



MULTIPATH-IP UPLOAD/DOWNLOAD

PARADOX SP/MG SERIES SERIAL

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.

Panel Setup

The Paradox must be programmed for upload / download via direct serial . Below are basic settings that must be enabled. Please consult the Paradox installation manual for more detailed information.

A Panel ID [section 910] and a PC Password [section 911] must be programmed. Make a note of these settings as they will be needed by the panel software.

Multipath-IP Client setup

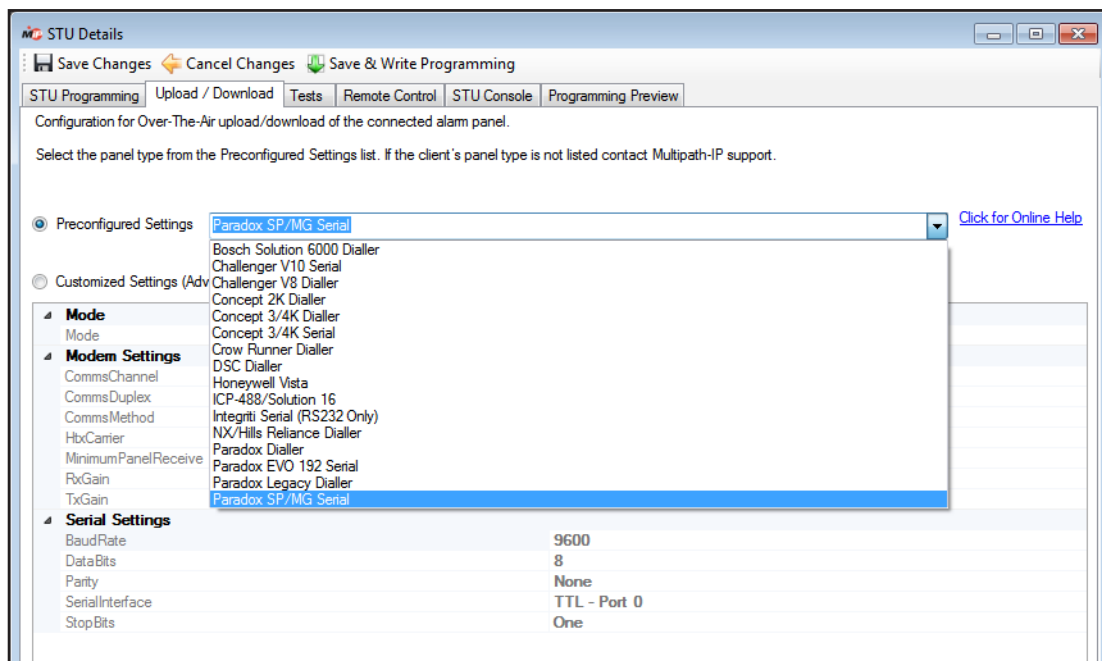


Log into your Multipath-IP Client Software using your Username and Password.

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

Status	Client Code	Serial Number	Model	Version	Bureau	Site Name	Plan	GSM Signal Strength
✓	56.0456	TM006503	T4000	3.7.0.2530	J.H Security	R&D Integriti Test - LH Controller	TC3DE - Class 3 Telstra Dua...	
✓	56.0599	TM020505	T4000 Lite	0.0.0.2567	C.N Security	Chris T4000 (DESK - Rev_G)	TC4DE - Class 4 Telstra Dua...	
▶	56.0654	TM000452	T4000	3.7.0.2530	Demonstration Bureau	Demo Account	TC3DE - Class 3 Telstra Dua...	
✓	56.0545	TM999005	T4000	3.7.0.2530	J.H Security	Nemtek test (Dan's desk)	TC3D - Class 3 Telstra Dual ...	
✓	56.0588	TM014414	T4000 Lite	3.7.0.2530	E.M Security	Paradox SP6000 Keyswitch	TC3D - Class 3 Telstra Dual ...	
✓	56.0590	TM014416	T4000 Lite	3.7.0.2530	E.M Security	Hills R128 Keyswitch	TC3D - Class 3 Telstra Dual ...	
✓	56.0572	TM999001	T4000	0.0.0.2540	E.M Security	Upload/Download Test	TC3D - Class 3 Telstra Dual ...	
⚠	88.8888	TM900179	T4000 Lite	0.0.0.2564	D.S Security	Ethernet Router Test	TC3DE - Class 3 Telstra Dua...	
⊘	56.0589	TM014415	T4000 Lite	3.7.0.2530	E.M Security	Bosch 6000 Keyswitch	TC3DES - Class 3 Telstra Du...	
⊘	56.0477	TM900180	T4000	0.0.0.2428	C.N Security	Chris T4000 (DESK - Rev_F)	TC3DE - Class 3 Telstra Dua...	
⊘	56.0647	TM020508	T4000 Lite	3.7.0.2530	123456 Security	Test Wall #2	Test/Wodd3	

Double Click on the T4000 to open the STU details page. Go to the Upload/Download tab. From the Preconfigured Settings dropdown select Paradox SP / MG Serial.

