

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**' :-

) 🚺 = 1					C:\Radwin	
Home Share V	iew					
Paste Paste shortcut	Move Copy Delete Rename	New item ▼ Performed and the set of the se	Properties	Select all		
Clipboard	Organize	New	Open	Select		
🕘 🝷 🕇 🕌 ト This PC	FOS (C:) → Radwin →					
🎍 CService model		▲ Neme	*	Date modified	Туре	Size
Customer issues reg	gister	퉬 cmd		26/04/2017 14:38	File folder	
MicroCorr touch m	itgs	ATA DATA		11/05/2016 11:40	File folder	
		DataGenFTP		07/08/2013 12:12	File folder	
Sales order review		🎍 localdbs		24/04/2017 10:54	File folder	
Serial number datal	base	logs		03/04/2017 15:56	File folder	
Nil value orders		📕 Toran		22/03/2017 16:34	File folder	
PCN Review meeting:	S	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
Website FAQ's - New	format as on website	ADMNWORD.ENG	5	16/03/2017 10:44	ENG File	13 KB
Website FAQ's archiv	e	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
Vesterdays 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		AlarmPaceiver cfr		24/04/2017 10:54	CEG Eila	5,040 KD

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

>			Radwin View V4.79 - [Empty 1]	- 🗆 🗙
Del	₩. F	ile Download Options Graph Options Data Options Advanced	Configuration Start Window Help	_ 8 ×
	1	🖉 🕂 🕅 🔌	Basic Configuration	
н			Advanced Configuration	
			Search Topics Ist Introductor Geting Steering the Setting Che	arch Results



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(Issue 2)

nfigure:	VEEL Autocal Posts - Salact the commonte	to be used for Autocal Down	loads. Calact the remined post	la.
Basic	enable it and specify its function. If pro	cessing of SMS Messages is	required, but no SMS Modem i	is is
Radwin All				
Manual Call	Database System Startup Autocall Ports	Autocal Options Printing		
	Earth Dat Consulta Time Data Bart		Defauit Raud	
- Data Generator		DataGate	[Deiduk Daukt	
Export	COM2: Standard Serial over Bluetooth	Modern	300	
Alarm Programm	COM3: u-blox Virtual COM Port (COM32)	SMS To DataGate	300	
Remote Autocal	👮 СОМ4	DataGate		
Remote Alarm R	COM5	Modem	300	
	SCOM6	Modem	300	
	SCOM7	Modem	300	
	COM8	Modem	300	
	GO COM9	Modem	300	
	65 COM10	Modem	300	
	GD COM11	Modem	300	
	LECONIS	Madam	200	
			E dit Selected Item	

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

J determine:	now mis port is used to talk to loggers. Th	e default baud rate is only important if this
Port Configuration		6.7 Jac. 1
COM1	GPRS from Folder	- 300 <u>-</u>
older Configuratio	m	

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



Made By: AB 04/07/17

Version: 2.0

Title-Radwin remote logger config

(Issue 2)

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

u j	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: Topics Search Results Introduction Genting Started Setting the Database Path	

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

	Advanced Downloa	d/Upload/Ut	ilities	×
Logger Zone Location Type: Connection: Number:	₩ Multilog LX GPRS Direct (Cable)	<u>•</u>	Baud: Port:	🥃 9600 💌 🥃 COM5: U≲ ▼
Download/Upload Utilitie	s Signal			
 Enter New Parameter 	rs			
O Download Paramete	r Settings For Last Recording			
O Download Paramete	r Settings And All Recorded D)ata		
O Download Last Num	ber Of Days Data:	3	10	
O Download Logger M	emory From Address:	0 0	f 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.

	Ref: FAQ0401 Version: 2.0
	Title-Radwin remote logger config
Received to the second se	Made By: AB 04/07/17 (Issue 2)

	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: Construction of the second
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

Radlog For Windows	^	Name	*	Date modified	Туре	Size
A 🙀 Radwin		퉬 cmd		26/04/2017 14:38	File folder	
		퉬 DATA	Data created: 26/04/2017 14/20	11/05/2016 11:40	File folder	
		퉬 DataGenFTP	Empty folder	07/08/2013 12:12	File folder	
Decaldbs		localdbs		27/06/2017 08:55	File folder	
Logs		🍌 Logs		03/04/2017 15:56	File folder	
· · · · ·		뷀 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
鷆 Toran		🕒 cmd	23/02/2015 12:53	File folder	
퉬 cmd		sonfig	22/02/2015 12:55	File folder	
🐌 config			23/02/2015 12:55	File folder	
📔 data		ju data	23/02/2015 12:53	File folder	
db		🎍 db	23/02/2015 12:53	File folder	
		🎍 errors	23/02/2015 12:53	File folder	
		鷆 fws	23/02/2015 12:53	File folder	
ji tws		🌗 logs	09/03/2017 11:02	File folder	
iogs (Contraction of the contraction of the contrac		퉬 wi5	07/09/2016 12:56	File folder	
wi5		DOC-130-030 (Toran Installation Guide)	02/09/2014 17:35	Microsoft Word 9	1,113 KB
🎍 upd_files		I audosw.exe	20/09/2016 14:17	Application	1 665 KB
WES_SMS		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	