MULTIPATH-IP UPLOAD/DOWNLOAD

PARADOX DIALLER

Version 1.2

Before You Begin

A High speed broadband Internet connection is recommended for use of the Multipath-IP upload/ download feature. Using a mobile hotspot can introduce delays which may impact on the performance of the upload / download feature.

The latest version on the Multipath-IP client must be installed on the same machine as your panel software.

A com0com virtual COM port pair must be installed to link the Multipath-IP software and the panel software. Instructions on how to do this are at the end of this guide. For this guide we will be using ports 10 and 11.

A 300 baud Windows modem must be installed on one half of the virtual COM port pair. Instructions on how to do this are at the end of this guide. For consistency we recommend installing the modem on the higher port number.

Panel Setup

The Paradox must be programmed for remote upload / download via telephone line. Below are basic settings that must be enabled. Please consult the relevant Paradox programming manual for more detailed information.

The panel must be programmed to answer a call after 2 rings.

The Panel ID and PC Password must be programmed. Make a note of these settings as they will be needed in the BabyWare software.

For EVO panels: Rings to answer: Section 3051, Panel ID: Section 3011, PC Password: Section 3012.

For MG/SP panels: Rings to answer: Section 901, Panel ID: Section 910, PC Password: Section 911.

Multipath-IP Client setup

Log into your Multipath-IP Client Software using your Username and Password.



Select the T4000 to use from the main grid of the Monitored STUs section.

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M	lonitored ST	Us							
	raa a calum	n handar hara	to group by that	column.					
	rag a colum	in neauer nere	to group by that						
	Status 🔻	Client Code	Serial Number	Model	Version	Bureau 📍	Site Name	Plan	GSM Signal Strength
٩									
	V	56.0456	TM006503	T4000	3.7.0.2530	J.H Security	R&D Integriti Test - LH Controller	TC3DE - Class 3 Telstra Dua	
	V	56.0599	TM020505	T4000 Lite	0.0.0.2567	C.N Security	Chris T4000 (DESK - Rev_G)	TC4DE - Class 4 Telstra Dua	
۲	V	56.0654	TM000452	T4000	3.7.0.2530	Demonstration Bureau	Demo Account	TC3DE - Class 3 Telstra Dua	
	V	56.0545	TM999005	T4000	3.7.0.2530	J.H Security	Nemtek test (Dan's desk)	TC3D - Class 3 Telstra Dual	
	V	56.0588	TM014414	T4000 Lite	3.7.0.2530	E.M Security	Paradox SP6000 Keyswitch	TC3D - Class 3 Telstra Dual	
	V	56.0590	TM014416	T4000 Lite	3.7.0.2530	E.M Security	Hills R 128 Keyswitch	TC3D - Class 3 Telstra Dual	
	V	56.0572	TM999001	T4000	0.0.0.2540	E.M Security	Upload/Download Test	TC3D - Class 3 Telstra Dual	
	A	88.8888	TM900179	T4000 Lite	0.0.0.2564	D.S Security	Ethernet Router Test	TC3DE - Class 3 Telstra Dua	
	0	56.0589	TM014415	T4000 Lite	3.7.0.2530	E.M Security	Bosch 6000 Keyswitch	TC3DES - Class 3 Telstra Du	
	0	56.0477	TM900180	T4000	0.0.0.2428	C.N Security	Chris T4000 (DESK - Rev_F)	TC3DE - Class 3 Telstra Dua	
	0	56.0647	TM020508	T4000 Lite	3 7 0 2530	123456 Security	Test Wall #2	TestWorld3	

Double Click on the T4000 to open the STU details page. Go to the Upload/Download tab. From the Preconfigured Settings dropbox select Paradox Dialler.

Save Changes 👉 C	ancel Changes 😃 Save & Write Programming
TU Programming Upload	/ Download Tests Remote Control STU Console Programming Preview
onfiguration for Over-The-	-Air upload/download of the connected alarm panel.
-	
elect the panel type from t	the Preconfigured Settings list. If the client's panel type is not listed contact Multipath-IP support.
	Click for Online H
Preconfigured Settings	
	Bosch Solution 6000 Dialler
Customized Settings (Ad	Challenger V10 Serial
Customized Settings (Ad	Concet ZK Dialer
⊿ Mode	Concept 2/4K Dialer
Mode	Concept 3/4K Serial
Modem Settings	Crow Runner Dialler
CommsChannel	DSC Dialler Honevwell Vista
CommsDuplex	ICP-488/Solution 16
CommsMethod	Integriti Serial (RS232 Only)
HtxCarrier	NX/Hills Reliance Dialler
MinimumPanelReceive	Paradox Dialler Paradox EVO 192 Serial
RxGain	Paradox Evol 192 Senai Paradox Legacy Dialler
TxGain	Paradox SP/MG Senal
Serial Settings	
BaudRate	300
DataBits	8
Parity	None
	RS232 - Vart
SerialInterface	

Click **Save & Write Programming** to push the changes to the T4000 immediately. If you just save changes they will be written to the T4000 the next time it polls in.

