



Ref: FAQ0350

Version: 1.0

Title – Manual download from loggers

Made By: AB 16/12/15

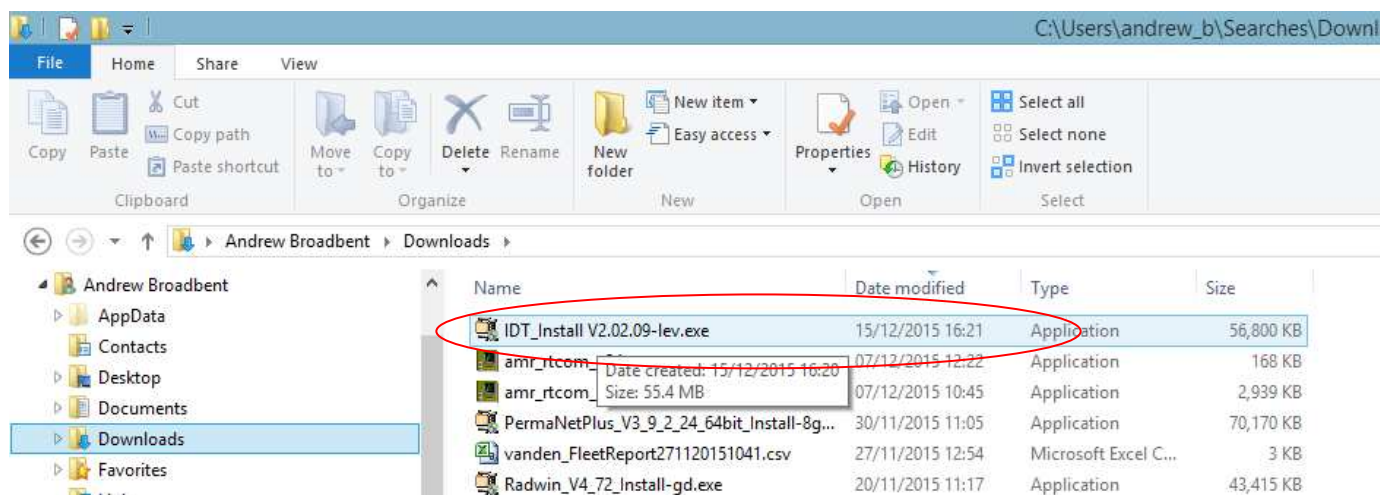
(Issue 1)

Using IDT to manually download a logger and upload the data to Datagate

Firstly you will need to download IDT software from the www.hwm-water website. You will need to register to download software. See separate guide.

Installing the software

1. Ensure you have system administration rights for your computer, ask your IT department if you are unsure. Download the software from the website and 'Save' the file
2. Locate the 'IDT_Install.....exe' file in your 'Downloads' folder and double click on it to start the install.



3. Follow the on screen installation instructions to complete the install of the IDT.
4. To install the USB drivers follow the on screen instructions and the drivers will install automatically.

Should the automatic installation fail, please check with your system administrator that you have sufficient rights to install the driver or try installing the drivers manually.

You may be required to update Microsoft .Net; the install file is included with the IDT setup files for your convenience.



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Installation and site hardware Diagnostics Tool (IDT)

Once you have installed the IDT, connect the USB cable first to the logger and then to your PC – Note there will be a short delay before the PC recognises the connection of the logger. This is normal, if your PC has sound enabled you will hear the “ping pong” sound as the logger connects.

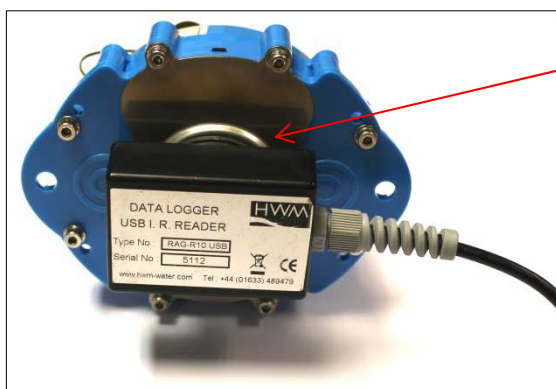
The first time you connect your COMLog to a new USB port, Windows will configure the driver, wait until this process is completed before proceeding.



2 – Connect
to PC

1 – Connect
to COMLog

If you have a COMLog LX data logger connect the IR reader to the PC and then place the logger on the IR reader



Take care to position the head over raised ring area around the window. The reader head will hold onto the logger by magnets in the ring around the window and this helps with positioning.

