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DATA GENERATOR

A HALMA COMPANY





Record of Amendments

Keep this record in the front of the User Manual. When the document has been amended write the amendment number, the date, the paragraph numbers affected by the amendment and your initials in the table below.

Amendment Number	Amendment Date	Reason for Re-Issue (Paragraph Number (s) Amended)	Amended by
1.0	03 Oct 2007	First Draft	AMB
1.1	10 Dec 2007	Second Draft – Images Updated	AMB
1.2	9 April 2007	Adjusted wording for Thames format export	AMB
1.3	12 Dec 2008	Remove Thames Specific information	AMB
1.4	16 Nov 2011	HWM update	AJB

Data Generator	
©HWM-Water	Page 2 of 9

Data Generator

4 5 6



Contents

Data Generator Summary Data Generator General Software Settings Data Generator Location Settings

Data Generator	
©HWM-Water	Page 3 of 9





Data Generator Summary

The Data Generator is used to export data into various file formats suitable for importing into third party systems. This may be data directly from a logger, or data created from a Function Set (summation of data from various locations).

The export format(s) are selectable and the folder where the data files are to be created is user definable. How to export missing data values may also be specified. The files may also be automatically emailed.

The data may be generated at a set time of day or immediately after download (location data only - not function set).

Setting up data generator is a two stage process Modify the general software settings Modify each location to give the output file you require

Data Generator	
©HWM-Water	Page 4 of 9





Data Generator General Software Settings

Step 1 Run Radcom Setup

Step 2



This is where you can define folders for the exported files to be saved into. Each different export data type can be _ saved in a different folder. Double click any item on the list to change the location where files will be exported to.

This is where the frequency of the generation is defined. You can either generate immediately after download - (this does not work for function sets) or at a fixed time periodically.



You can choose where your 24 hour period starts and finishes. You can choose which files to generate data from.

Data Generator	
©HWM-Water	Page 5 of 9



Data Generator Location Settings

Step 1 Run Radcom S

Run Radcom Setup

Step 2



Step 3



Step 4

F Locations		
Zones/Locations 🙀 Function Sets Lookup Tables 🕋 Data Manager	Double click the to set up for Dat	location you wish
😵 12AA : Town		
C:\Documents and Settings\andyb\Desktop\Logger Data\RADWIN\Radwin_Databases\448 test C:\Doc		

	Data Generator ©HWM-Water	Page 6 of 9
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Data Generator

Select the Auto Generate Data tab

iall Mem	o Auto Database Export Office Lis ito Generate Data Types	its Auto Generate Data	Alarm/Error Exporting Logger Ca
	nable Export	Filename	Folder
ceiver Autocall Alarm R	ASCII Data (DOS Filename) ASCII Data Summary Data	FOALL135.PRN A12AA135.TXT FOSUM135.PRN	c:\radwin\449\DATA\ASCII c:\radwin\449\DATA\ASCII c:\radwin\449\DATA\ASCII c:\radwin\449\DATA\SUMMAR\
	ne Period	3	

There are many export formats available.

Double click the format you want to use.

In this example I have selected ASCII Data. Some export configurations are slightly different. If you require any assistance please call Radcom Technical Support.

SCII Data Con SCII Data Generate AS	
Data;	A Invalid Channel
Path:	c:\radwin\449\DATA\ASCII
Filename:	A12AA135.TXT

Enable the export by clicking Generate ASCII Data

Then select the channel you wish to export data from.

Click Example to be shown what the exported data file will look like.

Click OK to complete the setup.

Export Data Configura	ation		
ASCII Data			
Generate ASCII Dat	ta		
Data:	🛕 Invalid (Channel	•
Path:	A Invalid		^
Filename:	🔬 Channe 🔬 Channe	03	
	🛕 Channe	04	×
Example		ОК	Cancel

Other export formats are available in the list if ASCII is not suitable for your needs.

Data Generator	
©HWM-Water	Page 7 of 9



The export is now	sic adwin All Manual Call View Autocall	Auto Generate Data - The Data Gene Select the required format(s) by dout	ole clicking the item in th	e list. Select the time period of	data 🔽
	Au Export Alarm Programm Alarm Receiver Remote Autocal	to Generate Data Types hable Export ASCII Data (DOS Filename) ASCII Data Summary Data	Filename FOALL135.PRN A12AA135.TXT FOSUM135.PRN	Folder c:\radwin\449\DATA\ASCII c:\radwin\449\DATA\ASCII c:\radwin\449\DATA\SCII	IAR)
	JLa	te Period st Day	Prir	t Save	Cancel

Data Generator	
©HWM-Water	Page 8 of 9



Step 8

Location Config	uration10 : Radwin All				
Configure:	Auto Generate Data - The Data Gen Select the required format(s) by dou Autocall Auto Database Export Office	uble clicking the item in the	list. Select the time period of		
Radwin All	- Auto Generate Data Types				
	Enable Export	Filename	Folder	<u> </u>	
	Pressure Volume Velocity Data	SUMA000.txt	c:\radwin_446\DATA\PVV		
	🗾 Thames Data	00000000 0000000	c:\radwin_446\DATA\THAMI	ES	
	🐻 ASCII All Channels	A_03CSV	c:\radwin_446\DATA\ASCII	ALL 🥃	
				>	
	Time Period				
	Last Day				
	Last 6 Months			Use t	the drop down menu to
	Last 12 Months				t how much data will be
	Last Days				
	Last Days From End Of File			in the	exported file.
	Last Downloaded Data 🛛 👻				-
J	Enable Global Update For These Paramete	rs	Save	Cancel	

Step 9

Location Config	uration10 : Radwin All			
Configure:	Auto Generate Data - The Data Generator can export data from a location in various formats. Select the required format(s) by double clicking the item in the list. Select the time period of data Autocall Auto Database Export Office Auto Generate Data Alarm/Error Exporting		list. Select the time period of data	
	Enable Export	Filename SUMA000.bxt 00000000 0000000 A_03CSV	For the "Last Days" time period typ the number of days data that the ex file should contain.	
	Time Period Last Days	Last 365	Days	
	Enable Global Update For These Paramete	ers	Save Cancel	

Using the settings above, every time the data generator runs up to one years worth of data will be in the file. You can change the number of days to anything you like.

Click Save to update the settings for the location.

Run Data Generator (in the same way as you would run Autocall – leave it running in the background) and the export will happen at the frequency specified by you (page 5).

Data Generator	
©HWM-Water	Page 9 of 9