

Worldline Edge (Halo) – S1P2

Terminal Guide

Contents

1. Worldline Edge (Halo) Electronic Terminal	3
1.1 Electronic Terminal Features	4
1.2 Worldline Edge (Halo) Basic Functions	4
1.3 Powering the Electronic Terminal On/Off	4
Powering on the Electronic Terminal	4
Powering off/Restart the Electronic Terminal	5
1.4 Upgrading the software	6
1.5 Display Settings	6
1.6 Card Reader	7
Magnetic stripe card reader	7
Chip card reader	7
Contactless reader	7
1.7 Safety	8
During air travel	8
Potentially explosive atmospheres	8
Thunderstorm weather	8
Medical electronic equipment	8
1.8 Terminal Faults Self-Help	9
Force restart the Terminal	9
Terminal Security	9
2. Settlement	9
3. Print Reports	10
3.1 Pre - Settlement	10
3.2 Last Settlement	10
3.3 Print Duplicate Receipt	10
3.4 Daily Summary	11
3.5 Shift Totals	11
4. Change Merchant Password	11
5. Communication Options	11
6. Configuring Communication Type	12
6.1 Set Up the Electronic Terminal for Internet via Wi-Fi Communication	12
6.2 Set Up the Electronic Terminal for Internet via Ethernet	12
6.3 Set Up the Electronic Terminal for Internet via 4G Comms	12
7. Electronic Terminal Logon	13
8. Changing Volume Settings on Electronic Terminal	13
9. Changing Display Settings on Electronic Terminal	13
10. Common Electronic Terminal Error Messages	14

11. Worldline Edge+ (Halo) - Integrated.....	14
11.1 Prerequisites.....	14
12. Linkly On-Premises.....	15
12.1 Software installation on Point of Sale.....	15
12.2 Wi-Fi configuration.....	19
12.3 Ethernet configuration.....	21
13. On-Premises terminal configuration	23
13.1 Network hostname	23
13.2 Configure terminal POS settings	24
17.2.1 Wireless Integration (TCPIP)	25
17.2.2 Wired Integration (USB/RS232)	26
13.3 On-Premises connection test	28
13.4 Firewall & Network	30
14. Linkly Cloud	31
14.1 Cloud POS setup	31
14.2 Cloud terminal configuration	31
14.3 Pair with POS.....	32
14.4 Cloud Connection Test	32
14.5 Reset Cloud Pairing	33

1. Worldline Edge (Halo) Electronic Terminal

This Terminal Guide provides important information you need to know about processing debit and credit transactions using your Worldline Edge (Halo) S1P2 Electronic Terminal. This Electronic Terminal is designed to accept payments using contactless, magnetic stripe and chip cards, as well as smartphones and wearables. Please take time to read it thoroughly.



Worldline Edge (Halo) S1P2

1.1 Electronic Terminal Features

The Worldline Edge (Halo) Electronic Terminal incorporates a large colour touch screen, a magnetic stripe card reader, a chip card reader and a built-in contactless reader. This device is a integrated-only device designed to be used configured with a Point-Of-Sale device.

1.2 Worldline Edge (Halo) Basic Functions

- The Electronic Terminal has three virtual keys at the bottom of the screen: Home, Payments and Report.

1.3 Powering the Electronic Terminal On/Off

Powering on the Electronic Terminal

To power on : Make sure the Electronic Terminal is correctly plugged into power via USB.

Press and hold the green enter button on your device for approximately 3 seconds and the display screen will turn on.

Once powered on, the Electronic Terminal will complete its start-up routine.

Upon completion, the Electronic Terminal will be ready to use.

Powering off/Restart the Electronic Terminal

To power off:

1. Tap on the **hamburger menu**  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Tap on **Hardware Config**
4. Tap on **Shutdown Device**
5. Tap on **Yes, Shutdown Now**

To Restart:

1. Tap on the **hamburger menu**  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Tap on **Hardware Config**
4. Tap on **Restart Device**
5. Tap on **Yes, Reboot Now**

1.4 Upgrading the software

The Electronic Terminal will automatically download software updates. However, in the instance where it does not download an update, or you  have been advised to download an update by our Merchant Servicing agent you can follow the below steps.

1. Tap on the **hamburger menu** icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Tap on **Hardware Config**
4. Tap on **Software Upgrade**
5. Terminal will perform a software check
6. Follow prompts to complete software upgrade, if it is available.

1.5 Display Settings

The Display Settings menu controls how the screen behaves during use and inactivity. Within this menu you can control the screen brightness, font size and other display settings.

1. Tap on the **hamburger menu**  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Tap on **Hardware Config**
4. Tap on **Display Settings**
5. Amend settings as you see fit. e.g. brightness level (0-100%), Font size (small, default, large & largest)

1.6 Card Reader

Magnetic stripe card reader

- A card can be read via the magnetic stripe card reader located on the right-hand side of the Electronic Terminal.
- A card can be read by swiping from the top to the bottom of the Electronic
- Terminal with the magnetic stripe facing down towards the Electronic Terminal.
- Use a regular movement to ensure a reliable card reading.

Chip card reader

- Insert the chip card horizontally into the bottom of the Electronic Terminal with the metal chip facing upwards. Leave the chip card in this position throughout the transaction.
- The chip card can be removed from the Electronic Terminal when signature verification is required or as instructed by the Electronic Terminal.

Contactless reader

- Bring the card firmly up to the active zone.
- Keep the card close to the reader during the transaction.
- On the front, LEDs are displayed to indicate transaction processing.

1.7 Safety

You should note the following important warnings and always exercise caution in operating, storing and transporting your Worldline Edge (Halo) Electronic Terminal.

During air travel

- Before boarding any aircraft:
- Turn off your Electronic Terminal

Potentially explosive atmospheres

- Some regulations restrict the use of radio equipment in chemical plants, fuel depots and any site where blasting is carried out. You are urged to comply with these regulations. The Electronic
- Terminal should be protected by a specially fitted and certified cover enabling use in proximity to a fuel pump.

Thunderstorm weather

- Do not use your Electronic Terminal(s) in thunderstorm weather.

Medical electronic equipment

Your Electronic Terminal is a radio transmitter which may interfere with health appliances, such as hearing aids, pacemaker, hospital equipment, etc. Please consult your doctor or the manufacturer of any personal medical devices such as pacemakers or hearing aids, to determine if they are adequately shielded from any external radio frequency energy. You must turn off your Electronic Terminal in health care facilities if instructed by any signs in the area.

1.8 Terminal Faults Self-Help

If your terminal is experiencing technical issues:

Force restart the Terminal

- Device can be force restart by disconnecting the power.
- If you are still experiencing issues after the Electronic Terminal has been restarted, please contact ANZ Worldline Payment Solutions on 1800 039 025 for further assistance.

Terminal Security

Please ensure that the terminal is placed in a secure location enabling the cardholder to use the touchscreen without being observed by security cameras, CCTV devices or by any other person.

Only authorised ANZ Worldline Payment Solutions employees or contractors are permitted to install or perform maintenance of your terminal.

2. Settlement

For ANZ business account holders ANZ Worldline Payment Solutions offers same day settlement, every day for eftpos, Visa, Mastercard and UnionPay transactions. For ANZ business account holders, funds are available on the same day for these transactions settled before 9.00pm (Melbourne Time). For non-ANZ business account holders, ANZ Worldline Payment Solutions transfers the funds to the merchant's bank on the following business day and the availability of the funds will be determined by the merchant's bank, unless deferred further under the Agreement Settlement times (including settlement times for same-day settlement into an ANZ bank account) will be the same or slightly later in the day than your current settlement time.

3. Print Reports

3.1 Pre - Settlement

The Pre-Settlement report lists the Purchases, Cash Out, Refund, Void, Pre-Auth Completion and Totals of the settlement by card scheme (excluding AMEX & JCB) for the current settlement period.

Note: This functionality does not perform settlement.

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Reports>**, then select **<Pre-Settlement>**.
3. The Electronic Terminal will showcase a view of Transaction Types and Card Summary
4. Select Print Report to print these totals

3.2 Last Settlement

The Last Settlement report lists the Purchases, Cash Out, Refund, Void, Pre-Auth Completion and Totals of the settlement by card scheme (excluding AMEX & JCB) for the previous settlement period.

Note: This functionality does not perform settlement.

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Reports>**, then select **<Last Settlement>**
3. The Electronic Terminal will showcase a view of Transaction Types and Card Summary

Select Print Report to print these totals

3.3 Print Duplicate Receipt

This functionality provides a duplicate copy of a recent transaction.

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Reports>**, then select **<Transaction History>**
3. Select the required transaction and Select **Reprint Receipt**

3.4 Daily Summary

The Daily Summary report lists the Purchases, Cash Out, Refund and Totals of the settlement by card scheme (excluding AMEX & JCB) for the current calendar day.

Note: This functionality does not perform settlement.

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Reports>**, then select **<Daily Summary>**
3. The Electronic Terminal will showcase a view of Transaction Types and Card Summary
4. Select Print Report to print these totals

3.5 Shift Totals

The Shift Totals report lists all transactions from the current shift, showing the number of transactions per card type and the total amount earned from each. The merchant can choose to print the report, reset the shift data, or do both at once.

