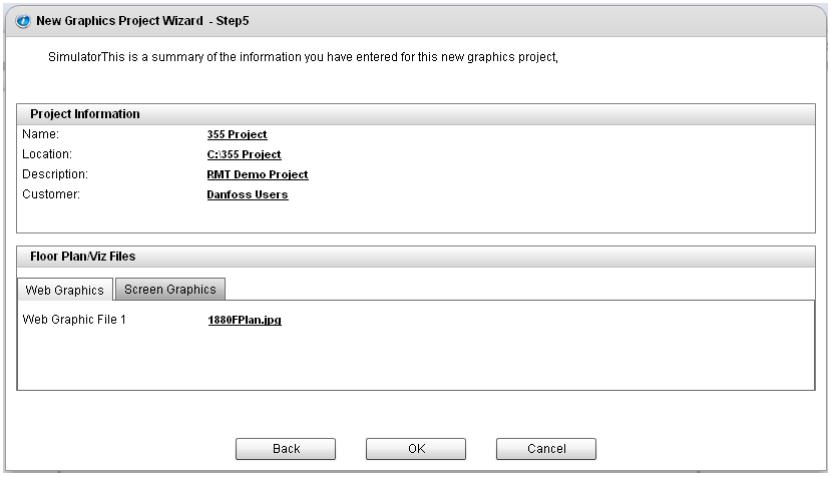


- Selected 1 screen graphics file in this example and path to containing folder on PC. Select your **bitmap** image(s) for the screen graphics



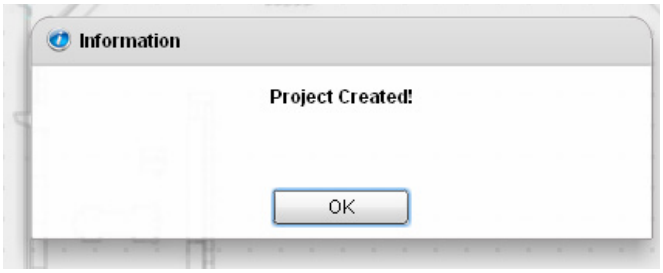
- Click 'Next' to continue

- Summary of the Project information as entered.

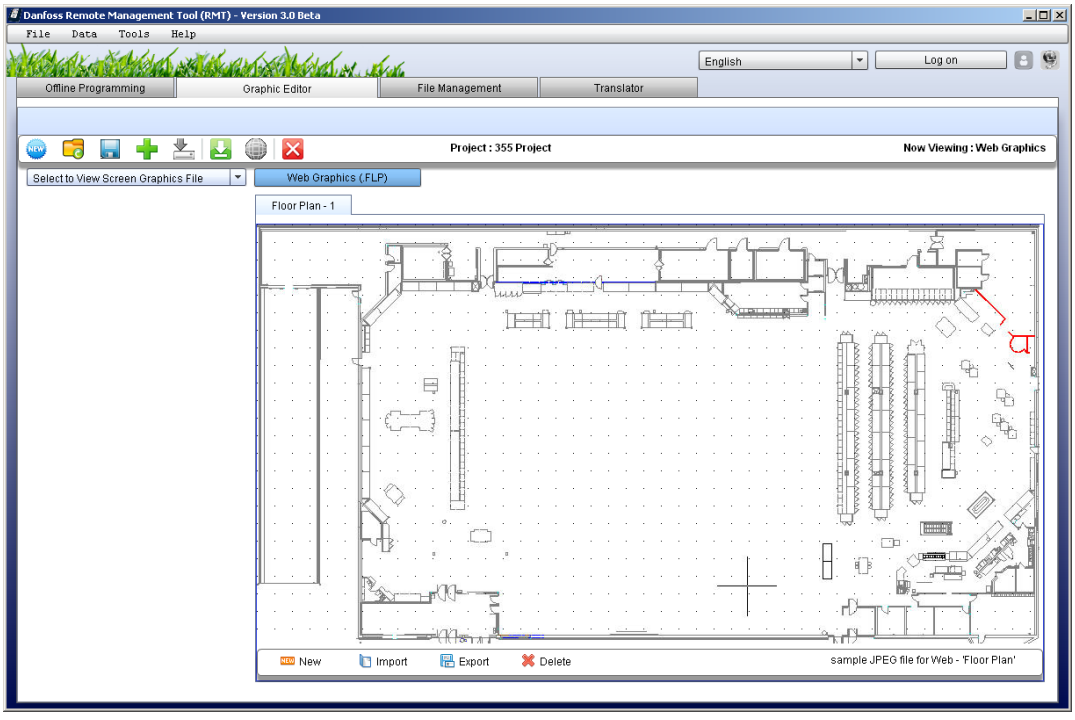


- Click on the 'OK' to proceed.