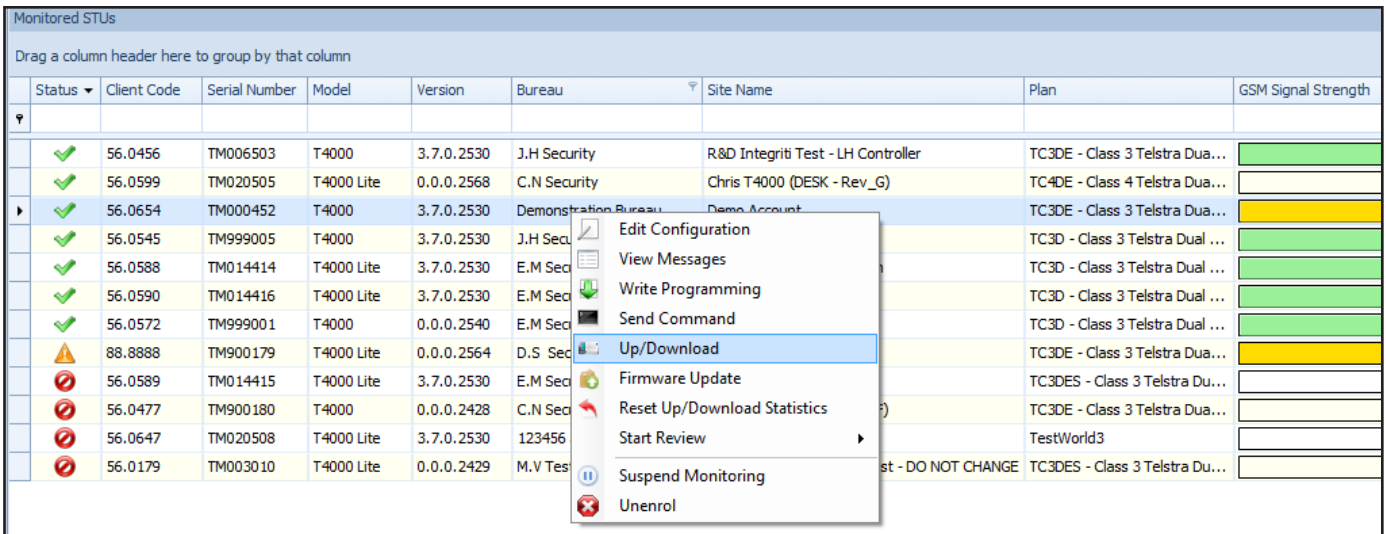


Click **Save & Write Programming** to push the changes to the T4000 immediately. If you just save changes they will be written to the T4000 the next time it polls in.

Close the STU details dialog.

