



Technical Bulletin

Replacing a CE board with a MX box

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Scope

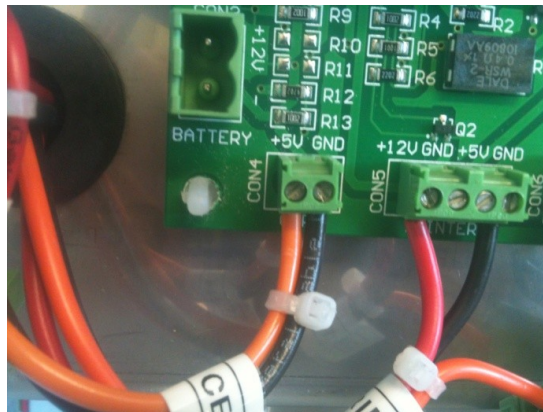
This document is to explain how to install the Compac MX box in an OPT that had a CE board. This will need to be done when a CE board fails as they are no longer available and must be replaced with the later MX box hardware. The software inside the box is the same but the layout and connections are in different places.

This Technical bulletin deals with the hardware differences only and not the software configuration. As the setup and configuration can change from customer to customer you will need to contact the helpdesk to plan out and install each upgrade.

Power

The Compac MX Box is powered by 12 volts not 5 volts like the existing CE board.

When upgrading to the Compac MX Box you will need to Remove the 5 volt power cables connected to CON4 on the UPS board as they are no longer required.



5 volt power wires to be removed (Orange and Black connected to Con4)

After the 5 volt power cable has been removed the 12 volt Compac MX Box cable can be installed. This is to be installed into the 12 volt DC supply terminals on the UPS board. The leads on the Compac MX box power jack will be labelled "12 volts" (White wire) and "GND" (Black wire).



The Compac MX box can be wired into any spare 12 volt connector. The picture above shows it connected to CON8

Communications

The Compac MX box needs to have the following plugs connected. All other connections are not needed when using the Compac MX Box.



The Network cable position on the CE board



The Network cable position on the Compac MX box



The Pinpad Cable position on the CE board



The Pinpad Cable position on the Compac MX box (com 1)



The Cardreader Cable position on the CE board



*The Cardreader Cable position on the Compac MX box
Note the cover may have to be removed to get the plug in (com 2)*

Helpdesk assistance

For any further queries regarding the above Service Advisory, contact the Compac Helpdesk on +64 9 579 1877 (Worldwide) or 1800 145 887 (Australia) helpdesk@compac.co.nz