Reading the logger

1. Run the “IDT” program.
2. The main window will appear of which the main items are:-



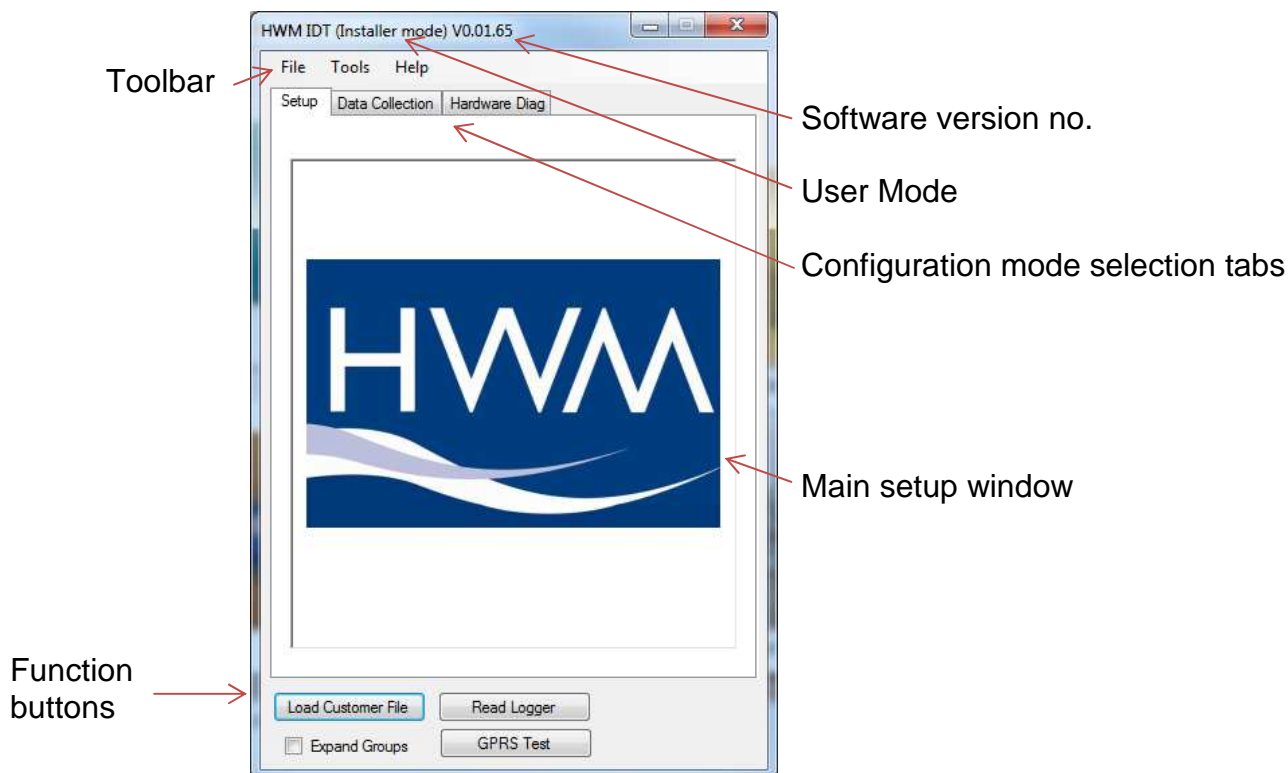
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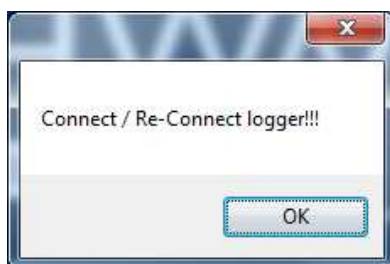
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3. Now click the 'Read Logger' button to load the current logger settings into the setup window.

Important: As the logger is not powered from the PC directly, to preserve battery, the logger will automatically disconnect from the PC and shutdown if there has been no activity for **10mins**. If you try to communicate with the logger after this time, a message "Connect/Re-connect logger!" will appear. Simply unplug the USB plug from your computer, wait for 2 seconds and then reconnect. This will wake up the logger again.