To access shift totals:

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Reports>**, then select **<Shift Totals>**
3. Within this you can:
 - a. Print: To print a physical report of current shift.
 - b. Reset Shift: Reset totals to begin a new shift.
 - c. Print & Reset Shift: Print a physical report of the current shift & reset to begin a new shift.

4. Change Merchant Password

If you need to change your password, contact Merchant Services on 1800 039 025.

5. Communication Options

Worldline Edge (Halo) supports the following communications:

- Wi-Fi
- 4G
- Ethernet (with cradle)

6. Configuring Communication Type

6.1 Set Up the Electronic Terminal for Internet via Wi-Fi Communication

1. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
2. Select **<Hardware Config>**
3. Select **<Wi-Fi Settings>**
4. Toggle Wi-Fi on (if it is already on select Wi-Fi)
5. Select an available Wi-Fi network.
6. Use the onscreen keypad to enter the password for the selected Wi-Fi network and tap the green tick
7. When the password is entered correctly. The Wi-Fi symbol in the status header of the terminal will turn white.

6.2 Set Up the Electronic Terminal for Internet via Ethernet

1. Ensure Ethernet cable is connected to the charging cradle.
2. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
3. Select **<Hardware Config>**
4. Select **<Wi-Fi Settings>**
5. Toggle Wi-Fi on (if it is already on select Wi-Fi)
6. Select an cradle Wi-Fi name (CASWIFI_XXXXXXXXX (Last 9 digits of your device serial number).
7. Use the onscreen keypad to enter the password – 9876543210
8. When the cradle is connected. The Wi-Fi symbol in the status header of the terminal will be displayed.

6.3 Set Up the Electronic Terminal for Internet via 4G Comms

1. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
2. Select **<Hardware Config>**
3. Select **<SIM Settings>**
4. Toggle **SIM 1 & SIM 2** on
5. Select preferred SIM (Optus or Telstra)

Note: We recommend Yes Optus as the preferred SIM with both SIM 1 & SIM 2 toggled on for communications fallback

7. Electronic Terminal Logon

If a merchant needs to perform a logon on their Electronic Terminal based on advice from ANZ Worldline Payment Solutions, they can do so by following these steps:

1. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Select **<Actions>**
4. Tap **Logon**
5. Terminal will display connecting to host and **Approved** if successful

8. Changing Volume Settings on Electronic Terminal

If a merchant needs to increase or decrease the volume on the Electronic Terminal, they can do so by following these steps:

1. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Select **<Hardware Config>**
4. Select **<Sound Settings>**
5. Increase or decrease media volume as required

9. Changing Display Settings on Electronic Terminal

If a merchant needs to change font size, screen timeout duration, increase or decrease the brightness on the Electronic Terminal, they can do so by following these steps:

1. Tap on the hamburger menu  icon located at the top right of the screen to open the settings
2. Select **<Config>**
3. Select **<Hardware Config>**
4. Select **<Display Settings>**
5. Change settings as required

10. Common Electronic Terminal Error Messages

Please contact ANZ Worldline Payment Solutions (24 hours a day, 7 days a week) on 1800 039 025 if you are unable to resolve an issue or encounter a decline

11. Worldline Edge+ (Halo) - Integrated

Follow the below step-by-step guide to setting up a Worldline Edge+ (Halo) terminal and connecting a Point-of-Sale software using either Linkly On-Premises or Linkly Cloud.

11.1 Prerequisites

Before beginning the setup process, determine whether your Point-of-Sale software will connect using Linkly On-Premises or Linkly Cloud, as each integration type involves different installation and configuration steps. The terminal's communication method must also be configured accordingly. For guidance on the appropriate integration type, please contact your Point-of-Sale provider.

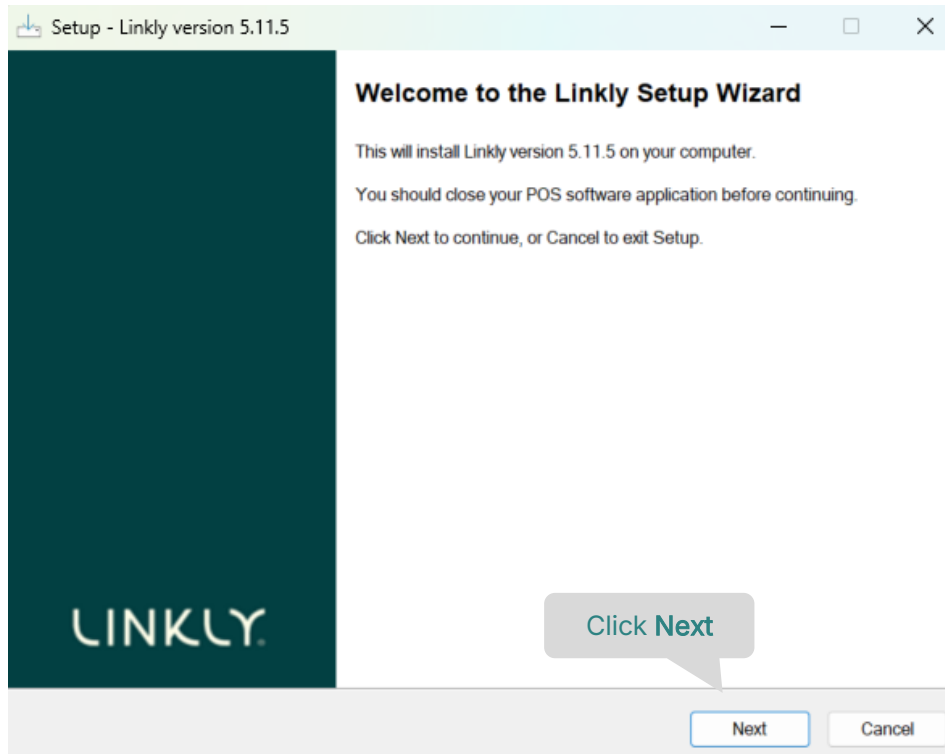
Once the integration type is confirmed, proceed to the corresponding section of this document.

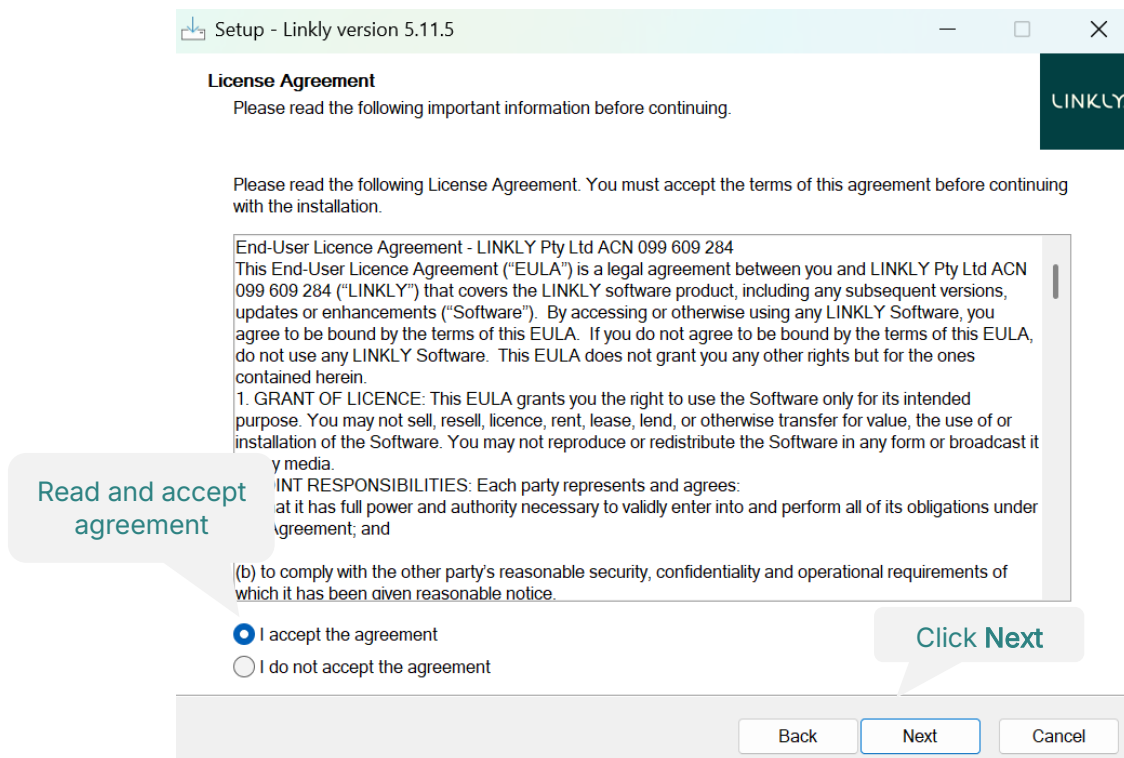
12.Linkly On-Premises

12.1 Software installation on Point of Sale

Visit the [Linkly website](#) and download the latest **Orbit Installer** version.