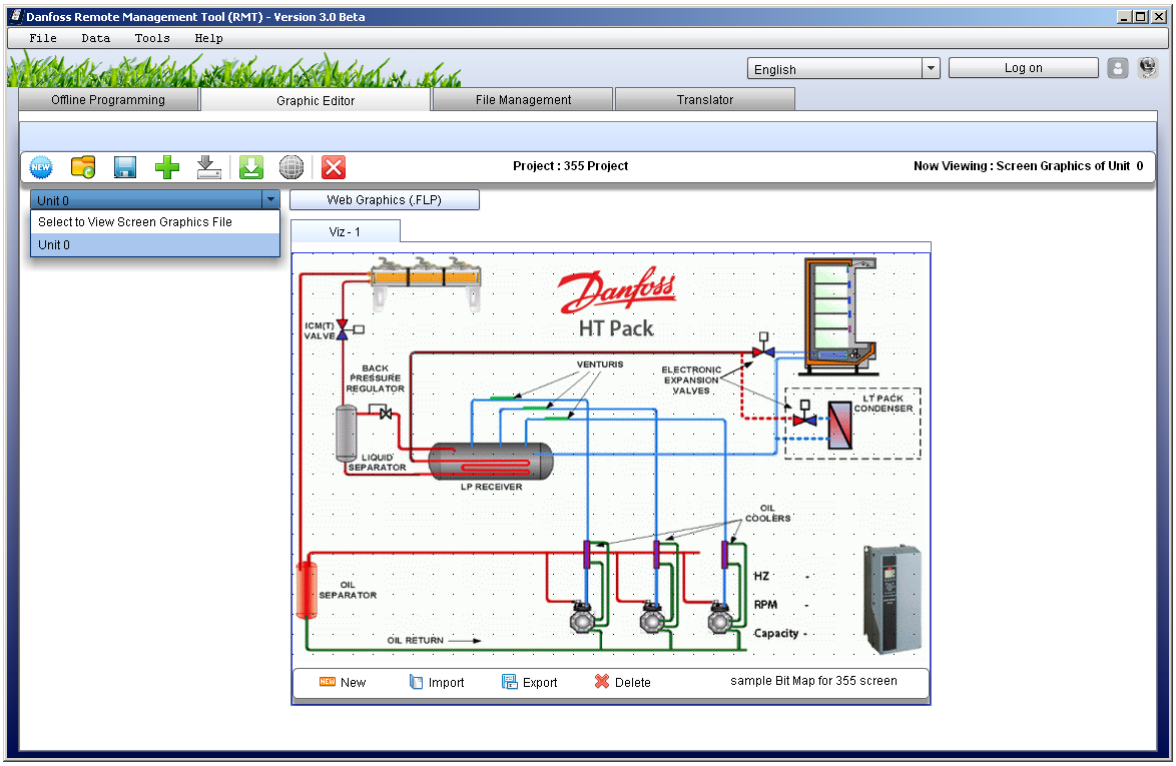
- The project has now been created.



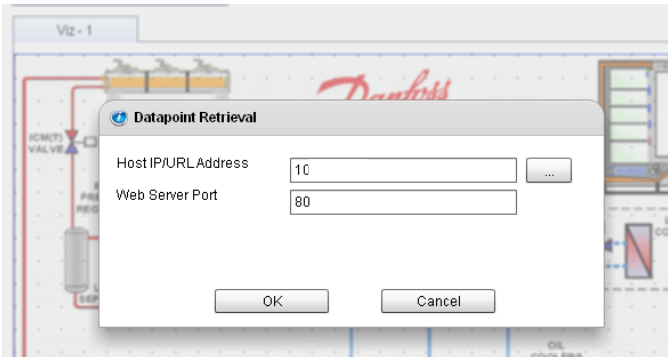
Current view is the Web Graphics – FLP (jpeg)

