



Radwin Autocall



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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	18 Sept 07	First Draft	AMB
1.1	25Sept 07	First release	AMB

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Introduction

This guide will help you use Radcom Autocall.

The main purpose of Radcom Autocall is to automatically collect data from Radcom loggers. Usually communication takes place on a daily basis.

The first time a logger communicates with Autocall an Archive file will be created, and each subsequent communication will add data to the archive file.

Autocall is best suited to (but not restricted to) loggers which are permanently installed on a site. It takes care of automatically downloading your loggers, and filing data.

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Using Radcom Autocall





Continued...

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Setting Up a Database

If a database has been setup for Radwin then the application will be ready to use, and none of the steps below will be required.

If you have not run Radwin on this PC before, or if the database has moved you will see this screen.

System Configu	ration : Database Path	
Configure:	Database - Select the database location, Local or Ne datbase is Local or on a Network Server, enter the da	etwork Server, or Internet based (FTP site). If the atabase path (where the logger database and
Database Path	Database	
	Database Location C Local PC or Network Server C Internet (FTP site)	Logger Identity Selection Method:
	Local or Network Server Database Configuration Database Path: C:\Radwin\Data Mirror Database Path: C:\Radwin\DATA2	Browse Browse
		_
The def "c:\Rad You car	ault location for the database is win\Data" n do any of the following	
	database	
	Type a new path (or click browse) to ocate your database elsewhere Change the path to the location of an existing Radwin Database *	UK Cancel
	Then click OK	

*If you change the path to an existing database then the system configuration screen will close (after you click ok) and the application will be ready to use.

Continued...

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If you choose to change the path to a new location (without any Radwin database files) then this message will confirm that a new database will be created.

Databas	e not found 🛛 🕅
2	A database was not found in the selected folder. Do you wish to create a database in this folder?
	<u>Y</u> es <u>N</u> o

<create database="" new=""></create>	The default database identity
Database Identity Format:	cases.
OK to create the database path: C:\Documents and Settings\andvb.RADCOM\Desktop\datax	If you change it, then it can not be changed afterwards.
WARNING: The Identity Format For This Database Cannot Be Changed After Selecting OK.	Radcom recommends keeping the default format (ZZZZ LLL) unless you have been advised that you will need a different
	Click OK

After clicking OK the database files will be created and application will be ready to use.

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Autocall Running

Run Autocall by clicking the Autocall Icon on the start menu. Follow instructions described on page 5.



Autocall will attempt to initialise the communication port or ports configured in Radcom Setup. This may take about 10 seconds.

You will see a message similar to this on the screen after the initialisation.



The application will state which ports have been initialised.

Click Continue to start Autocall. Click Errors to see the Error Table. Click Abort to close Autocall

Autocall Manager Options

Autocall Enable

If enabled (ticked) then Autocall will start communicating with loggers in the call list after Continue is clicked.

Update Logger Time

If enabled (ticked) then after downloading data if Autocall determines that the logger's clock is adrift by a pre-determined amount then the logger will be re-started and the clock corrected. This is only possible with PSTN or GSM loggers.

Direct Autocall Enable

This will allow Autocall to communicate with loggers directly connected to your PC or Server.

Setting Up Communication Ports

Open Errors Port Status ERROR - No Comms Ports Selected For Autocall Autocall Manager	Autocall requires at least one dedicated communication port. Usually this is connected to a modem. If you have not selected a port to be used then you will see this error message. Refer to the Radwin Setup manual for instructions on setting up Autocall Communication ports.	
Autocall Enable 📃 Update Logger Time		
Direct Autocall Enable		
Continue Errors	Abort	

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🔀 Radcom Autocall - Computer 1		
File Options Configuration Start Help		
🥦 😰 🔷		
ට්ටි Comm1 9600 Baud Direct Logger (RS232)	-	Autocall 😐 🛎
_ Ø ∉ Listening	Abo	Sanah
Scomm3 300 Baud Modem		Topics Search Results
Jz≊ ^z Port Idle	Abo	Introduction Getting Started Configuring Autocall Comm Ports Configuring Loggers for Autocall Download Scheduled Calling
		Introduction Autocall is the automatic data download package of Radlog For Windows. It may be configured to use up to 32 comm ports, providing parallel download capability of Radcom data loggers. It supports Direct, PSTN Modem, GSM Modem, SMS Modem, and Paknet Modem connection types. Getting Started
	RADCON TECHNOLOGIES LID	In order for Autocall to communicate, Comm ports and there connection types must be configured for use with Autocall. Loggers within the location database must then be Autocall Enabled, and given a download time if scheduled downloads are to be performed. Configuring Autocall Comm Ports
Copyright ©2007 Radcom Technologies Ltd	Current Errors: 0 Logger Time:	: 10/12/2007 16:35:54 🖉 🕵 NUM

In this screen shot Autocall is running with two communication ports.