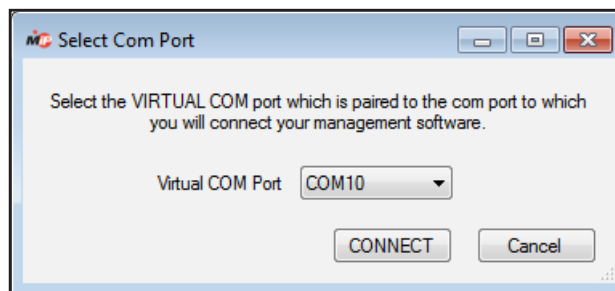
Initiating Upload Download

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

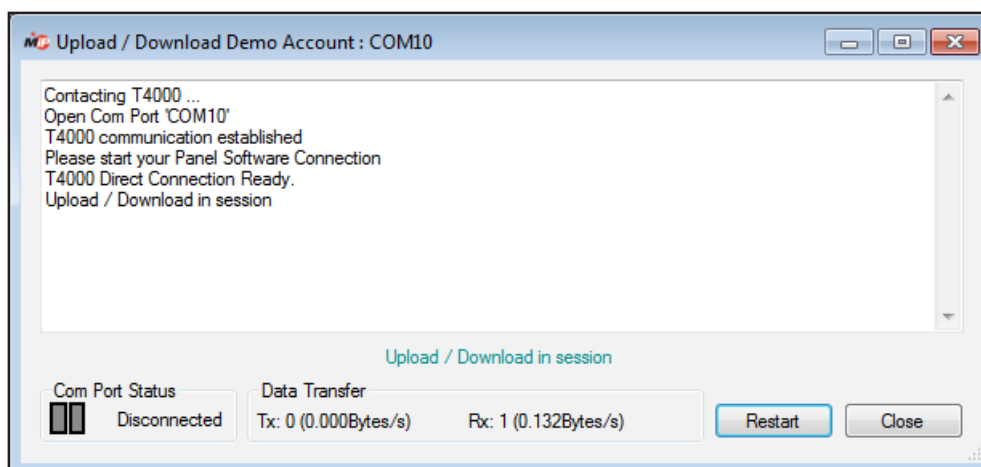


Status	Client Code	Serial Number	Model	Version	Bureau	Site Name	Plan	GSM Signal Strength
✓	56.0456	TM006503	T4000	3.7.0.2530	J.H Security	R&D Integriti Test - LH Controller	TC3DE - Class 3 Telstra Dua...	
✓	56.0599	TM020505	T4000 Lite	0.0.0.2568	C.N Security	Chris T4000 (DESK - Rev_G)	TC4DE - Class 4 Telstra Dua...	
▶	56.0654	TM000452	T4000	3.7.0.2530	Demonstration Bureau	Demo Account	TC3DE - Class 3 Telstra Dua...	
✓	56.0545	TM999005	T4000	3.7.0.2530	J.H Secu		TC3D - Class 3 Telstra Dual ...	
✓	56.0588	TM014414	T4000 Lite	3.7.0.2530	E.M Sec		TC3D - Class 3 Telstra Dual ...	
✓	56.0590	TM014416	T4000 Lite	3.7.0.2530	E.M Sec		TC3D - Class 3 Telstra Dual ...	
✓	56.0572	TM999001	T4000	0.0.0.2540	E.M Sec		TC3D - Class 3 Telstra Dual ...	
⚠	88.8888	TM900179	T4000 Lite	0.0.0.2564	D.S Sec		TC3DE - Class 3 Telstra Dua...	
✗	56.0589	TM014415	T4000 Lite	3.7.0.2530	E.M Sec		TC3DES - Class 3 Telstra Du...	
✗	56.0477	TM900180	T4000	0.0.0.2428	C.N Sec		TC3DE - Class 3 Telstra Dua...	
✗	56.0647	TM020508	T4000 Lite	3.7.0.2530	123456		TestWorld3	
✗	56.0179	TM003010	T4000 Lite	0.0.0.2429	M.V Tes		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. For consistency we recommend using the lower port of the COM port pair.

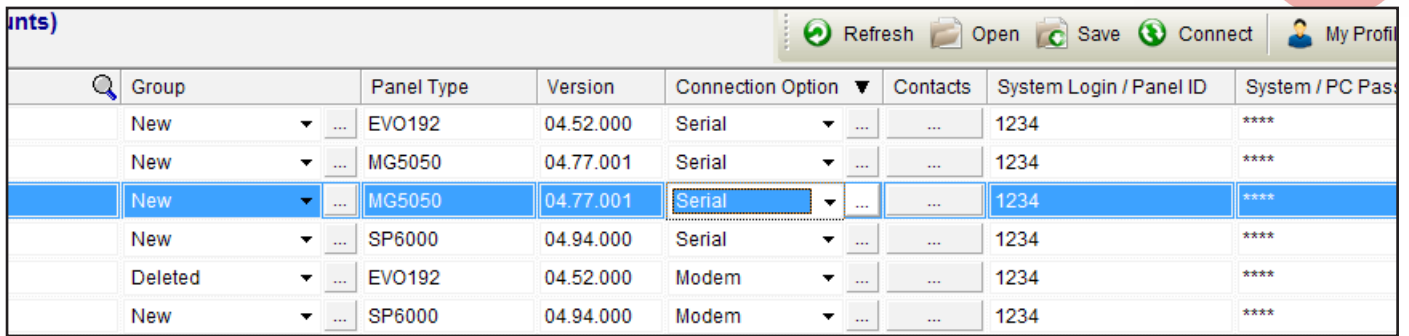


The Upload Download dialog will open and contact the T4000 starting the session. Once the phrase **Please start your Panel Software Connection** has been displayed you can open your panel software and initiate the connection to the panel.



Panel Software Setup and Connection

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



Group	Panel Type	Version	Connection Option	Contacts	System Login / Panel ID	System / PC Password
New	EVO192	04.52.000	Serial	...	1234	****
New	MG5050	04.77.001	Serial	...	1234	****
New	MG5050	04.77.001	Serial	...	1234	****
New	SP6000	04.94.000	Serial	...	1234	****
Deleted	EVO192	04.52.000	Modem	...	1234	****
New	SP6000	04.94.000	Modem	...	1234	****

Open the Settings Connection menu.



