

Ref: FAQ0401

Made By: AB 04/07/17

Version: 2.0

Title-Radwin remote logger config

(Issue 2)

Radwin Command File Generator for remote logger configuration

Radwin software (<u>http://www.hwmglobal.com/radwin-support/</u>) can provide the ability to generate command files which enable loggers calling into Datagate to be remotely reconfigured

This guide contains instructions on how to use Radwin to generate the commands together with a list that correlates some common requirements against the available Radwin options.

Follow this process -

1. Find your Radwin software folder on your PC 'C:' Drive and create a new folder in it called '**Cmd**' :-

Home Share View					C:\Radwin	
A Cut Paste Copy path Paste Paste shortcut Clipboard	Copy to Organize	New item • New folder New	Properties Open Open	Select all Select none Invert selection Select		
l → 🛧 🕌 ト This PC ト OS (C	:) ⊧ Radwin ⊧					
📕 CService model		A Nome	*	Date modified	Туре	Size
Customer issues register	(🐞 cmd		26/04/2017 14:38	File folder	
MicroCorr touch mtgs		DATA		11/05/2016 11:40	File folder	
NPI		DataGenFTP		07/08/2013 12:12	File folder	
Sales order review		🍌 localdbs		24/04/2017 10:54	File folder	
🍶 Serial number database		Logs		03/04/2017 15:56	File folder	
Nil value orders		🍌 Toran		22/03/2017 16:34	File folder	
PCN Review meetings		🍌 upd_files		07/04/2017 13:03	File folder	
Purchase reqs		WES_SMS		12/11/2013 08:58	File folder	
RPF Quality meeting		📕 zip		29/03/2016 15:58	File folder	
User Manuals		😹 Admin32.exe		16/03/2017 11:36	Application	936 KB
Sonic Sens		Administration H	elp.Eng	17/10/2007 15:42	ENG File	3 KB
Uebsite FAQ's - New format a	s on website	ADMNWORD.ENG	1	16/03/2017 10:44	ENG File	13 KB
🎉 Website FAQ's archive		ADMNWORD.ESP		04/04/2014 13:49	ESP File	14 KB
Windows_Drivers		Alarm Programm	er Help.ENG	26/01/2006 10:37	ENG File	8 KB
Yesterdays news		Alarm Receiver H	elp.ENG	20/01/2006 14:51	ENG File	7 KB
PerfLogs		AlarmProgramme	r.exe	16/03/2017 17:26	Application	3,640 KB
崖 Pictures		AlarmReceiver of		24/04/2017 10-54	CEG Eile	1 KR

In Radwin software select Configuration > Advanced Configuration > Autocall ports Tab

>			Radwin View V4.79 - [Empty 1]	. 🗆 🗙
Del	100 F	ile Download Options Graph Options Data Options Advanced	Configuration Start Window Help	_ 8 ×
	1	🛎 🕂 👯 🏘	Basic Configuration	
			Advanced Configuration	



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onfigure:				
Basic	Autocall Ports - Select the comm ports enable it and specify its function. If pro			
Radwin All	Database System Startup Autocall Ports	Autocall Options Printing		
- B Autocal	Enable Port	Connection Type:	Default Baud	^
- Data Generator R Export	COM1	DataGate		
Alarm Programm	COM2: Standard Serial over Bluetooth	Modem	300	
Alarm Receiver	COM3: u-blox Virtual COM Port (COM32)	SMS To DataGate	300	
Remote Autocal	COM4	DataGate		
Remote Alarm R	COM5	Modem	300	
	Соме	Modem	300	
		Modem	300	
	COM8	Modem	300	
	COM9	Modem	300	
	45 COM10	Modern	300	
	66 COM11	Modem	300	
	1.Scomp	Madam	200	~
			Edit Selected Item	

Select a free port and double click on it to edit .

Farmer of the second		e default baud rate is only important if this
Port Configuration Enable Port		Default Baud
COM1	Connection Type:	- 300 <u>-</u>
older Configuratio	'n	

Ensure port is enabled by selecting the tickbox.

Select 'GPRS from Folder' and then edit in the Folder Location. (in this example C:/Radwin/cmd)

Then select 'OK' to save



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3. From Radwin 'View' select 'Download Options' then 'Advanced Download/Upload/Utilities' and select a logger Type which contains GPRS support.

u (1			Radwin View V4.79 - [Empty 1]	-	×
	が File が	Download Options Graph Options Data Options	Avanced Configuration Start Window Help			- 5 ×
		Configure Logger Wizard Advanced Download/Upiload/Ubilities			Search Earling Search Results	

Ensure 'Enter New Parameters' is selected, and press OK.

