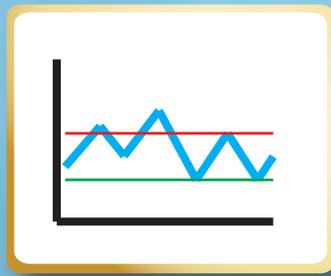
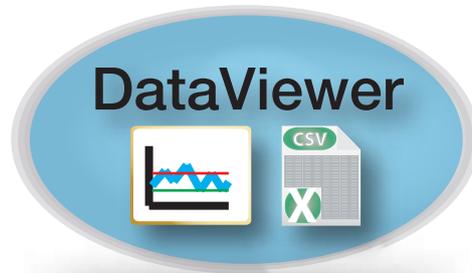


# DataViewer



## Software Installation and User Guide

Ref: DV12020112 V1.01



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### Installing DataViewer Software onto a PC/Laptop

This software can be installed on multiple PC/Laptop's and is license free.

1. For Software provided on a USB Memory Stick go direct to step 2. For downloaded or emailed versions of the software go direct to steps 3.
2. Locate and open the "Utilities" folder on the USB memory.
3. Double click on the "DataViewer\_Setup\_vX.X.X" application icon and follow the on screen instructions. When prompted by windows click Allow to permit windows to install the software onto your hard drive. When installation is complete click finish to close the installation window.
4. A short cut Icon will have been placed on the computer / laptop desktop. To open the application simply double click the DataViewer Icon. Functionality of the software will be covered in the following pages.

## Using the DataViewer Software

The DataViewer software allows users to view and compare data in an easy to use graphing format. The software also allow for extended range CSV format data downloads.

Once installed software the software will automatically search for updates when launched, should updates be downloaded the software will notify of any action needed.

## Locating Data to View

DataViewer can be used to view data downloaded and stored using DataStore Backup software. For more information on DataStore Backup software please contact your local authorised distributor.

After installing the software for the very first time it is necessary to configure the DataViewer software to identify the location of the backup data. Please follow the following instructions

1. Double click on the DataViewer icon

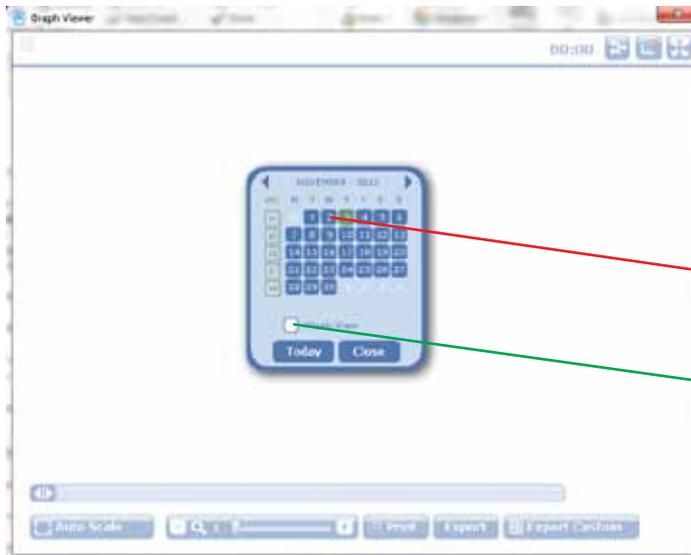


2. This will automatically bring up the Date dialogue box. Press the close Button.
3. Press the Change Connection Button. A file dialogue box will appear. Press the browse button and locate the folder where the DataStore backup is stored. Press OK to confirm.

Once the path file is pointed to the backup files on the PC/Laptop click the Set button. The graphing software is now set to read the historic data stored in the back up area.