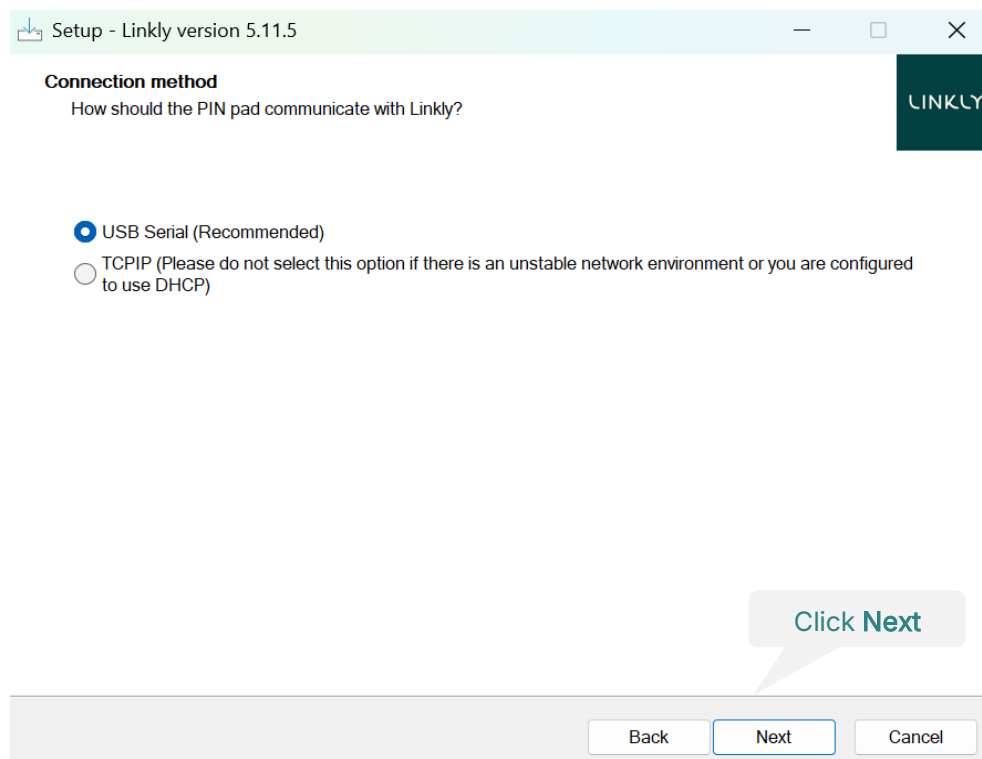
Run the Linkly Setup.exe and follow the prompts on the installer.

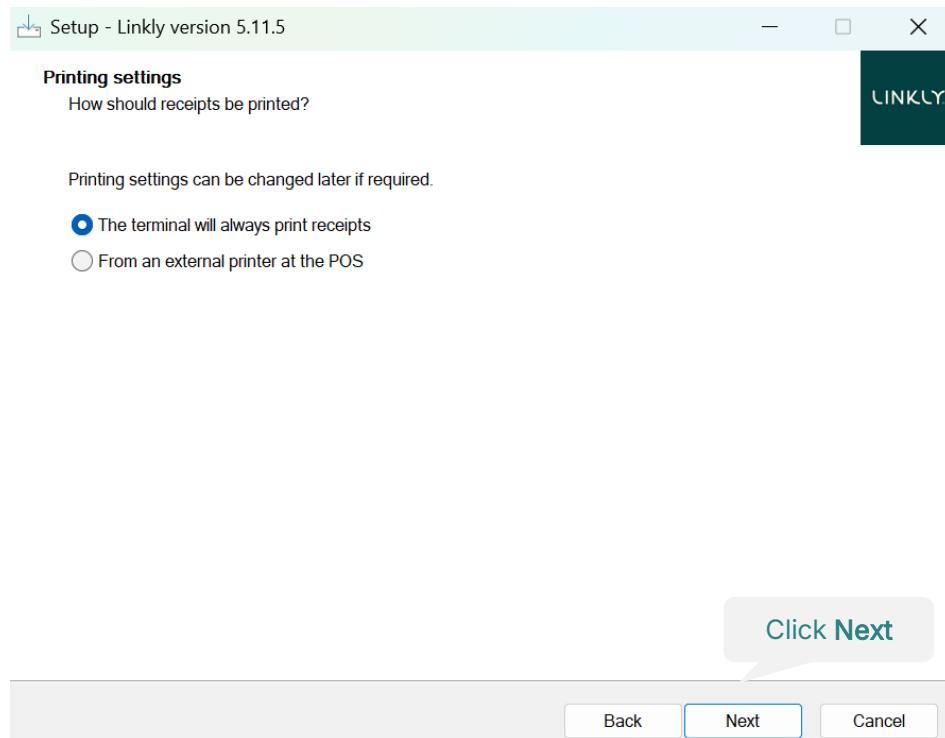




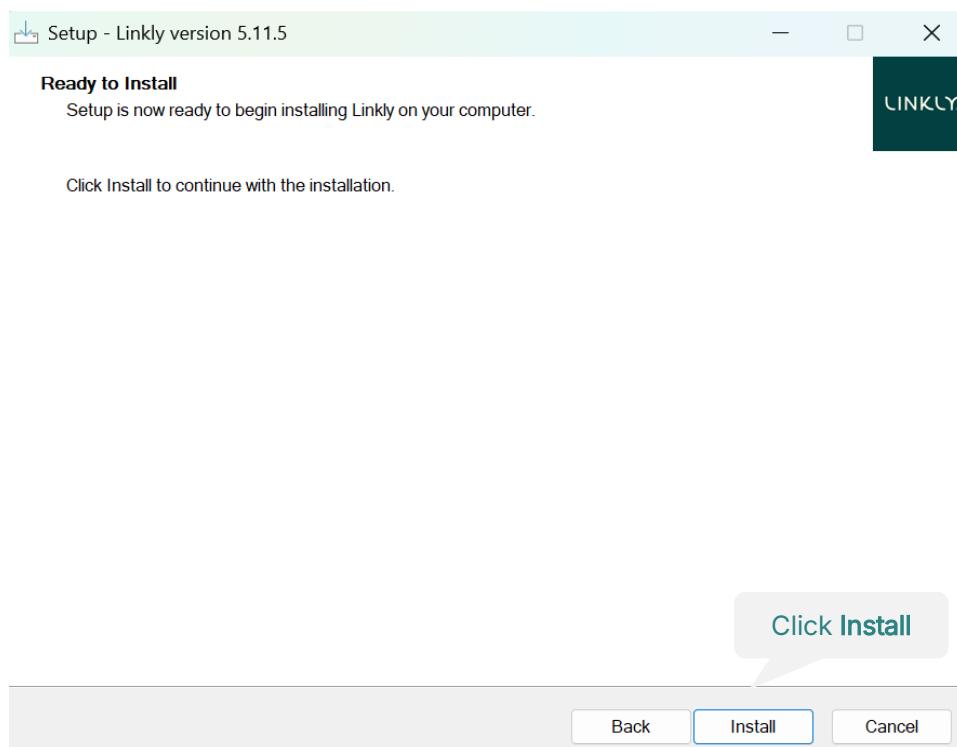
Select:

USB Serial : Wired Integration
TCPIP : Wireless Integration

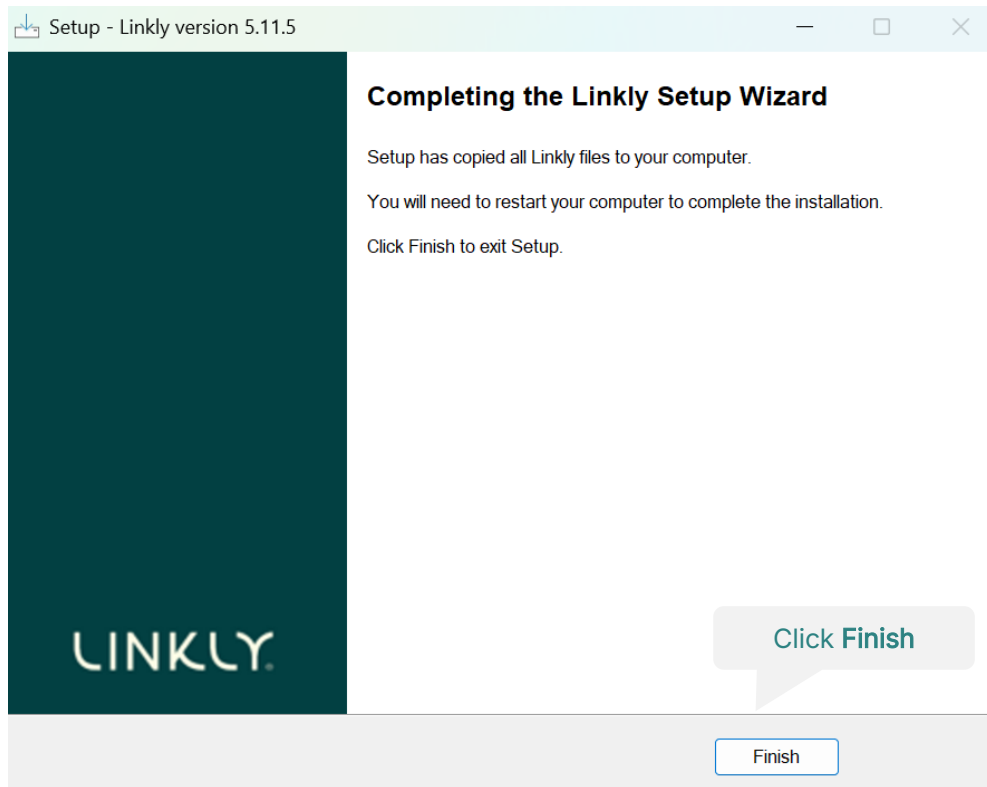




Select receipt print destination, either directly on the terminal or utilizing an external printer.