	Advanced Downlo	oad/Upload/	Utilities	×
Logger Zone Location Type: Connection: Number:	Hultilog LX GPR	S	 ■ Baud: ■ Port: 	🞜 9600 ▾ 🞜 COM5: U. ▾
Download/Upload Utilitie	s Signal			
 Enter New Paramete 	15			
O Download Parameter	Settings For Last Recordin	ng		
O Download Parameter	Settings And All Recorded	d Data		
O Download Last Numl	per Of Days Data:		30	
O Download Logger Me	emory From Address:	0	Of Length:	0
			ОК	. Cancel

4. In each of the Tabs in the following screen, modify the settings as per your requirements, and select the 'Upload' button at the bottom.

Note: Ignore the subsequent warning as we are generating commands rather than uploading a logger.

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environmental RADIO-TECH	Title-Radwin remote logger config
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	Multilog	LX GPRS	×
Multilog LX GPRS Identity Logging Main Recording Pseudo Recording Data Display Configurat Comms GPRS Configuration	Identity: Zone: 0000 ocation: 000 Tiple ogger Time: 14:59:58	3 26/04/2017	
	Comments:		^
In order to provide secondary r	Load Save	Upload	Cancel

5. Ensure the Connection type is set to GPRS, the address has picked yup the previously configured port and device SIM number is added.

Upload Parameters ×
Logger Zone 0000 Location 000 Type: Multilog LX GPRS Connection: GPRS GPRS Port: Address: [16] C:\Radwin\cmd SIM Voice Number: Image: Comparison of the second of the se
Options Image: Main Recording Params and Restart Image: General Parameters (Identity/Units Per Pulse) Image: Channel Configuration And Stop Recording Image: Update Logger Time Image: GPRS Parameters Image: SIM Card Voice Number
Update Logger Time as: SIM Card Voice Number ('+' format): OK Cancel

Then select 'OK' to upload the command file to the Radwin folder 'cmd'.



	Logger Configuration File
R	A Logger Configuration File has been created. It will be uploaded to the logger when the logger next sends data.
	ОК

Select OK to complete the creation of the command file inh the cmd folder

6. Open the Radwin cmd file and copy the new command file that has just been created

Image: Part of Windows	^	Name	A	Date modified	Туре	Size
a 🍌 Radwin		🔒 cmd		26/04/2017 14:38	File folder	
🐌 cmd		DATA		11/05/2016 11:40	File folder	
DATA		DataGenFTP	Date created: 26/04/2017 14:38	07/08/2013 12:12	File folder	
DataGenFTP		localdbs	Empty folder	27/06/2017 08:55	File folder	
Iocaldbs		Logs		03/04/2017 15:56	File folder	
👑 Logs		Toran		26/06/2017 10:12	File folder	

7. Then paste the command file into the Toran cmd folder(this is the Toran software on your server receiving the incoming data from the loggers)

퉬 Logs	 Name	Date modified	Туре	Size
🕌 Toran	🕌 cmd	23/02/2015 12:53	File folder	
und Cond	\mu config	23/02/2015 12:53	File folder	
🕌 config	鷆 data	23/02/2015 12:53	File folder	
🕌 data 🔀 db	퉬 db	23/02/2015 12:53	File folder	
errors	i errors	23/02/2015 12:53	File folder	
Fws	鷆 fws	23/02/2015 12:53	File folder	
logs	🎍 logs	09/03/2017 11:02	File folder	
📔 wi5	🥌 wi5	07/09/2016 12:56	File folder	
🌗 upd_files	DOC-130-030 (Toran Installation Guide)	02/09/2014 17:35	Microsoft Word 9	1,113 KB
WES_SMS	🧭 lgudpsw.exe	20/09/2016 14:17	Application	1,665 KB
11 _:_	igudpsw.ini	09/03/2017 11:02	Configuration sett	4 KB

The next time the logger calls in it will pick up the command file and instigate the changes. These should be apparent when the logger next calls in.



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- 8. List of Radwin Options which can be covered by creating a command file -
 - 1. Changing site name (site info)

General Parameter (Identify/Units Per Pulse)

2. Channel configurations (such as scale, offset, channel type, on and off)

General Parameter (Identify/Units Per Pulse)

3. Logging intervals

Main Recording Params and Reset

4. Call-in times and call-in frequency

GPRS Parameters

5. Logging parameters (such as start logging immediately in IDT)

Main Recording Params and Reset

6. APN details (address, user name and password)

GPRS Parameters

7. Data destination (address, port, SMS no.)

GPRS Parameters

8. FTP details (user name, password, path)

GPRS Parameters

 UTC configurations
 It is not possible to send remotely as it is not known when the file will be picked up. E.g. file will be time stamped when created, not when logger calls in.

Document History:

Edition	Date of Issue	Modification	Notes
1st	26/04/17	Release	
2nd	04/07/17	Corrected process	