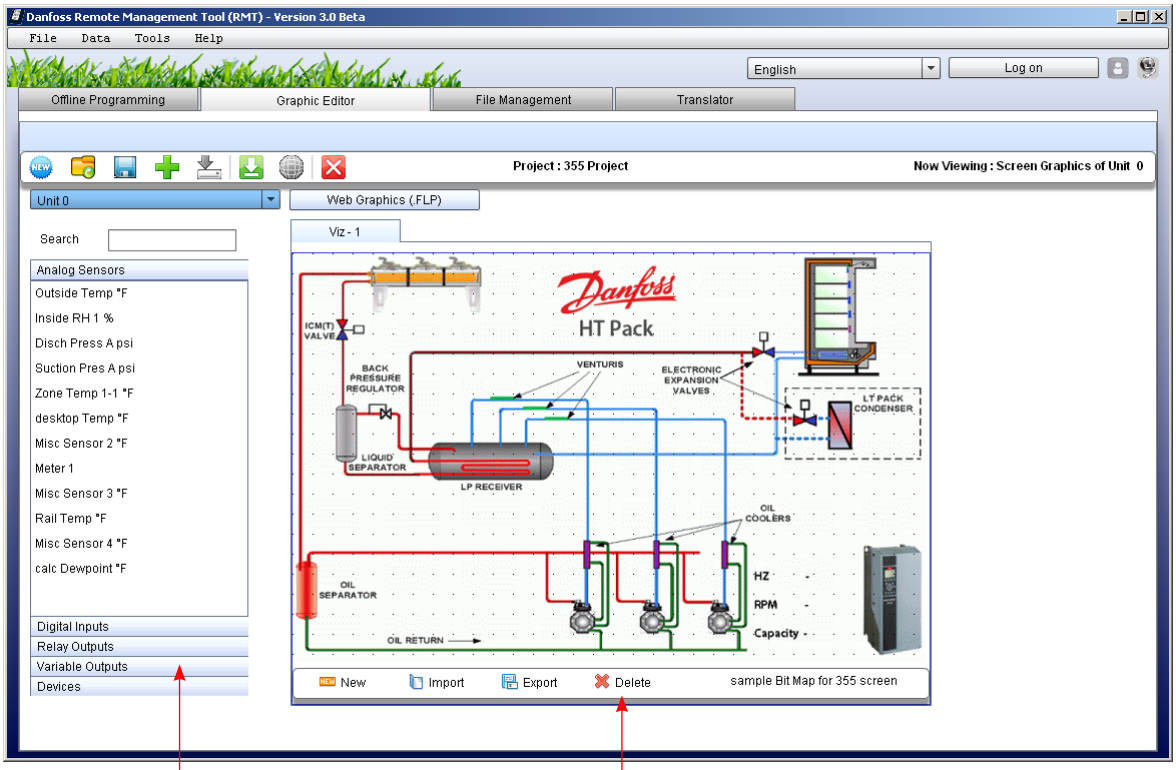


- Click on the box to the left (Select to View Screen Graphics File) and now you are shown the bit map (bmp) for the local 'front end screen.



 - Click on the download datapoints button from the tool bar to retrieve data points from the Front End you are connected to.