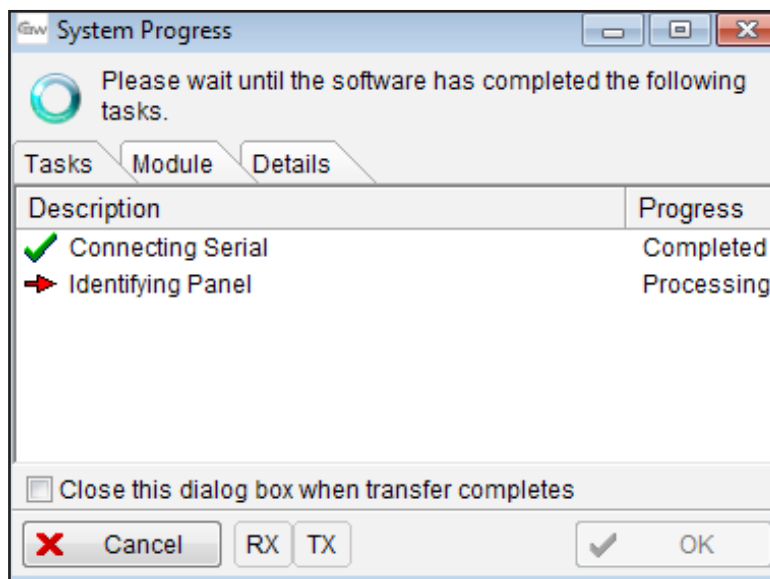
Serial

COM Port: com0com - serial port emulator CN...

Baud Rate: Autodetect

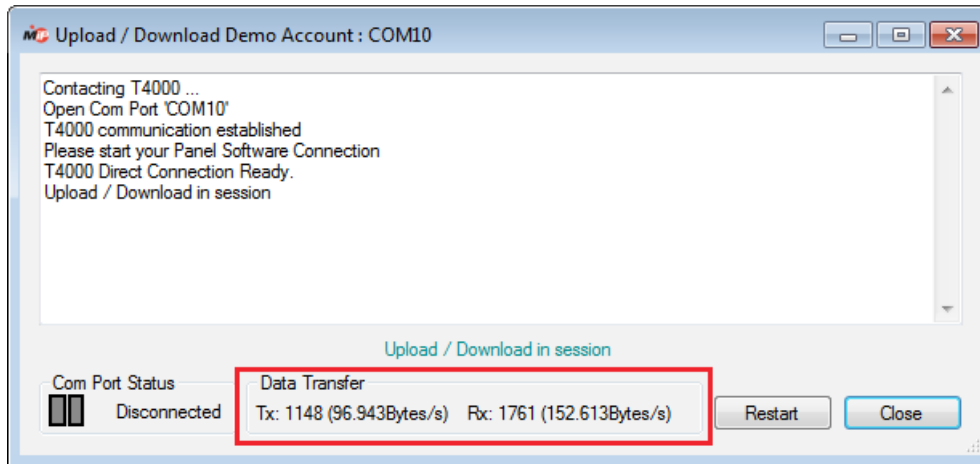
Set the COM port to the other half of the com0com pair, e.g. COM11. Set the Baud Rate to Auto Detect.

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



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.



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

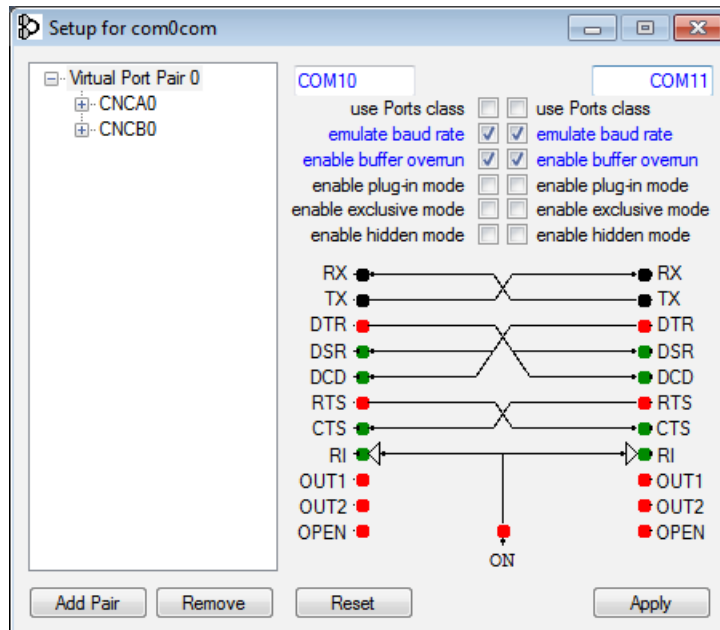
At the end of your upload download session disconnect your panel software as normal. Once the panel software has disconnected close the Multipath-IP upload download window.

com0com Setup



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

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.