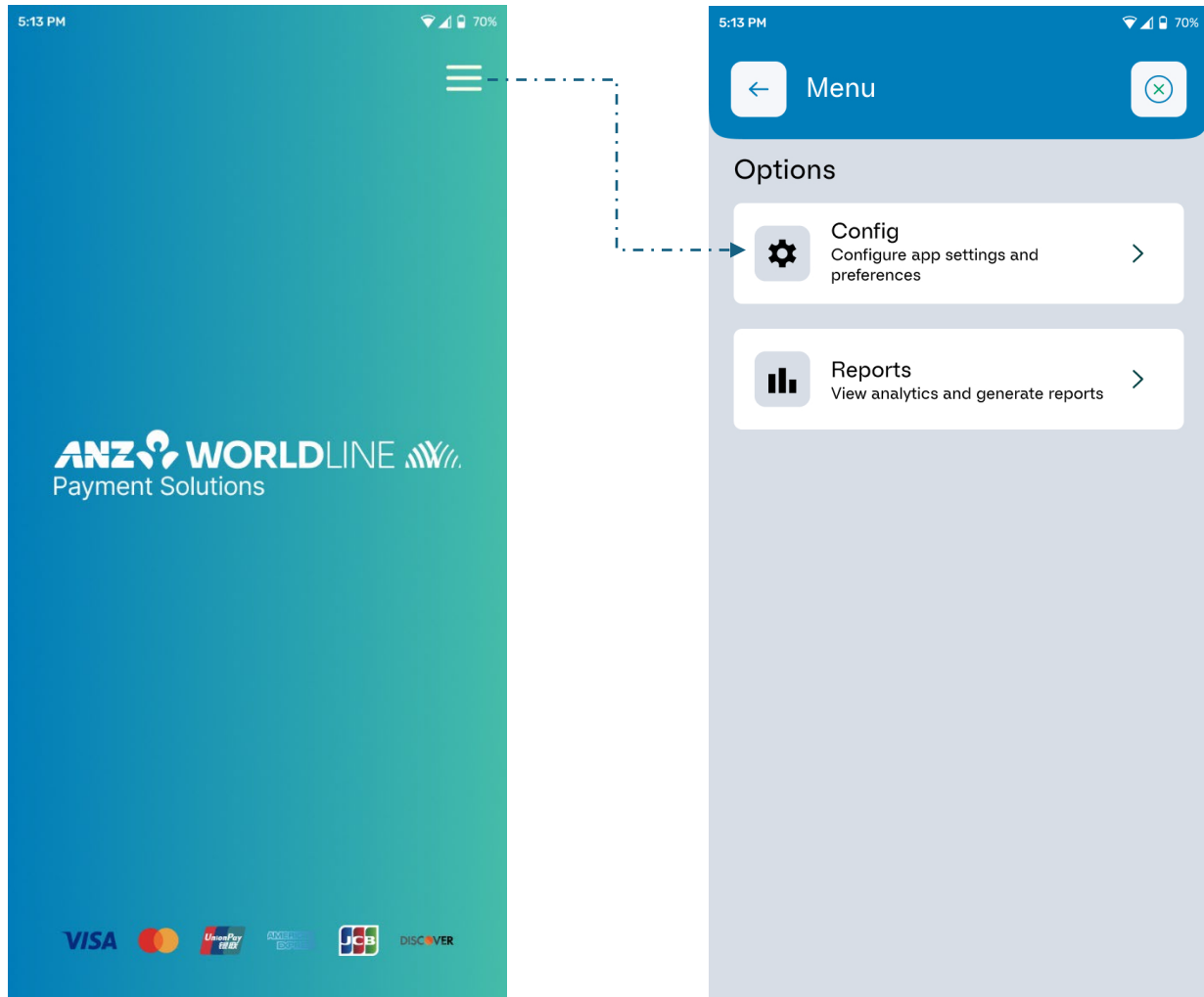
Software will now begin installation.



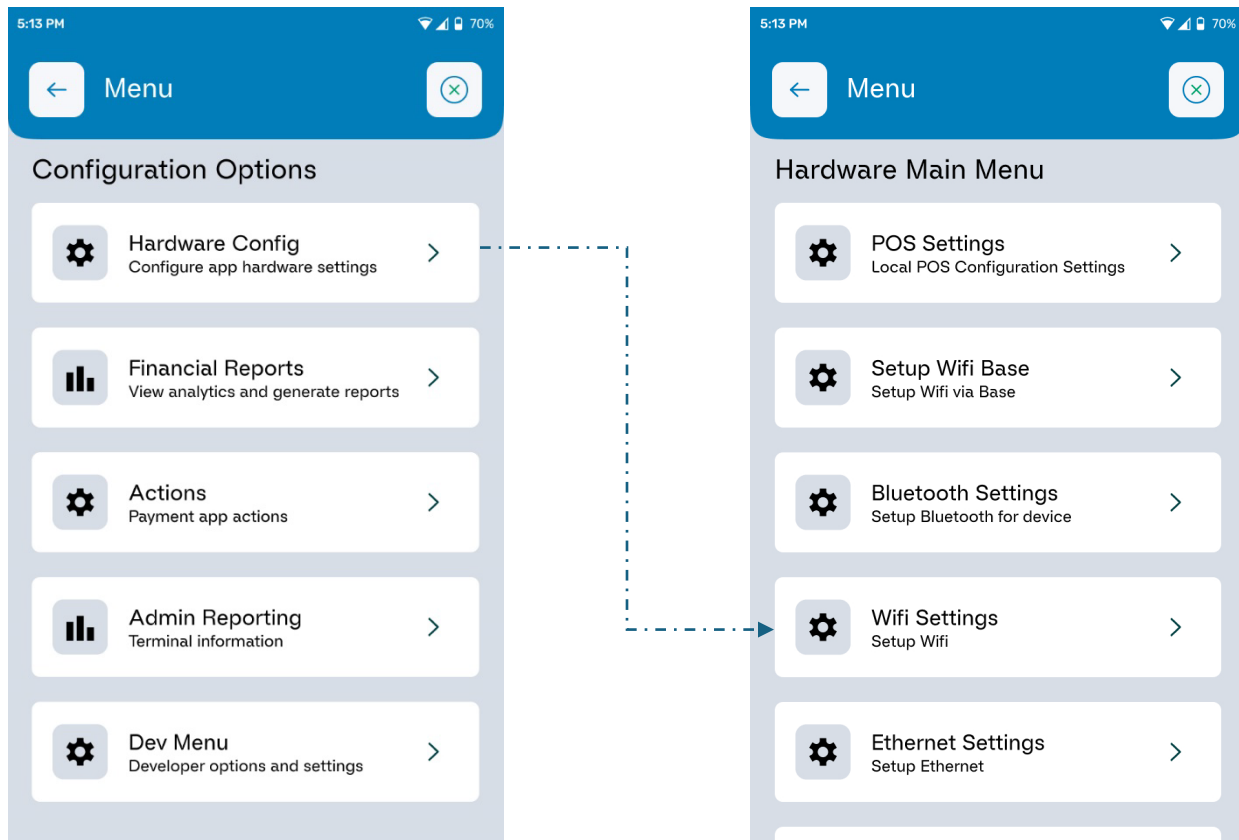
The configuration is now complete.

12.2 Wi-Fi configuration

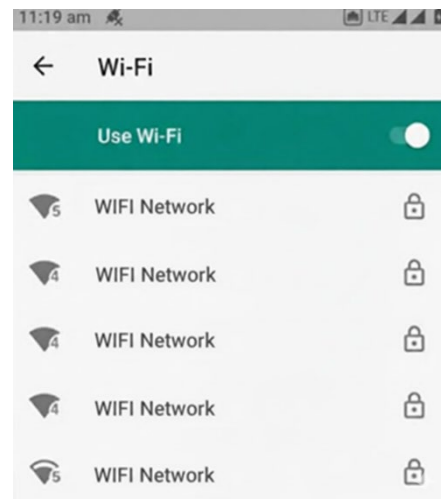
On your Worldline Edge+ Terminal, select the **hamburger menu**  icon and then select **Config** from the Options **Menu**.



Select **Hardware Config** and then select **Wifi settings**, from the **Hardware Main Menu**.



Select your Wi-Fi network from the list and key in your network password.