4. The IDT will now download the current settings from the logger.

Important: At this point the IDT will check to see if there is a more up-to-date version of the logger firmware available on your PC, if so, you will see the message –



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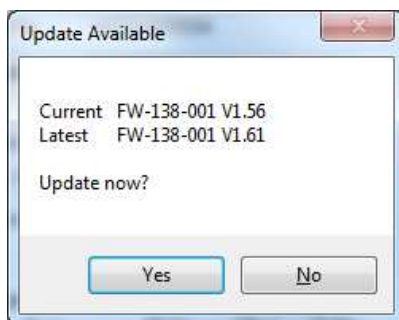
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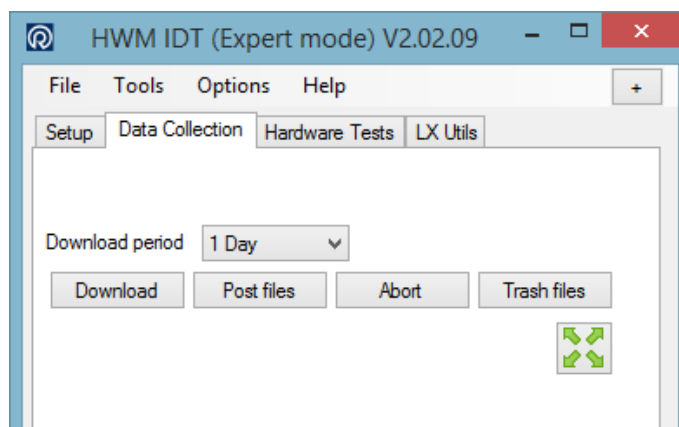
“Update Available”. Click ‘No’ as it is important to download the data first.



Updating the firmware will restart the logger and delete all the stored data.
If you wish to upgrade the firmware you can complete the following data download process and then reconnect to the logger and follow the firmware upgrade procedure.

Downloading the logger

1. Go to the Data Collection tab –





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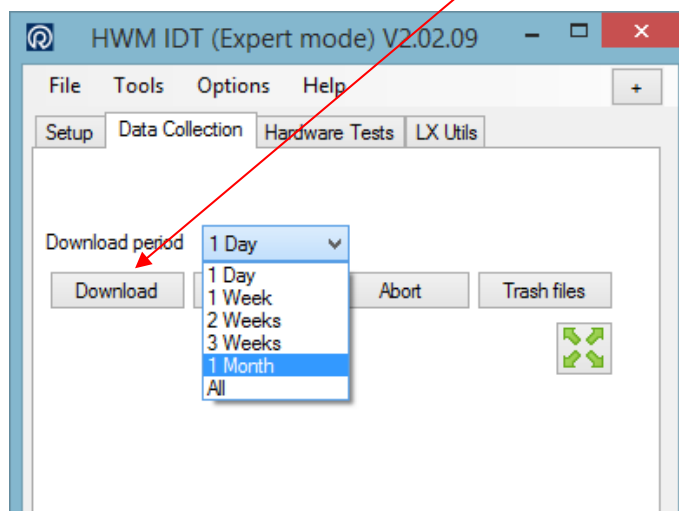
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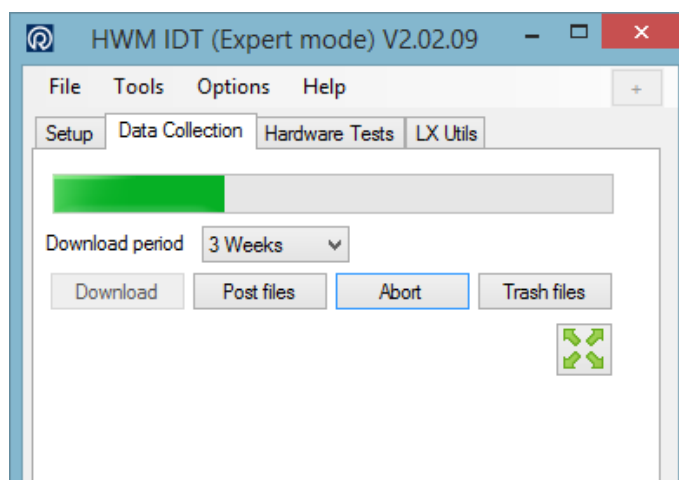
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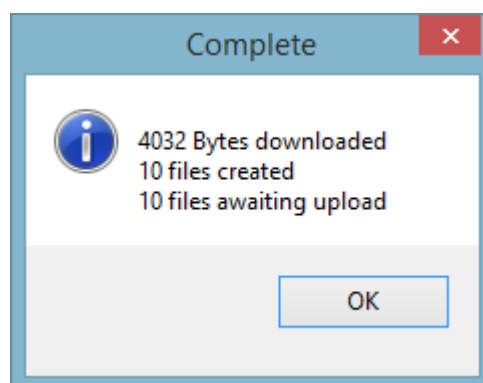
2. Use the 'Download Period' drop down to select the amount of data you want to download from the logger and then select the 'Download' button -



