



# Tyro EFTPOS

## Configure the Terminal for secure WiFi/WLAN

### PCI-DSS

The PCI council determines security standards that ensure the highest cardholder data protection. There are three PCI standards that regulate the payment process:

- PIN Transaction Security (PTS): the physical and logical security of the cardholder's PIN. Tyro uses only PTS certified terminals.
- Payment Application Data Security Standard (PA-DSS): certifies a third party application. With Tyro your POS does not need this certification.
- The PCI Data Security Standard (PCI-DSS): sets the requirements for security management, policies, network architecture and other critical protective measures to proactively guard both your privacy and your customer's privacy.

Both PA-DSS and DSS have requirements addressing the security in WiFi networks; see summary below. All merchants must comply with these requirements.

Tyro's recommendations are not intended to replace the current PCI guidelines found on [www.pcisecuritystandards.org](http://www.pcisecuritystandards.org).

### Change default Settings on Router and ADSL Modem

If you are using an ADSL modem you must change the default administrator password and the security settings on the router and the modem.

These settings must also be changed should staff with knowledge of the security passwords leave the company.

### Use strong Encryption

All wireless networks must use WPA2 encryption.

Using an unsecured wireless network or WEP is not allowed.

Not broadcasting the SSID is not an effective security mechanism.

### Use Virus Scanners

The POS system and any mobile devices, e.g. laptops or mobile phones connecting to the same network as the EFTPOS terminal, must have a virus scanner with the latest security updates installed and activated.

### Install a Firewall

Implement IP masquerading to prevent internal addresses from being translated and revealed on the Internet. Use network address translation technologies.

Any mobile devices, e.g. laptops or mobile phones connecting to the same network as the EFTPOS terminal, **must** have a personal firewall installed and activated.

If you are offering WiFi as a service to your customers, your EFTPOS terminals and POS system **must** be segregated from this network with an effective firewall.

### Before configuring your Wireless Network

If you have a wireless network, your Tyro terminal **must** be configured for WiFi/WLAN. You need to have the following information before configuring:

- SSID (Service Set Identifier)
- Whether SSID broadcast is ON or OFF
- Encryption used, such as TKIP or AES
- Protocol used, such as WPA, WPA2, WPA-WPA2
- Password format, such as ASCII or HEX
- Encryption password

### Loading the Boot Menu

Reboot the terminal to enter the Boot Menu. Press the ON key until the terminal displays "Reboot Now" then hold down the MENU key until the Boot Menu appears.

## Configure WiFi/WLAN

To create an access point:

From the Boot Menu > Telecom > WLAN Networks > OK > New > OK

Enter a name of your choice (move to next letter by pressing a different key or OK, to repeat letters press OK between) > OK

- Leave priority blank > OK
- Enter SSID > OK (keypad) > OK
- Select ON or OFF > OK > OK
- Select encryption > OK > OK
- Select password format > OK > OK
- Enter encryption password > OK
- Select protocol > OK > OK

Back to Boot Menu, pressing STOP key 3 times.

To delete an access point:

- select WLAN networks > OK
- select the access point > OK
- Press yellow CORR key until the name is deleted > OK

## Exit the Boot Menu

To return to the Boot Menu, press the red STOP key.

From the Boot Menu, press the red STOP key again and the terminal will automatically reboot, ready for use.

## Choose preferred Connection

Use the Boot Menu to switch between WiFi/WLAN, Ethernet (Xenta only) and GSM/GPRS:

- From the Boot Menu > Boot > choose setting (GSM, WLAN, Eth) > OK
- Select ON > OK
- Choose remaining settings, select OFF > OK. Ensure that only the option you require is marked ON

When you are finished press the red STOP key to return to the Boot Menu.

## Support

Some of the above rules may seem daunting.

However most of them are simple to implement and should be verified by your IT Support.

If you do not have any IT support, talk to your Tyro account manager to see how Tyro can be of assistance.

**Dial Tyro Support 1300 966 639**