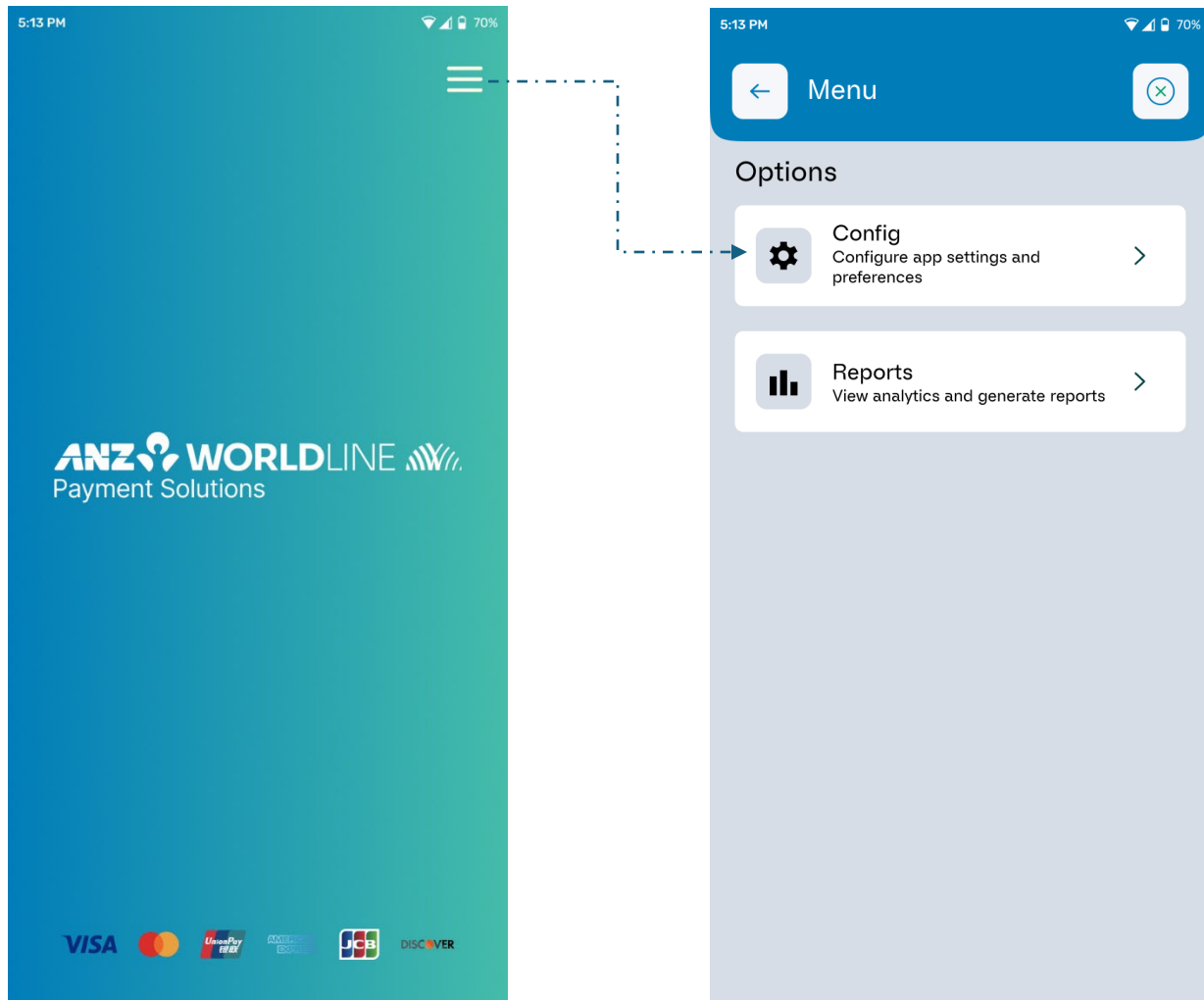


12.3 Ethernet configuration

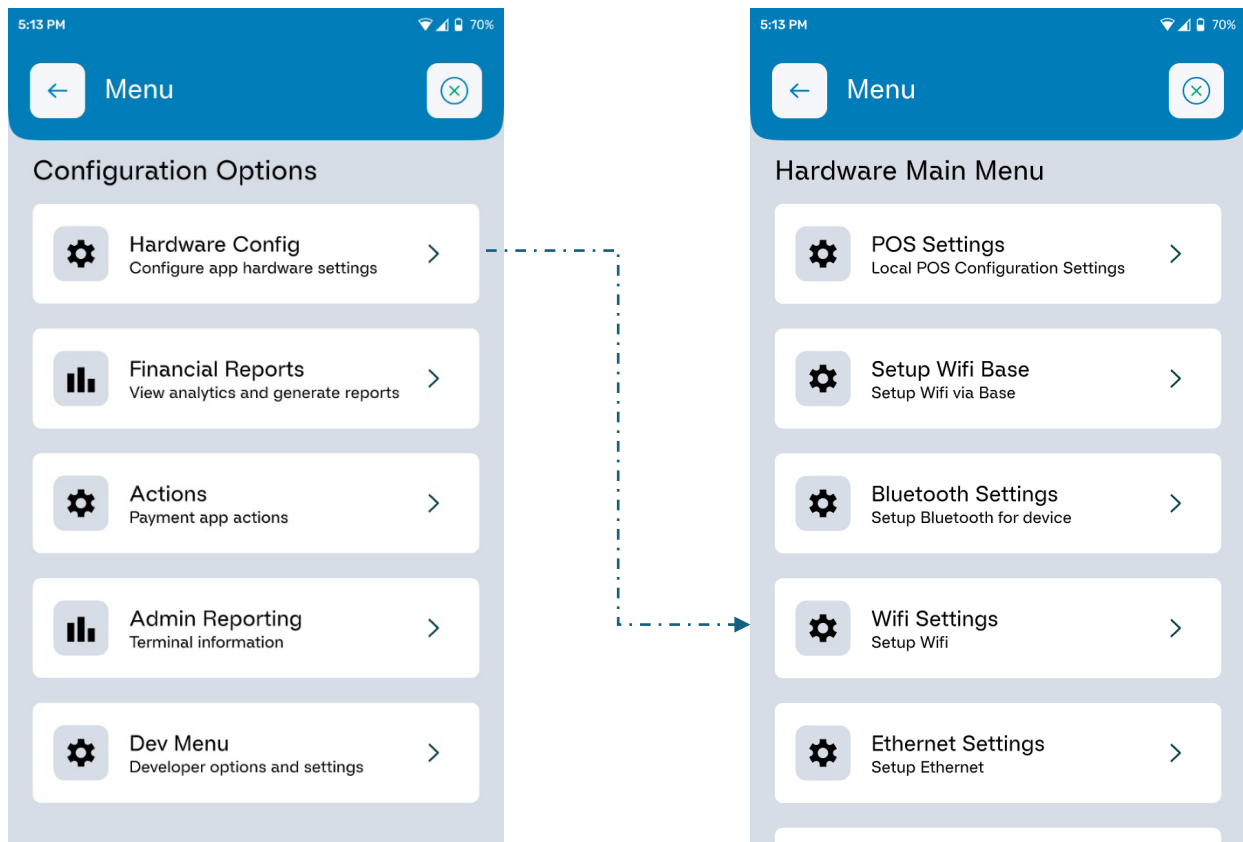
Worldline Edge Halo S1P2 device requires a 'Magic Box' (sold separately) to configure via Ethernet.

To do so, ensure your power and ethernet cables are plugged into the charging base.

On your Worldline Edge+ Terminal, select the **hamburger menu**  icon and then select **Config** from the Options **Menu**.

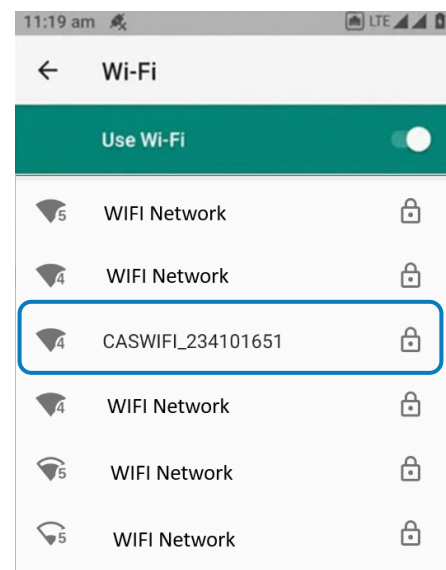


Select **Hardware Config** and then select **Setup Wifi Base**, from the **Hardware Main Menu**.



Select **CASWIFI_XXXXXXXXX**
(Last 9 digits of your device serial number)

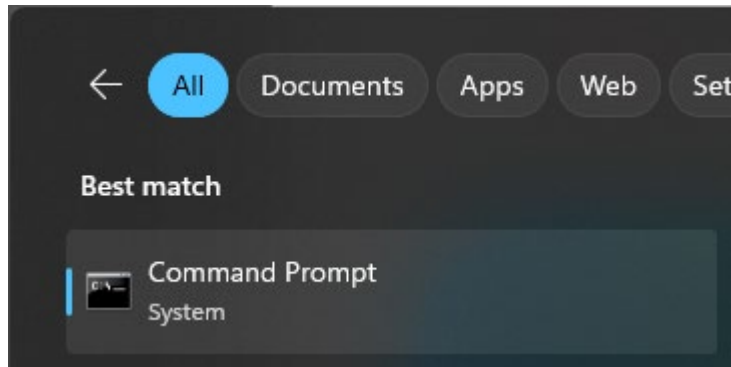
Password - **9876543210**



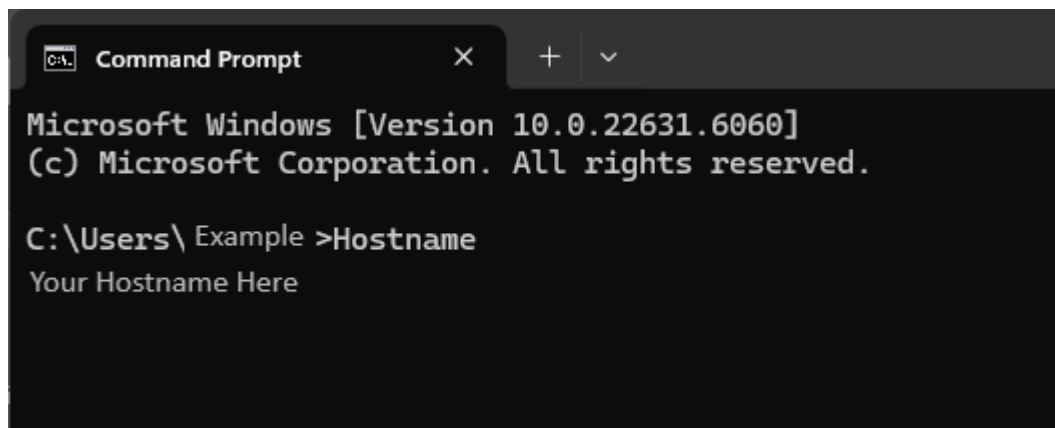
13. On-Premises terminal configuration

13.1 Network hostname

On your Point-Of-Sale, search **cmd** on the windows search field located on the task bar.