3. The logger will now download the data -



4. Once the download is complete you will get the following message –





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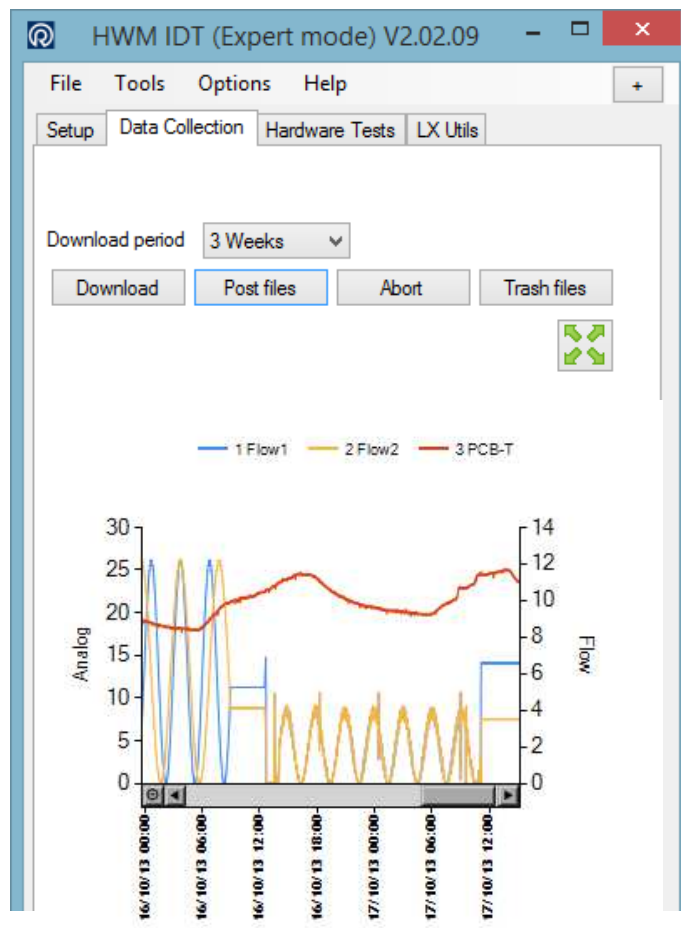
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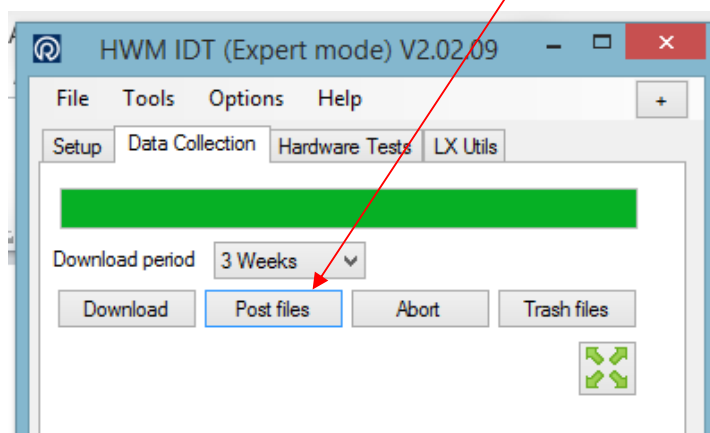
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5. The IDT will now show a graphical representation of the data so you can check that the data is relevant -



6. To upload the data to Datagate select the 'Post Files' button and the data will be uploaded to the loggers data store on Datagate –





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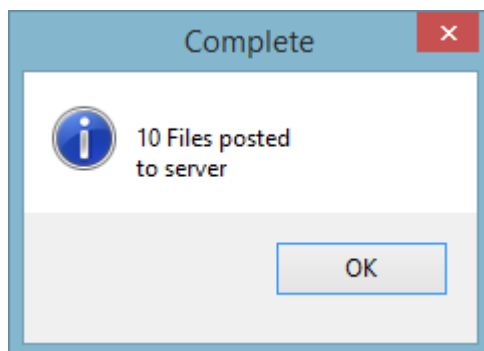
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7. Once the upload is complete you will get the following message -



Close the IDT software and remove the cable connection to the logger.

Document History:

Edition	Date of Issue	Modification	Notes
1st	16/12/15	Release	