Close the STU details dialog.

Initiating Upload Download

Right Click on the T4000 to use in the main grid of the Monitored STUs section. From the popup menu choose Upload / Download.

	Status 👻	Client Code	Serial Number	Model	Version	Bureau	٩	Site Name		Plan	GSM Signal Strengt
٩											
Τ	V	56.0456	TM006503	T4000	3.7.0.2530	J.H Security		R&D Integriti Test - LH Co	ntroller	TC3DE - Class 3 Telstra Dua	
	V	56.0599	TM020505	T4000 Lite	0.0.0.2568	C.N Security		Chris T4000 (DESK - Rev_	G)	TC4DE - Class 4 Telstra Dua	
•	 Image: A second s	56.0654	TM000452	T4000	3.7.0.2530	Demonstration		Demo Account	1	TC3DE - Class 3 Telstra Dua	
	1	56.0545	TM999005	T4000	3.7.0.2530	J.H Sect	Edit Config			TC3D - Class 3 Telstra Dual	
	V	56.0588	TM014414	T4000 Lite	3.7.0.2530	E.M Sea	View Messa	ges	1	TC3D - Class 3 Telstra Dual	
	1	56.0590	TM014416	T4000 Lite	3.7.0.2530	E.M Sea 😃	Write Progr	amming		TC3D - Class 3 Telstra Dual	
	V	56.0572	TM999001	T4000	0.0.0.2540	E.M Sea 📟	Send Comr	nand		TC3D - Class 3 Telstra Dual	
	A	88.8888	TM900179	T4000 Lite	0.0.0.2564	D.S Sec 📖	Up/Downlo	ad		TC3DE - Class 3 Telstra Dua	
	0	56.0589	TM014415	T4000 Lite	3.7.0.2530	E.M Sea ᡭ	Firmware U	pdate		TC3DES - Class 3 Telstra Du	
	0	56.0477	TM900180	T4000	0.0.0.2428	C.N Sea 🔦	Reset Up/D	ownload Statistics	F)	TC3DE - Class 3 Telstra Dua	
	0	56.0647	TM020508	T4000 Lite	3.7.0.2530	123456	Start Review	v 🕨		TestWorld3	
	0	56.0179	TM003010	T4000 Lite	0.0.0.2429	M.V Test	Suspend M	anitarian	st - DO NOT CHANGE	TC3DES - Class 3 Telstra Du	

You will be prompted to select a COM port. Select one of the com0com virtual COM port pair ports and click Connect. This will be the COM port that **does not** have the modem installed on it.

No Select Com Port	
	nich is paired to the com port to which r management software.
Virtual COM Port	COM10 -
	CONNECT Cancel

The Upload Download dialog will open and contact the T4000 starting the session. Once the phrase **Please start your Panel Software Connection** has been displayed you can open your panel software and initiate the connection to the panel.

🐗 Upload / Download D	emo Account : COM10			
Contacting T4000 Open Com Port 'COM10' T4000 communication est Please start your Panel Sc T4000 Modem Communic	oftware Connection			*
				~
	T4000 Mod	em Communication Ready.		
Com Port Status Disconnected	Data Transfer Tx: 0 (0.000Bytes/s)	Rx: 0 (0.000Bytes/s)	Restart	Close

Panel Software Setup and Connection

Open the BabyWare software and select the account. Set the Connection Option to Modem

nts)					0	Refr	esh 📄 O	pen 底 Save 🔇 Conn	ect 🔒 My Profil
Q	Group		Panel Type 🔻	Version	Connection Option		Contacts	System Login / Panel ID	System / PC Pase
	New		SP6000	04.94.000	Modem 👻			1234	****
	New	•	SP6000	04.94.000	Serial 🔹			1234	****
	New	•	MG5050	04.77.001	Serial 🔹			1234	****
	New	•	MG5050	04.77.001	Serial 👻			1234	****
	Deleted	•	EV0192	04.52.000	Modem 👻			1234	****
	New	•	EV0192	04.52.000	Serial 👻			1234	****

Open the Settings Connection menu.