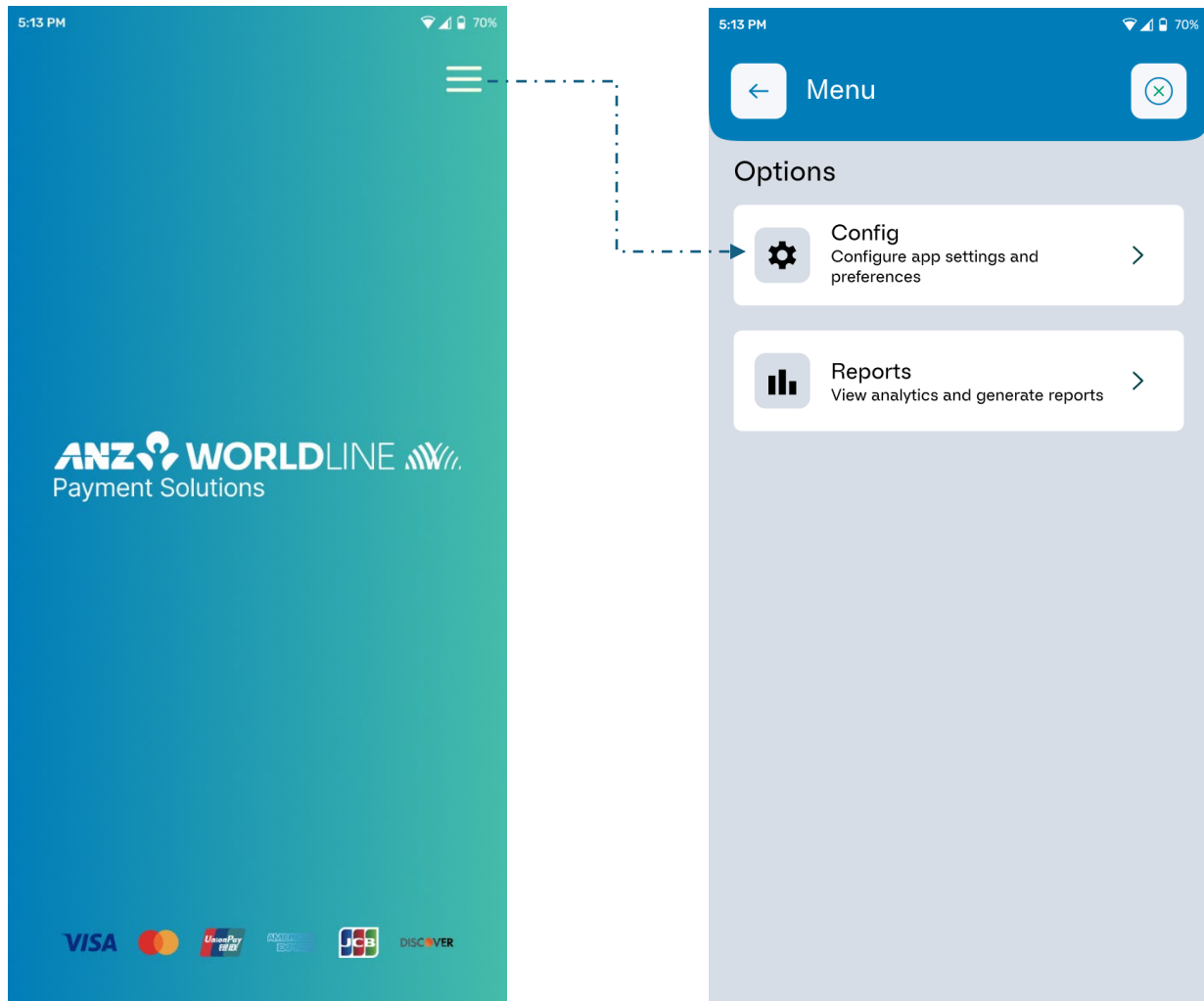
Open **Command Prompt**, type **Hostname** on the window and hit enter.



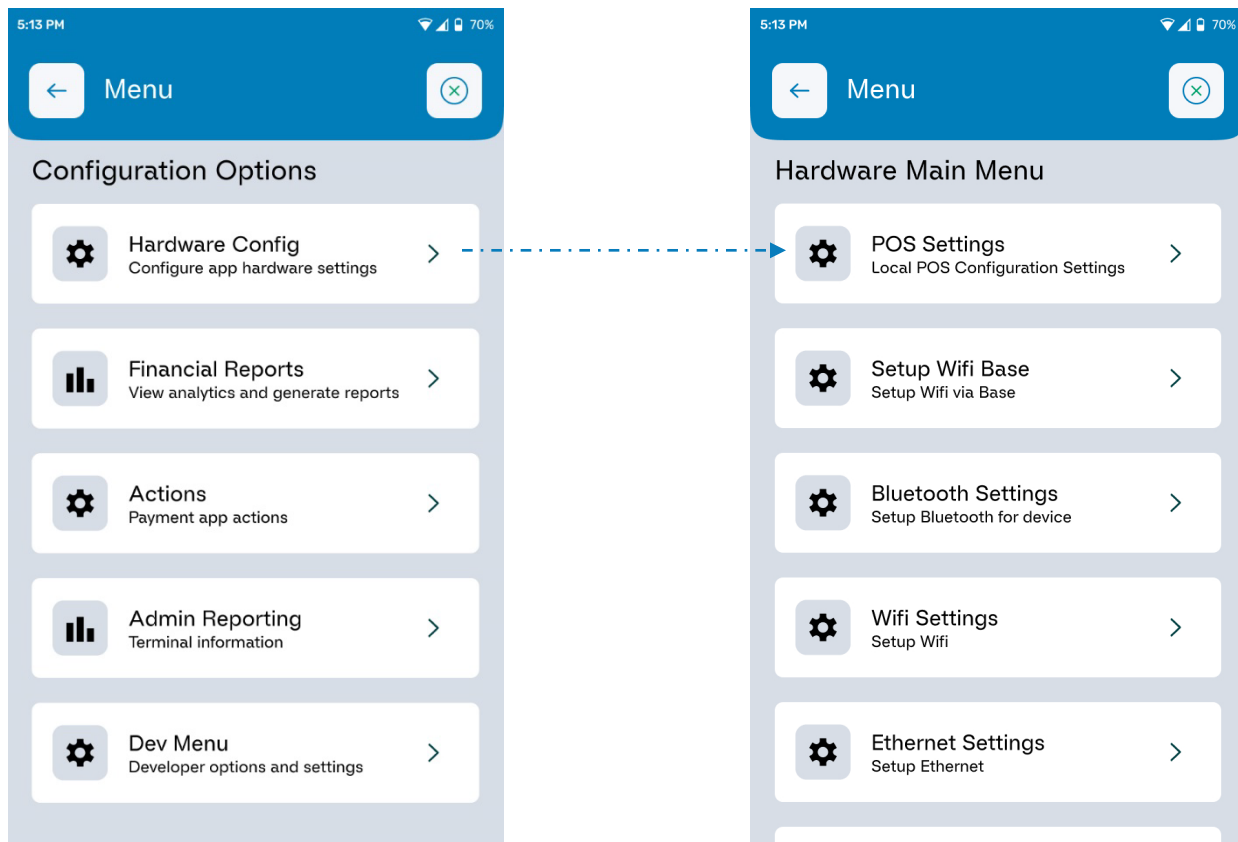
The window should now display your Hostname.

13.2 Configure terminal POS settings

On your Worldline Edge+ Terminal, select the **hamburger menu**  icon and then select **Config** from the Options **Menu**.



Select **Hardware Config** and then select **POS settings**, from the **Hardware Main Menu**.



17.2.1 Wireless Integration (TCPIP)

Host name connection

POS Method:

Select TCP/IP (Transmission Control Protocol/Internet Protocol)

Enable Hostname Input: On

POS Address: Enter the hostname found in section 17.1.

Port: Key in 2012 as your Port.

Enable VPN: Off

Select Apply.

The screenshot shows the 'Pos Settings' screen with a blue header bar containing a back arrow and a close button. The settings are as follows: 'POS Method' is set to 'TCP/IP' in a dropdown menu; 'Enable Hostname Input' is a toggle switch that is turned on; 'POS Address' is a text field containing 'Your Hostname Here'; 'Port' is a text field containing '2012'; and 'Enable VPN' is a toggle switch that is turned off. At the bottom of the screen is a blue 'Apply' button.