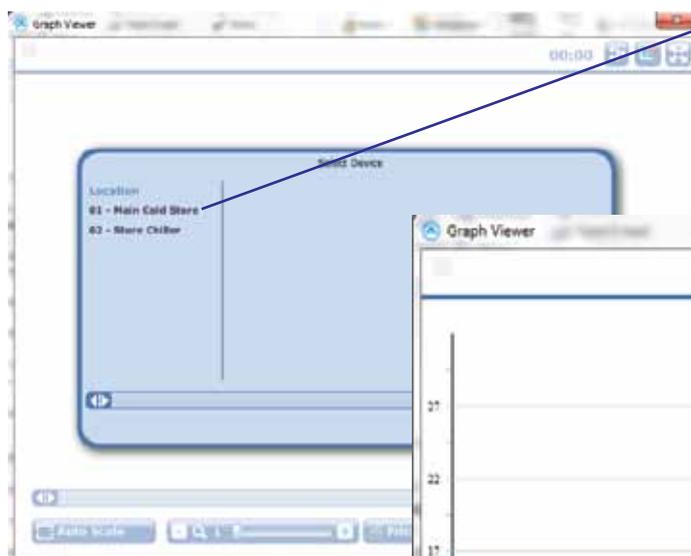
## Viewing Data in a Graphical Format



4. Selected the date from which data is to be reviewed. The whole backed-up memory is available to choose from.

Single date, select one day with the cursor and click on it to proceed to the next stage.

Week view, select any 7 day snake by ticking the week view box and then moving the cursor over the days then click make a selection.



5. Select the sensor for which data is to be reviewed by clicking on it with the cursor.

Once a selection is made a graph opens with data for the full time period viewed.

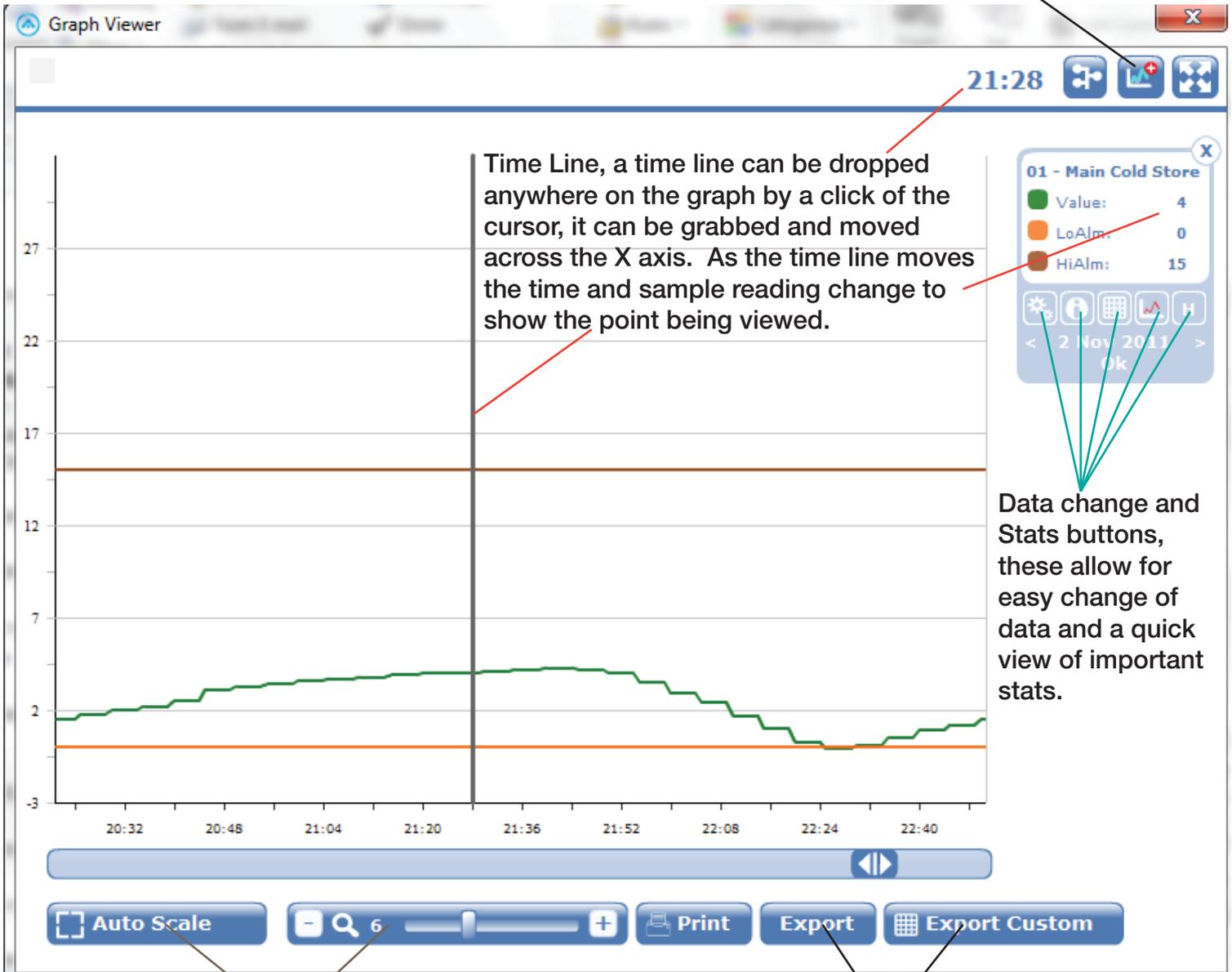
The user has the ability to then perform further actions on this graphical data to investigate and view further.