Comm1 is a Direct Logger port. Comm2 is connected to a Modem.

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Autocall Icons	🔀 Radcom Autocall - Computer 1				
	File	Options	Configuration	Start	Help
	X	9 📑			
View Call Status (Autocall	List)		Error Ta	able]

Autocall List

🐴 Autocall List -	c:\Radwin_444\DAT	A		
List Type: 🛛 🖳	Scheduled Calls	Computer Identity:	💻 Compute	r 1 💌
Modem Connection	Modem GSM CALL IN	Paknet Modem Connection	Direct Connection	SMS Modem Con
Identity: <u>/</u> 20000 20123	Last Good Call Time: Not Scheduled Not Scheduled	Next Call Time:	Name Main Outlet South Tower	
Print	Force Download	Radlink P	'sion H	elp Cancel

Error Table

🗿 Autocall Error	Table			
Computer Identity:	AI	-		
Level 1 Level 2	Level 3 Level 4 Level 5	1		(
Identity:	Call Time: 🗸	Port	Error:	
<)	>
Delete	Print	Export.	. View	Help Cancel

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📲 Radcom Setup

options

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File

Start Help

SMS Modem Test

Communication Port Configuration

Run Radwin Setup.

Click the System Configuration icon

Select the Autocall Ports tab _



Double click the COM port which the modem is connected to.

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Tick	the box to enable t	he port	Select	t SMS modem from the oction type drop down menu	
	Configure Port				
	Select Enable F determines how Port Configuration	Port to use this port with Autocall A 0 this port is used to talk to loggers. T	Connection Type n he default baud ra	nust be specified which ate is only important if this	
	Enable Port:	Connection Type:		Default Baud Rate:	
	COM4	SMS Modem	•	5 9600	
	SMS Modem Telephon	e Number:			
	+4478253520099		Select	Change the default baud rate to 9600	
	SMS Message Centre Number				
			,		
Typo	the SMS modern	tolophono numbor in inte	vrnational fo	rmat	
Type			malionario	innat.	
This	is the phone numb	er from the SIM card you	u put into the	e modem.	
L					
			[OK Cancel	

Click OK to finish.

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Scroll to the right and click on the Modems tab.

Syst	tem Configur	ation : Radwin All				
•	Configure: Basic	Modems - Configure the r Tone Dial. The line type a	nodem settings. Most allows a dial out code	modern modems to be specified. If t	ill be configured as Fast Escape he line type is set to internal (mod	and 🔨 dem 🚽
=	Radwin All	Comms Port: Escape:	Dial Mode: Tone	Line Type:	Modem Control String: S2=43S12=25M1	
L.	Manual Call	COM2 Slow COM3 Slow COM4 Slow COM5 Slow	Tone Tone Tone Tone	External Internal External External	S2=43512=25M1 S2=43S12=25M1 S2=43S12=25M1 S2=43S12=25M1	
	View	GCOM6 Slow Slow Slow	Tone Tone	External External	S2=43S12=25M1 S2=43S12=25M1 Edit Selected Item	
	Autocall	Modem No Carrier Timeout. Paknet No Carrier Timeout:	45 Seconds 45 Seconds	 Internal Exchange Pager Wakeu 	ange Dial Out Code: 9 np Time: 120 Seconds	•
	Data Generator	Satellite No Carrier Timeout:	90 Seconds	_		
	.<u>40</u>	Help - Find Available Ports				ncel

Double click on the com port used by your new modem

Configure M	o dem		
Config be Fa	gure the modern attach st for modern moderns	ed to the selected o (try Slow if modem e	com port. Escape Speed will normally Arrors occur). Dial Mode is normally
Modem Setup	5 - CUM4		
Escape:	Dial Mode:	Line Type:	Modem Control String:
Slow	▼ Tone	▼ External	
			OK Cancel

Delete the modem control string.

Click OK to close the Configure Modem window, and the click OK to close the System Configuration window.