Modem	See Instruction
COM Port	com0com - serial port emulator CN(👻
Modem Type	OTHERS -
* Modem init. string for Control	Panel supporting 1200bps
Panel Phone #	1234
Modem Response	
Advanced Test	Windows Modem Options
Answering Machine Override 📗]
Ring Cycle Duration	0.0 🔺 Get Ring Cycle Duration

Set the COM port to the other half of the com0com pair, e.g. COM11. Set the Modem type to OTHERS. Enter a Panel Phone number for the software to dial. The actual number does not matter it is just used to trigger the connection. Click OK to save the settings.

On the accounts screen highlight the account and click Connect. BabyWare will initiate the modem and start the connection.

Gw System Progress (20%)	
Please wait until the software has completed the software has completed the software has completed the software has completed the software has been softw	ne following tasks.
Tasks Module Details	
Description	Progress
Opening Port (COM 11)	Completed
 Configuring Modem (OTHERS) 	Completed
➡ Dialing (1234)	Processing
Close this dialog box when transfer completes	
Cancel RX TX 2 / 10 Tasks	V OK

Verifying and closing Upload Download

Once the Panel software initiates its connection data will start to pass through the T4000. In the upload download window the Data Transfer Tx and Rx values will start to increase.

🚜 Upload / Download D	emo Account : COM10		E	- • •
Contacting T4000 Open Com Port 'COM10' T4000 communication est Please start your Panel So T4000 Modem Communic T4000 is dialling the pane Upload / Download in ses	oftware Connection ation Ready. I			*
	Upload	/ Download in session	_	
Com Port Status Connected	Data Transfer Tx: 25 (0.253Bytes/s)	Rx: 187 (1.893Bytes/s)	Restart	Close

If you do not see any change in these values check the configuration of you Multipath-IP client and your Panel software.

At the end of your upload download session disconnect your panel software as normal. Once the panel software has disconnected close the Multipath-IP upload download window.

com0com Setup

Open the com0com **setupg.exe** as an administrator. By default this will be installed in C:\Program Files (x86)\com0com

Setup for com0com - 0 💌 Virtual Port Pair 0 COM10 COM11 . CNCA0 use Ports class use Ports class emulate baud rate 👿 🔽 emulate baud rate enable buffer overrun 👿 🔽 enable buffer overrun enable plug-in mode enable plug-in mode enable exclusive mode enable exclusive mode enable hidden mode 📃 📃 enable hidden mode RX 🖶 RX 🖝 TX 🖝 - TX DTR 😐 DTR DSR 🖝 DSR DCD 🗢 DCD RTS RTS 🖝 CTS 🖝 CTS RI 📢 •>• RI OUT1 💻 OUT1 OUT2 😐 OUT2 OPEN . OPEN ON Add Pair Remove Reset Apply

Click on Add Pair to create a new virtual COM port pair.

Once the pair is added they must be renamed as COM numbers. We recommend using COM10 and COM11, if these ports are already in use you can use different numbers.

Emulate Baud Rate and Enable Buffer Overrun must be enabled on both ports.

After these changes have been made click Apply. Once complete close the com0com setup.

Windows Modem Setup

Open Windows Phone and Modem setup. This is accessible from Control Panel or searching from the start menu.

in the second se	×
Dialing Rules Modems Advanced	
The following modems are installed:	
Modem Attached T	o
🛞 Add 🛞 Remove	Properties
OK Cancel	Apply

When prompted tick **Don't detect my modem; I will select it from a list.** Then click Next.

Install New Mod Do you want V	Iem Windows to detect your modem?
	Windows will now try to detect your modem. Before continuing, you should:
	 If the modem is attached to your computer, make sure it is turned on.
	2. Quit any programs that may be using the modem.
	Click Next when you are ready to continue.
	☑ Don't detect my modem; I will select it from a list.
	—



From the list of Models select the 300 baud Standard modem. Then click Next.

Install New Modem	
Select the manufacturer ar an installation disk, click H	nd model of your modem. If your modem is not listed, or if you hav ave Disk.
Manufacturer (Standard Modem Types)	Models Communications cable between two computers Cable be
This driver is digitally signed.	Have Disk

Select which port to install the modem on. This must be one of the com0com virtual COM port pair created earlier. For consistency we recommend using the higher port number for the modem.

to install it?		
to install it?		
to install it?		

Click the next button to install the modem and click Finish. Your new modem will now be displayed in the modem list.