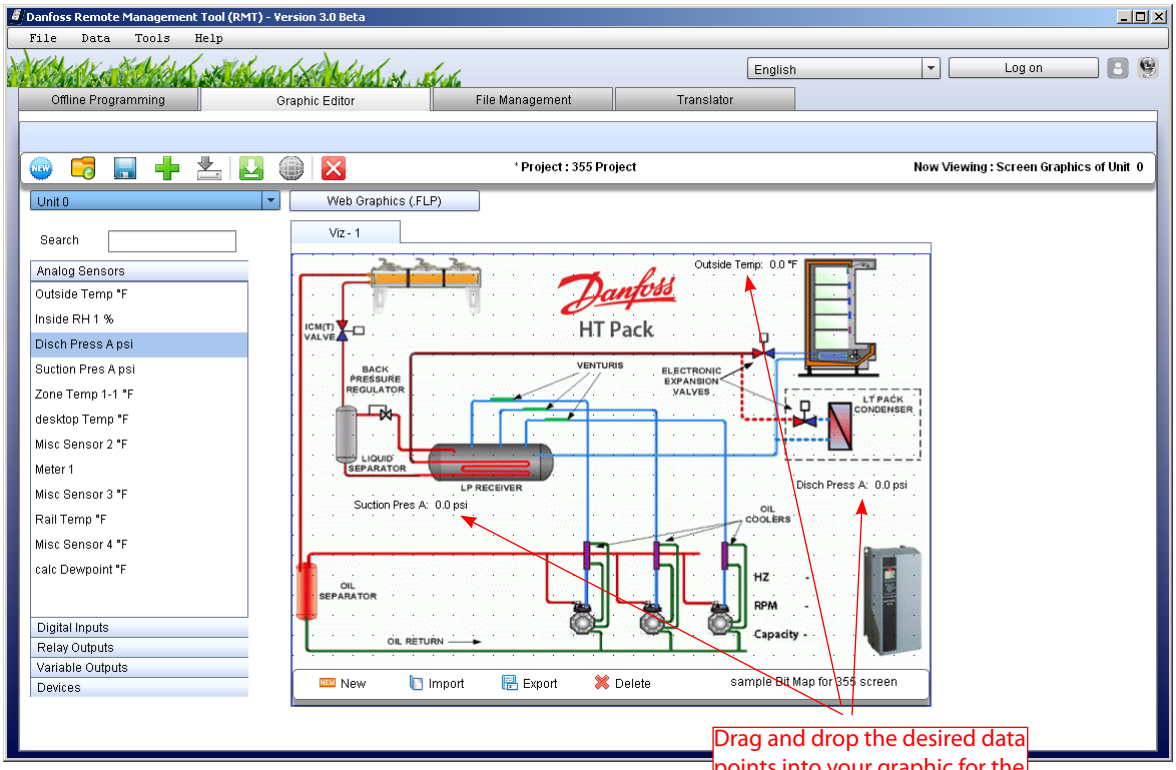




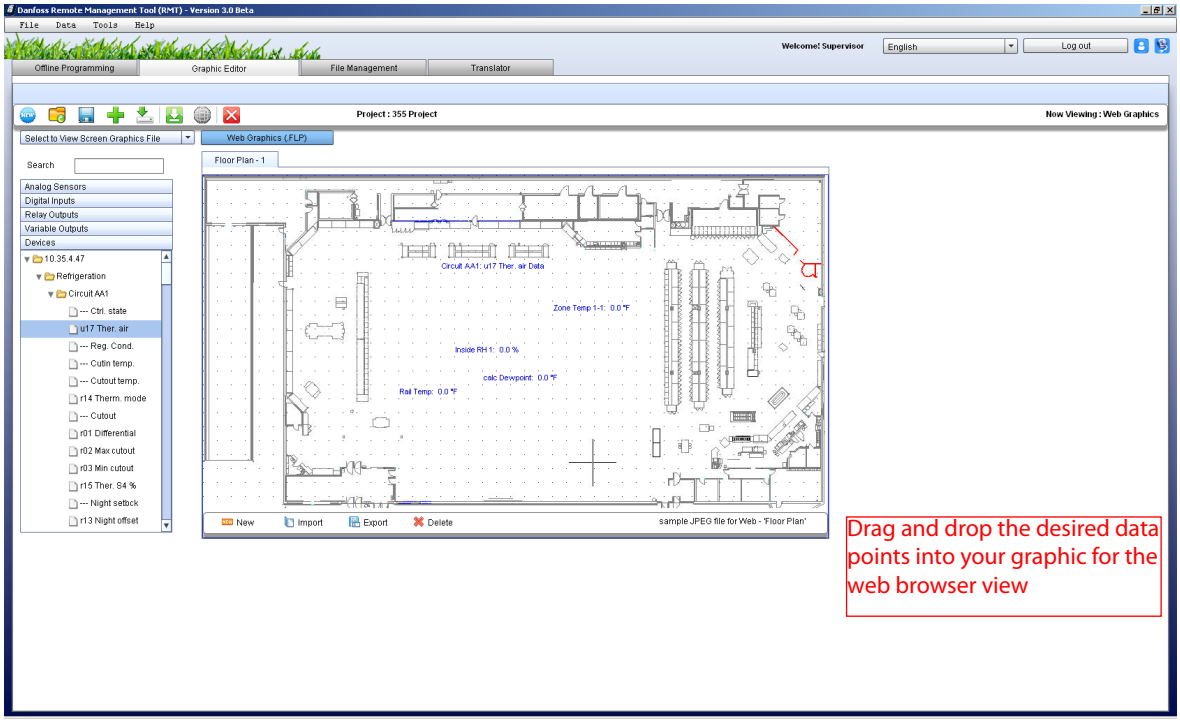
- All of the points configured in the 'front end unit are now 'pulled back' and listed here. Shown is the open list of analog sensor inputs. Click on each of the other data point types (e.g. devices) to present any points which may fall into those categories. Points from 'Devices' would be parameters from EKC / AKC controllers, etc.