IP address connection

POS Method: Select TCP/IP (Transmission Control Protocol/Internet Protocol)

Enable Hostname Input: Off

POS Address: Enter your network IP address.

Port: Key in **2012** as your Port.

Enable VPN: Off

Select **Apply**.

The screenshot shows the 'Pos Settings' dialog box with a blue header bar containing a back arrow and a close 'X' button. The settings are as follows: 'POS Method' is set to 'TCP/IP' in a dropdown menu; 'Enable Hostname Input' is a toggle switch turned off; 'POS Address' is a text input field containing 'Your IP Address Here'; 'Port' is a text input field containing '2012'; 'Enable VPN' is a toggle switch turned off. At the bottom is a blue 'Apply' button.

17.2.2 Wired Integration (USB/RS232)

USB Serial connection – VPN On
(Communications from POS)

POS Method: Serial

Serial Type: USB on Device

Baud Rate: 38400

Enable VPN: On (If utilising internet connection from POS)

Select **Apply**.

The screenshot shows the 'Pos Settings' dialog box with a blue header bar containing a back arrow and a close 'X' button. The settings are as follows: 'POS Method' is set to 'Serial' in a dropdown menu; 'Serial Type' is set to 'USB on Device' in a dropdown menu; 'Baud Rate' is set to '38400' in a dropdown menu; 'Enable VPN' is a toggle switch turned on. At the bottom is a blue 'Apply' button.

USB Serial connection – VPN Off

(Communications via 4G)

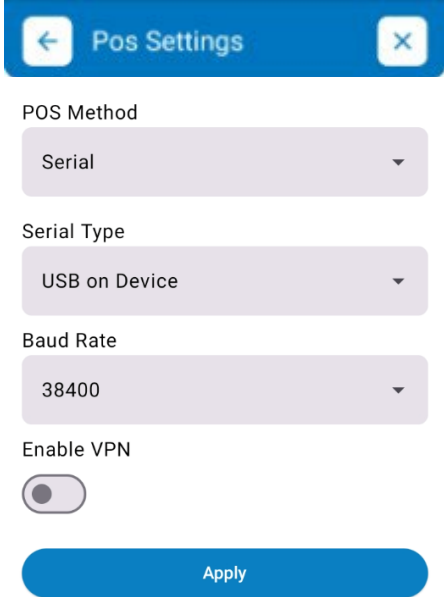
POS Method: Serial

Serial Type: USB on Device

Baud Rate: 38400

Enable VPN: Off (If utilising 4G connection from Terminal)

Select **Apply**.



The screenshot shows the 'Pos Settings' screen with a blue header bar containing a back arrow and a close 'X' button. The settings are as follows: 'POS Method' is set to 'Serial'; 'Serial Type' is set to 'USB on Device'; 'Baud Rate' is set to '38400'; and 'Enable VPN' is a toggle switch that is turned off. A blue 'Apply' button is at the bottom.

Serial connection – RS232 Cable

- Via Magic Box* (S1P2)

(4G Communications)

POS Method: Select Serial

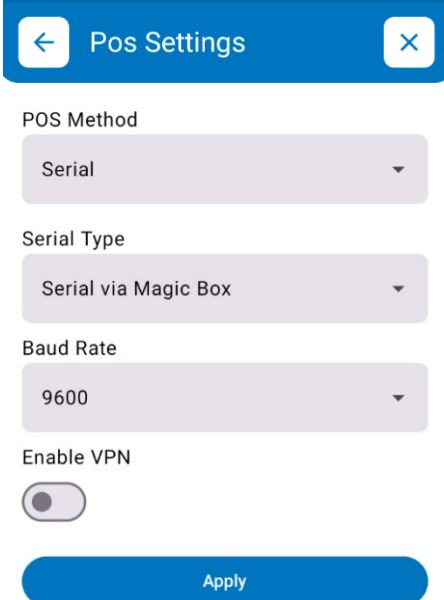
Serial Type: Serial via Magic Box

Baud Rate: 9600

Enable VPN: Off

Select **Apply**.

*Magic Box is sold separately and is required for Serial Connection via a RS232 Cable.

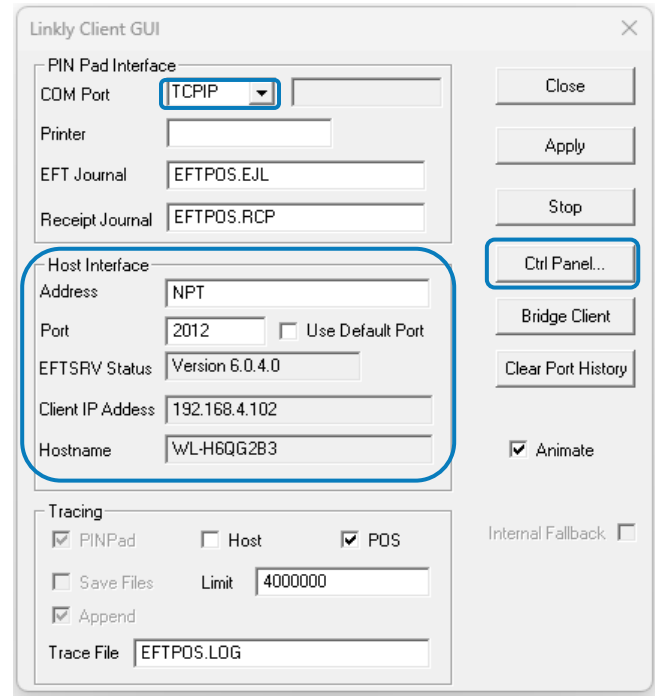


The screenshot shows the 'Pos Settings' screen with a blue header bar containing a back arrow and a close 'X' button. The settings are as follows: 'POS Method' is set to 'Serial'; 'Serial Type' is set to 'Serial via Magic Box'; 'Baud Rate' is set to '9600'; and 'Enable VPN' is a toggle switch that is turned off. A blue 'Apply' button is at the bottom.

13.3 On-Premises connection test

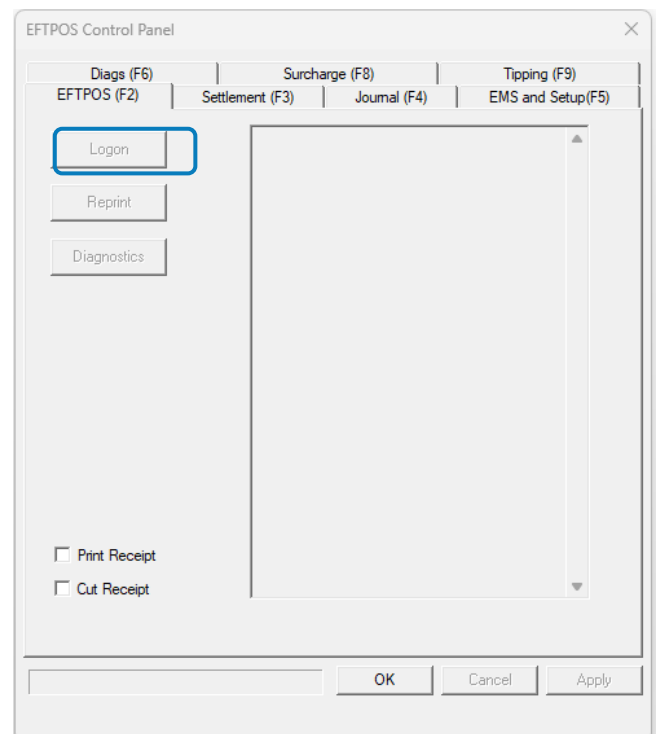
Check that the terminal is successfully connected by performing successful logon using the Linkly Client Software.

1. *Open Linkly Client GUI*
2. Select the appropriate COM Port if using a wired connection.
Or select TCPIP for a Hostname/IP Address connection.
3. Ensure Client IP Address and Hostname is accurate (as per connection on 17.2 Configure terminal POS settings)
4. Ensure Port is 2012 and Use Default Port is unticked.
5. Click **Ctrl Panel**.



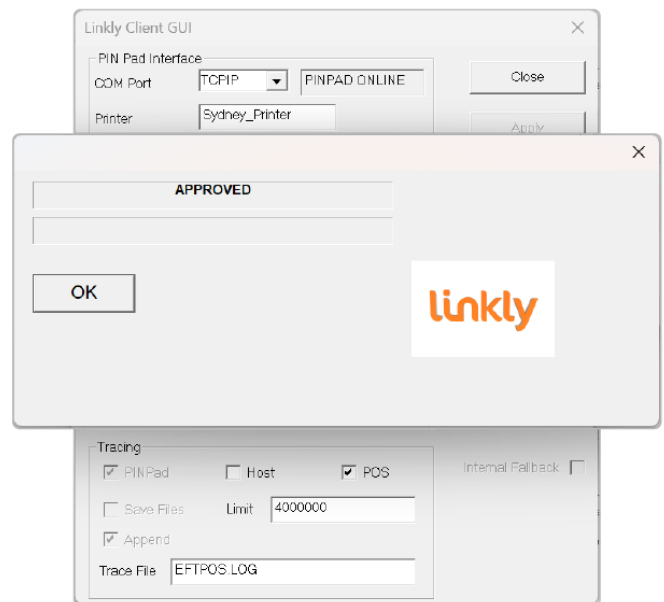
The screenshot shows the 'Linkly Client GUI' window. The 'PIN Pad Interface' section has 'COM Port' set to 'TCPIP'. The 'Host Interface' section is highlighted with a blue box and contains: 'Address' (NPT), 'Port' (2012), 'EFTSRV Status' (Version 6.0.4.0), 'Client IP Address' (192.168.4.102), and 'Hostname' (WL-H6QG2B3). The 'Tracing' section has checkboxes for 'PINPad' (checked), 'Host' (unchecked), and 'POS' (checked), along with 'Save Files' (unchecked), 'Append' (checked), and 'Trace File' (EFTPOS.LOG). On the right, the 'Ctrl Panel...' button is highlighted with a blue box. Other buttons include 'Close', 'Apply', 'Stop', 'Bridge Client', 'Clear Port History', and 'Internal Fallback' (unchecked).