# Viewing Data in a Graphical Format - Continued

## Graphical View Explained

Comparison Button, allows a selection of other sensors or dates for a comparison of readings to take place.

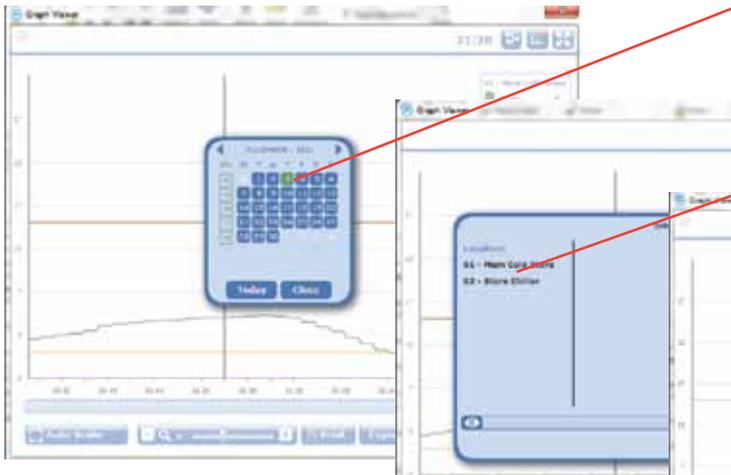


Auto Scale and Sliding Scale buttons. Sliding Scale allows users to view data down to the 5 minute stored interval.

Export simply gives a CSV export of the data selected within the graph. Export Customer lets the user select the date range for the sensors selected within the graph, use full for long date range data exports.

# Viewing Data in a Graphical Format - Continued

## Using the Comparison Button



1. Pressing the Comparison Button opens a new date window for the comparison date to be chosen, if in single date mode one day can be clicked, if in week mode 7 days can be selected.

2. Once the date is selected the sensor to be compared is chosen, this can be the same sensor or any other sensor on the system

3. Once the sensor is selected the user can then choose the level of detail from the sensor required.

4. The user can also amend the colour of the trace to make it easier to follow on the final graph, this is achieved by clicking on the colour block to bring up the colour choice pattern.



5. Once the choices are made the comparison graph is drawn, the user has the same change and view parameter as a single graph. The time line shows the time and data for each of the compared data ranges.