NOTE:
- When viewing the local screen graphic only datapoints from the target front end will be shown. Only local datapoints from this unit can be mapped.
  When viewing the Web graphics window, you will see ALL Front End units (if connected). Under the Web graphics screen you may map ANY datapoint from ANY front end controller.

NOTE:
Use the delete button to remote any unwanted graphic files



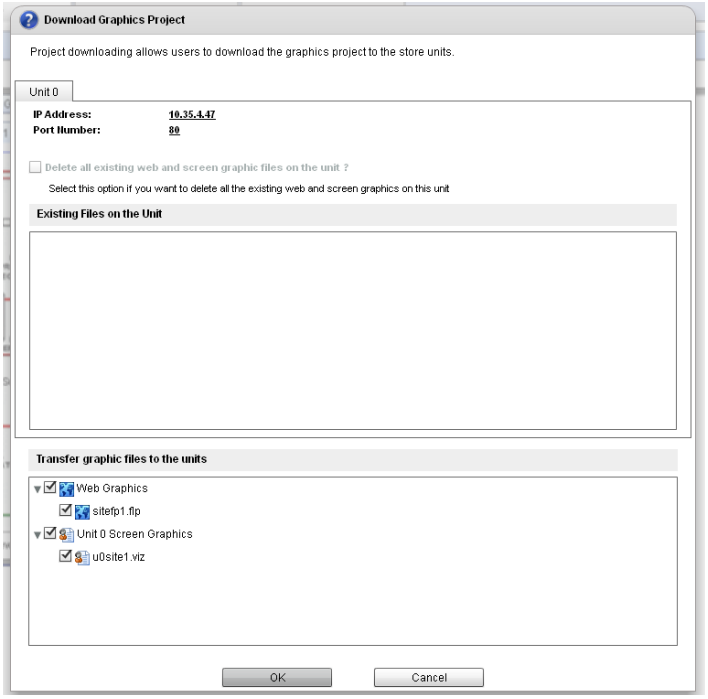
Drag and drop the desired data points into your graphic for the front end screen – Site View



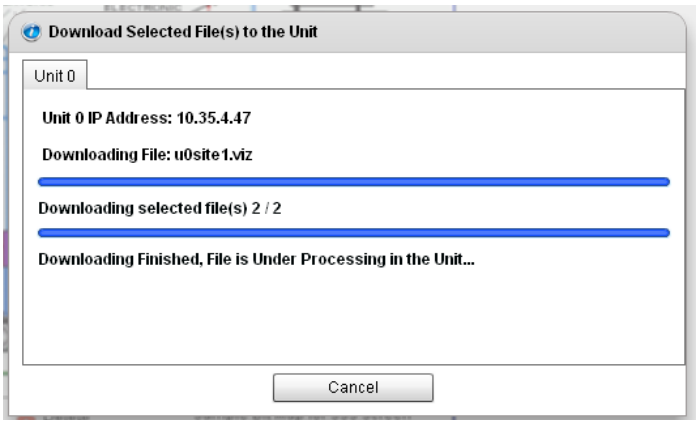
Drag and drop the desired data points into your graphic for the web browser view