6. *This will take you to the EFTPOS tab in the control panel. Click Logon.*



The screenshot shows the 'EFTPOS Control Panel' window. The 'Logon' button is highlighted with a blue box. The window has tabs for 'Diags (F6)', 'Surcharge (F8)', 'Tipping (F9)', 'EFTPOS (F2)', 'Settlement (F3)', 'Journal (F4)', and 'EMS and Setup(F5)'. The 'Logon' button is in the 'EFTPOS (F2)' tab. Other buttons include 'Reprint', 'Diagnostics', 'Print Receipt', and 'Cut Receipt'. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

7. This should trigger a Logon prompt on the terminal and display a success message on the Point-of-Sale, as shown below.



8. Finally, test a transaction from the POS to ensure the POS can communicate with the Linkly Client software. The set up process for Linkly OnPrem is now complete.

If you are unable to perform transactions, please contact our merchant support team on 1800 039 025.

13.4 Firewall & Network

Ensure the below URL's and Ports are unblocked by your firewall and reachable using your network. Please speak to your IT/Networks team for assistance in doing so.

- Outbound access – Port 443 (HTTPS)

Software download:

- cdn.prn.linkly.com.au

Orbit hostlink:

- orbit.prn.linkly.com.au
- s.orbit.prn.linkly.com.au
- m.orbit.prn.linkly.com.au

14. Linkly Cloud

14.1 Cloud POS setup

To enable transaction processing between your POS software and the Worldline Edge+ Halo terminal, the two systems must be paired. This requires the following credentials:

- Cloud ID
- Password
- Paircode (generated directly from the terminal)

Once you have obtained these credentials, enter them into the pairing section of your POS software. If you're unsure how to do this or need assistance, please contact your POS provider for support.

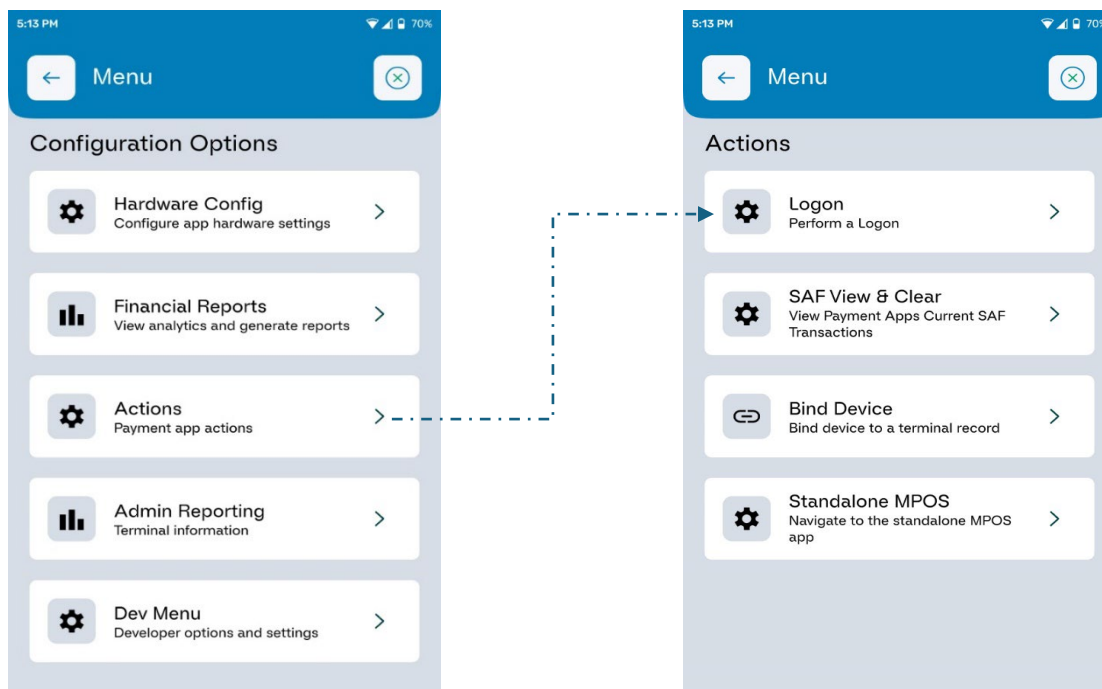
If you do not yet have a Cloud ID and Password, *please contact our merchant support team on 1800 039 025.*

14.2 Cloud terminal configuration

To integrate your terminal via a Cloud connection, the device must be changed to cloud connection mode. If done so already, proceed to section 18.4.

Contact *our merchant support team on 1800 039 025* and request to change your terminal to a cloud connection mode.

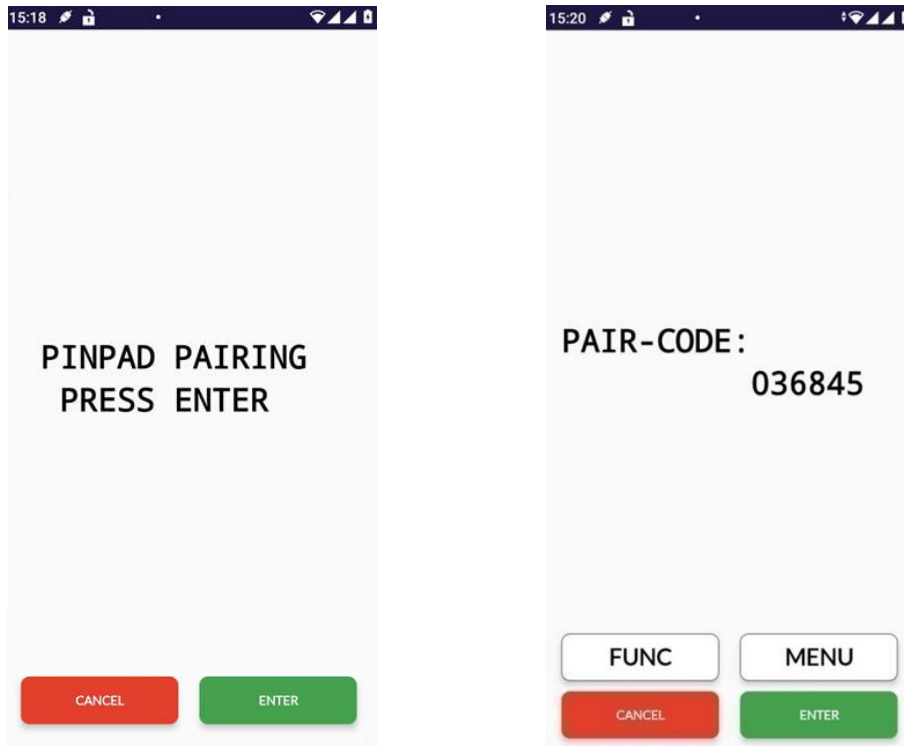
Once confirmed, complete a terminal logon to action these changes on your device.



14.3 Pair with POS.

Once on cloud connection mode, your terminal will display **PINPAD PAIRING PRESS ENTER**.

Select Enter. This will display a 6-digit number.



Enter the 6-digit number into the Linkly Cloud Pairing screen within your Point-of-Sale Software, you must also enter your Cloud ID and Password within this screen as well. Please contact your Point-of-Sale provider for assistance with this process.

Once complete 'Cloud Logon Success' will be displayed on the screen and the terminal will display a cloud connection icon on the top left corner of the screen.

14.4 Cloud Connection Test

Check that the terminal is successfully paired by performing a Logon request/transaction from the Point-of-Sale. If you are unable to perform transactions, please contact ANZ Worldline Payment Solutions Helpdesk or your Point-of-Sale provider for support.

This completes the set up procedure.

14.5 Reset Cloud Pairing

Cloud pairing can be used to pair the terminal to a new Point-of-Sale.

1. Tap on the hamburger menu icon  located at the top right of the screen to open the settings
2. Select **<Config>**
3. Select **<Actions>**
4. Select **<Cloud Reset>**
5. Terminal will now display a new **Pair-Code**.

anzworldline.com.au

ANZ Worldline Payment Solutions means Payment Acceptance Australia Pty Ltd ACN 645 073 034 ("PAA"), a provider of merchant solutions. PAA is not an authorised deposit taking institution and its obligations are not deposits or liabilities of Australia and New Zealand Banking Group Limited ACN 005 357 522 ("ANZ") or its other related bodies corporate (together "ANZ Group"). PAA uses certain brands and logos of both ANZ and Worldline S.A. under licence. No ANZ Group member (nor Worldline S.A.) stands behind or guarantees PAA.