

**Ref: FAQ0413****Version: 1.0****Title – HWM Data Transfer methods****Made By: AB 17/07/17****(Issue 1)**

HWM Data logger Data Transfer methods explained

Datagate

GPRS is the preferred logger to server data transfer medium. It has advantages in that it allows the server to 'handshake' with the logger to confirm receipt of the data. It is cheap than text messages and more reliable as it does not require data to go across a complex many station network.

GPRS Loggers send data to the HWM Datagate server via GPRS on UDP port 23024. The data is identified by the logger SIM card phone number.

The Datagate Server receives the data, decodes and writes to SQL tables.

Server CAR program processes Logger SQL data to create Graphing DAT files.

Data, logger information and data graphs can be viewed on your account on Datagate.

If HWM provide a data export to Customers the Datagate Server export management process sends export files to predefined customer FTP /SMTP destinations in formats compatible with their requirements. The export is based on the loggers in or associated with their account.

Radwin

GPRS loggers send data to HWM Toran software running on the Customers server. Data transfer is via GPRS on UDP port 23024.

Radwin software can be configured to download the logger data from the Toran software to allow viewing of data in graphical form.

SMS

SMS is no longer a preferred option. It can be expensive and unreliable with data loss prevalent. SMS loggers can transmit data by SMS text message to a receiving SMS desktop modem attached to a PC which is running Radwin software. The Radwin software downloads the data into its integral database and presents it in graphical format for viewing and analysis.

FTP

Transfer of data by FTP is no longer supported in HWM data loggers

Document History:

Edition	Date of Issue	Modification	Notes
1st	17/07/17	Release	