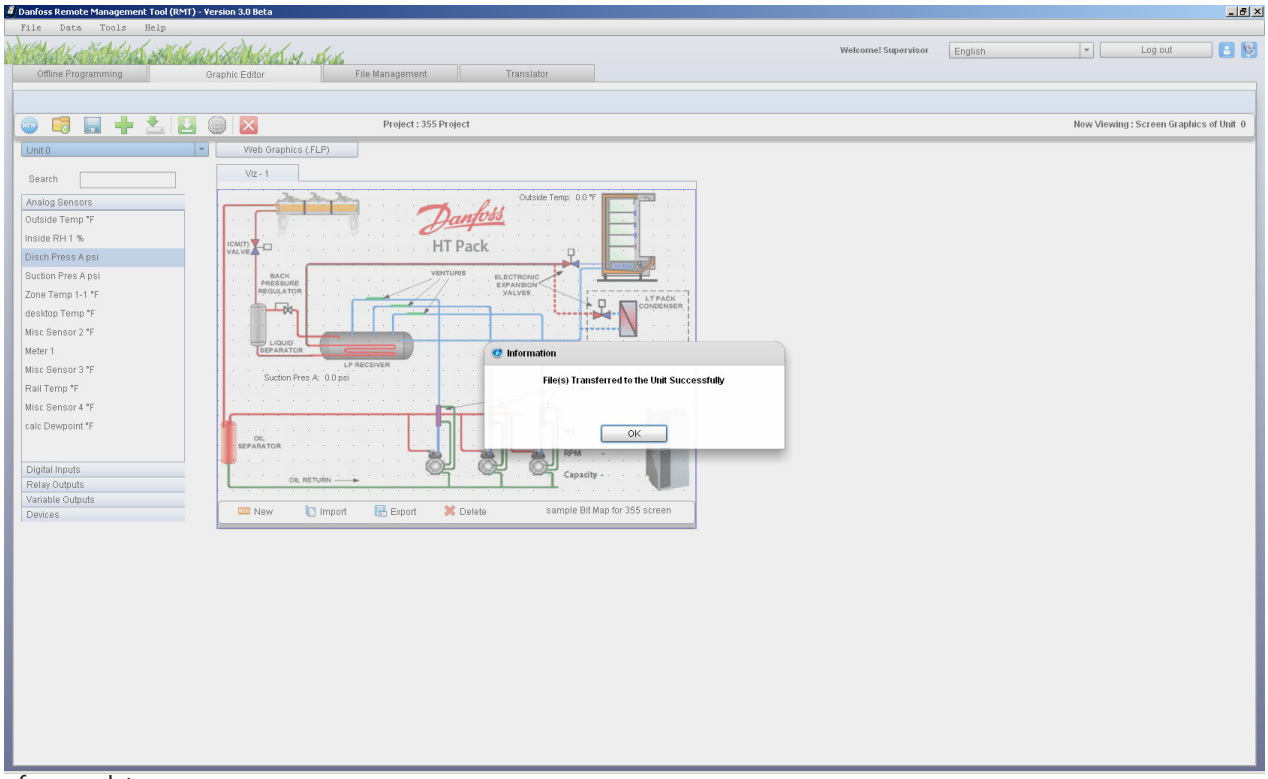
 - Save Project when done

- Down load projects to the unit – The project needs to be loaded from your PC into the front end unit. Click on this icon from the tool bar to proceed. If you are not yet logged on, do so now.



Press 'OK' to continue





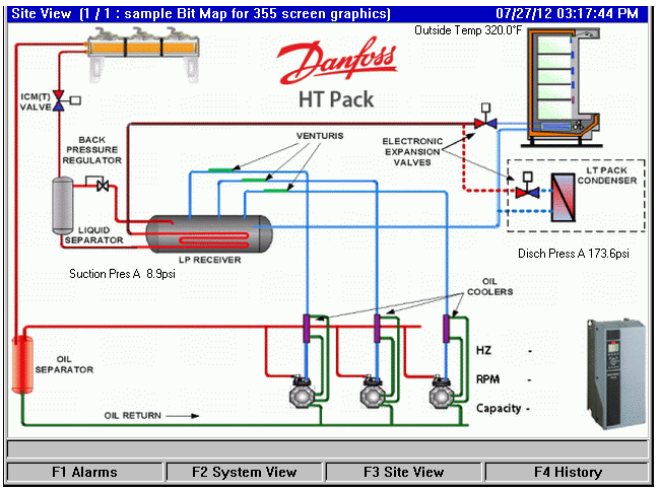
File(s) Transfer complete.