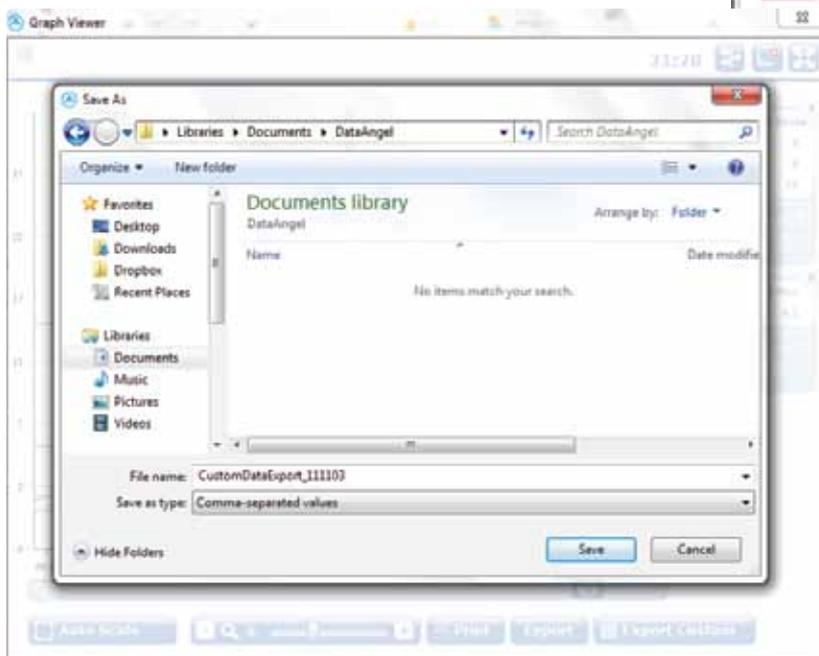
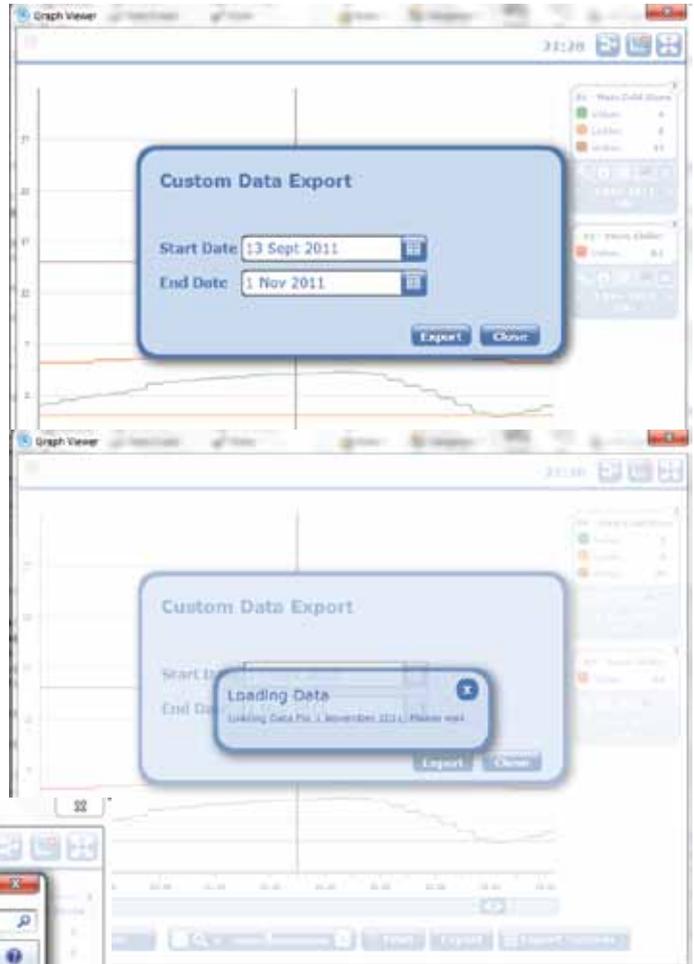
To close a comparison graph the user simply needs to click on the cross within the comparison data table.

# Using the Export Customer Button

1. The sensor for which extended data is required is selected using the normally graphing function, for multiple sensors then the choice is made using the comparison button previously outlined. Once the selection is made and the graph drawn the Custom Export button is pressed.

2. A date range box will then open in which the user selects the appropriate date range required. The date range can be the full history of the system memory.

3. The system accesses the data and sorts it into the file format, for large date ranges with multiple sensors this can take a some time.

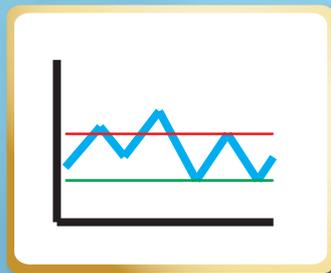


4. Once the download is complete an automatic save box will open, the user needs to choose a location and relevant file name to save the data to.

5. On completion of the file save the data is available to be reviewed/manipulated.

Data from Customer Export is always written to a CSV file format.

# DataViewer



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