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Test the Modem with Radwin

Run Radwin Autocall

🔀 Radcom /	Autocall V4.	47 - Computer 1								
File Options	Configuration	Start Help								
)	۸									
a Comm4		SMS Modern								
) %	Listening			Abort						
										0
										RADCON
Convright @200	08 Padcom Tech	vologier Ltd				Current Errores	Logger Time:	10/06/2009 09/22/10	6.5	INCHNOLOGES LID
Copyright (G200	oo kaacoliii teu	noiogios cod				Contone Errors:	coggor time:	19/00/2000 00:22:19	18 × 28 ×	100H1 ///



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Unprocessed SMS Messages		
The SMS message list displays all received messages that have not beer shows the current message status, indicating why it is in the list. The mes	processed. The Status column sage column displays the message	
Pending Logger - Number Not Found Logger - Errors Logger - Alarms Tex		
From Time Time Status	Message	
Reply New Delete Summary Export Message Count: 0 (5)	Click the New butto	on
	Send SMS Text Message	8
	Send SMS Text Message Allows SMS messages to entered or selected from	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected
	Send SMS Text Message Allows SMS messages to entered or selected from	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected
	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected 🚽
	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers Message:	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected Logger Commands
Click SMS Modem Test button	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers Message:	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected Logger Commands
Click SMS Modem Test button	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers Message:	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected Logger Commands
Click SMS Modem Test button	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers Message: Send Time Send Time Immediate - Send Now	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected Logger Commands 15:00:00
Click SMS Modem Test button	Send SMS Text Message Allows SMS messages to entered or selected from To Numbers To Loggers Message: Send Time © Immediate - Send Now © Wait Until:	to be sent using the SMS Modem. Numbers may be n the phone book, and logger identities may be selected Logger Commands 15:00:00 19/06/2008

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Send SMS Text Message							
Allows SMS messages to be sent using the SMS Modem. Numbers may be entered or selected from the phone book, and logger identities may be selected							
To Numbers +4478253520099							
To Loggers							
Message:	Logger Commands						
SMS Modem Test Select 'Send' to test the SMS Modems. Check the SMS Message List to ensure this message is received by each SMS Modem.							
Send Time	Send Time						
Immediate - Send Now							
C Wait Until: 15:00:00	19/06/2008						
SMS Modem Test	Send Cancel						

The boxes will auto fill with your modem telephone number and the test message Click Send.

Send SMS Text Message						
♪	Select OK to send the text message to the selected destinations.					
	OK Cancel					

Click OK.

A message will be sent from your modem to your modem!

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When the modem receives the test message you will see it under the Text tab of the unprocessed message list.

Unprocessed SMS Messages						
The SMS message list displays all received messages that have not been processed. The Status column shows the current message status, indicating why it is in the list. The message column displays the message						
Pending Logger - Number	Not Found Logger - Errors	Logger - Alarms Text	1			
From	Time $ abla$	Status	Message 🔨			
₩ +447740591654	10:29:30 06/06/2008	Text Message				
Reply New Message Count: 25 (25)	Delete	Summary Export	Refresh Cancel			

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eriadeenn (reennelegies) Eta	



Test the Modem with a Mobile Phone

Run Radwin Autocall

🔀 Radcom .	Autocall V4.47	7 - Computer 1					
File Options	Configuration S	Start Help					
)							
ස් Comm4		SMS Modem					
9 (Listening		Abort				
							6
							RADCON
Copyright ©20	108 Radcom Techno	ologies Ltd		Current Errors:	Logger Time: 19/06/2008 08:22:19	ű× u×	NUM



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Unprocessed SMS Messages	
The SMS message list displays all received messages that have not be shows the current message status, indicating why it is in the list. The m	een processed. The Status column Alexandre Status column Alexandre Status column St
Pending Logger - Number Not Found Logger - Errors Logger - Alarms T	ext
From Time T Status	Message
	Click the New button
Reply New Delete Summary Expo Message Count: 0 (5)	ort Refresh Cancel
	Send SMS Text Message
Type your mobile phone number into the To Numbers box	Allows SMS messages to be sent using the SMS Modem. Numbers may be entered or selected from the phone book, and logger identities may be selected
	To Numbers
	To Loggers
Type your message into the Messages box	Message: Logger Lommands
Click Send	Send Time Immediate - Send Now
	C Wait Until: 15:00:00 19/06/2008
	SMS Modem Test Send Cancel
Send SMS Text Message	X
Select OK to send the text message to the	selected destinations.
OK Cancel	

Click OK.

The message you typed into the message box will be sent from your modem to your phone.

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If you reply to the test message on your phone Radwin will display the message under the Text tab of the unprocessed message list.

Unprocessed SMS Messages				
The SMS message list displays all received messages that have not been processed. The Status column shows the current message status, indicating why it is in the list. The message column displays the message				
Pending Logger - Number Not Found Logger - Errors Logger - Alarms Text				
From	Time 🗸	Status	Message 🔨	
₩ +447740591654	10:29:30 06/06/2008	Text Message		
Image: A state of the state			×	
Reply New	Delete	Summary Export	Refresh Cancel	
Message Count: 25 (25)				

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Start Other Radwin Programs



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