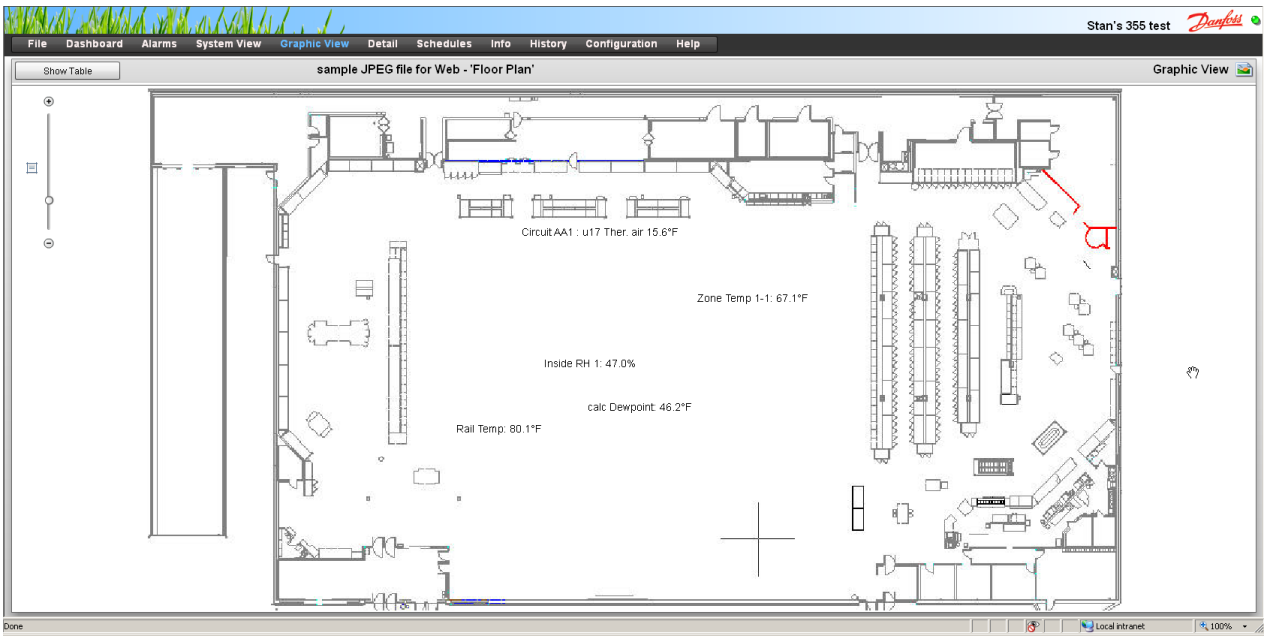
- For the AK-SM 800 you can toggle between local screen images via the 'F3' button (at the local front end display).

The use of the F3 button is being phased out in latest front end software versions. Use the Prev and Next keys to toggle between multiple images.

The AK-SM 850 uses the Prev / Next key navigation

Local front end Screen – Site View



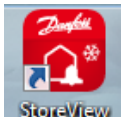


Web Browser – Graphic View – Floor Plan

StoreView Desktop Application

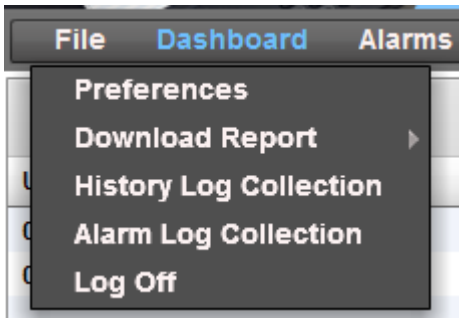
StoreView is an application that is designed for fast connection to your store. Typically a fixed PC is in the store and the use of the StoreView application allows authorized users an easy way to connect and view system status. The resulting web screens are exactly the same as if the user would have connected via a web browser. The StoreView application only differs from the browser in that it has some preference settings, designed for the store PC.

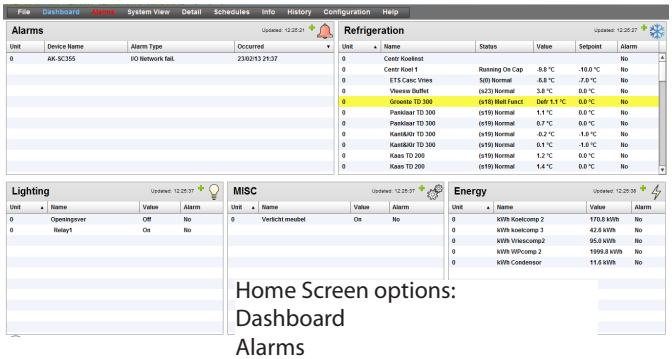
The StoreView application is part of the RMT installation. If checked during the RMT install process you will have a application icon. Double clicking this icon will launch the StoreView.



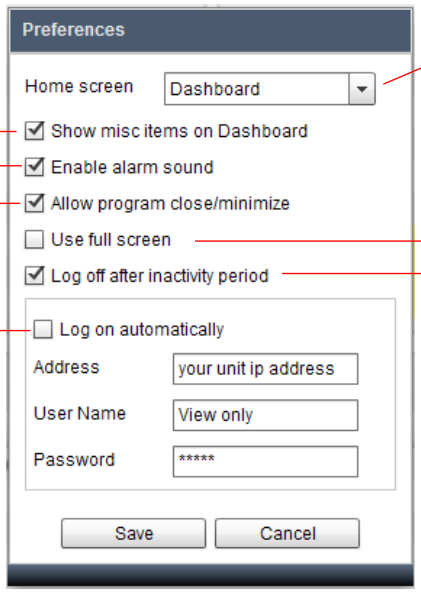
With the address book visible, enter the system IP address and user name and password.

Once connected, under the FILE menu, a preference option is visible.





Home Screen options:
Dashboard
Alarms
System View
Graphic View



If any miscellaneous items are configured, you can show/hide this panel in the dashboard

Enable alarm sounding from PC

If the StoreView Desktop is designed to run 24/7/365 then check this option to avoid accidentally closing down the program

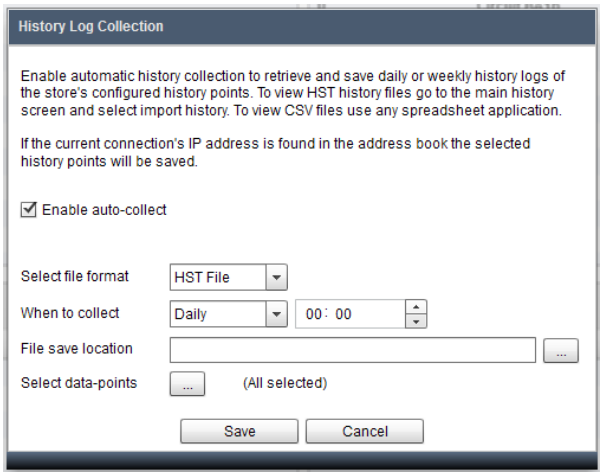
Allow the StoreView Desktop application to automatically log on to the front end system. If checked enter the system IP address and suitable user name and password

Fill the full screen with the StoreView window

If you require any users to be logged off after a period of inactivity, check this box. Any user will be logged out after 5 minutes of inactivity

Auto History collection

Version 1.7 and above of StoreView Desktop comes with a new feature that allows auto history collection and save. The idea is that imprtant history points can be tagged for auto collection and save (i.e. HACCP points) to PC hard drive, thus providing a long term storage solution for these important points.



From the File menu, select 'History Log Collection'.

You can select HST or CSV as a file format

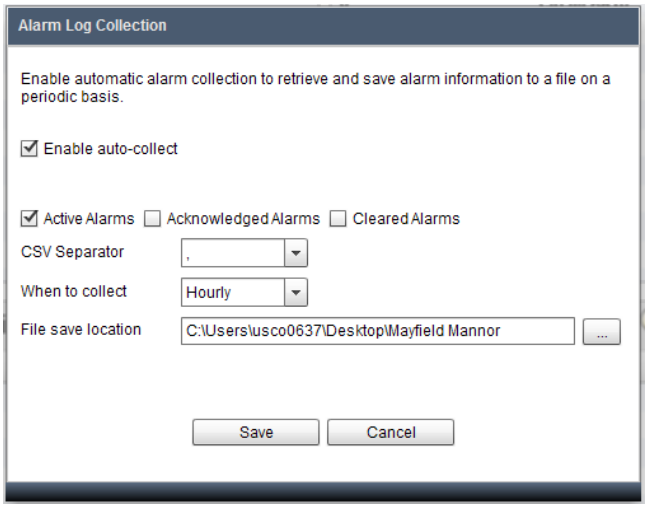
The .HST format is a binary format only readable via the SM800 history page. To view your .HST file navigate to the History page in the AK-SM 800 web or storeview desktop, then select the 'Load history from file option'.

Selecting the CSV option will simply save a file under a CSV format.

Make sure the SM800 IP address is saved in the StoreView Desktop address book. This will insure that your selected history points will be saved

Auto alarm collection

StoreView version 1.8 and above introduces a new feature of auto alarm collection. Using the alarm log collection menu you can set the StoreView Desktop to collect and save alarms to file.



Select 'Active', Acknowledged', or 'Cleared' alarms.

Select your required CSV separator, which can be different dependent on our country location.

Select when to collect, choosing from Hourly, Daily, Weekly, and Monthly.

Select the save location.

The resulting files will be saved in your requested location.