

# Linkly In-Store Installation and Configuration Guide

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# 1. Introduction

This document outlines how to install both the Linkly EFT Client and EFT Server software when using the Linkly IP Gateway as the primary link to the bank. It covers multiple examples of configuration, depending on the users preference.

- Linkly EFT Software must first be installed on the PC which will act as the server connecting to the Linkly IP Gateway. The server requires an internet connection and not connect via a proxy.
- If installing EFT software on more than one PC, please record the IP address of the server as this may be required for further setup.

# 1.1 Before You Start

Before you begin the installation of both the Linkly software and your EFTPOS terminal(s), you should ensure you have the following;

- If utilizing the Linkly IP Gateway, you must have a Linkly ID and Password
- An integrated EFTPOS terminal(s) provided by your bank.
- If utilizing the Linkly IP Gateway Internet connection (the server must not be connecting via a proxy)
- The latest release of Linkly In-Store Software, (the software can be downloaded directly from our website <u>Software Downloads Linkly</u>

# 1.2 Components installed with Linkly

The following section will describe some of the important components installed with Linkly and their functions.

#### Linkly EFT Client

The Linkly EFT Client is the "Middleware" that facilitates the connectivity between the Point of Sale Software and Eftpos Terminal. For more information, see section 3. Linkly Client User Guide.

#### EFT-Server

The EFT-Server facilitates a connection to the Linkly IP Gateway and in turn a bank or host, allowing processing of transactions over the internet for supported Eftpos Terminals. For more information on EFT-Server configuration options, see section 2. Installing the software for Linkly IP Communications Gateway.

#### Optional components

#### EMS-Client

The EMS-Client can be used to:

- View the EFTPOS.rcp files containing receipts for previous transactions and settlements
- View the EFTPOS.ejl files containing information for previous transactions and settlements
- Configure automatic settlements and automatic printing of settlement receipts

More information on the EMS Client and it's operation can be found at the Manuals and Guides section of the Linkly website: <u>Manuals and Guides - Linkly</u>

#### USB Driver

The latest USB driver certified by Linkly for Ingenico, Verifone and PAX hardware.

# 2. Installing the software for Linkly IP Communications Gateway

The Linkly Software can be configured in multiple ways. The following are some common scenarios and examples of different configuration options;

1) A single POS terminal with a pinpad connecting to the Gateway (refer to Chapter 2.1)



2) Multiple POS terminals with pinpads, and a dedicated server machine with no pinpad that connects to the Gateway (Refer to Chapter 2.2 for installing the server software and Chapter 2.3 for installing the software on additional terminals)



3) Multiple POS terminals with pinpads, with no dedicated server. In this case you will need to select one of the POS to act as the server which connects to the Gateway.



# 2.1 Single POS with Pinpad

Visit the Linkly website and download the Linkly setup.exe -<u>Software</u> <u>Downloads - Linkly</u>



	🚯 Setup - Linkly version 5.10.2 – 🗆 🗙
	License Agreement Please read the following important information before continuing.
	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
	<ul> <li>End-User Licence Agreement - LINKLY Pty Ltd ACN 099 609 284</li> <li>This End-User Licence Agreement ("EULA") is a legal agreement between you and LINKLY Pty Ltd ACN 099 609 284 ("LINKLY") that covers the LINKLY software product, including any subsequent versions, updates or enhancements ("Software"). By accessing or otherwise using any LINKLY Software, you agree to be bound by the terms of this EULA. If you do not agree to be bound by the terms of this EULA, do not use any LINKLY Software. This EULA does not grant you any other rights but for the ones contained herein.</li> <li>1. GRANT OF LICENCE: This EULA grants you the right to use the Software only for its intended purpose. You may not sell, resell, licence, rent, lease, lend, or otherwise transfer for value, the use of or installation of the Software. You may not reproduce or redistribute the Software in any form or broadcast it</li> </ul>
Read and accept	in any media. 2. JOINT RESPONSIBILITIES: Each party represents and agrees: (a) that it has full power and authority necessary to validly enter into and perform all of its obligations under this Agreement; and
agreement	(b) to comply with the other party's reasonable security, confidentiality and operational requirements of which it has been given reasonable notice I accept the agreement O I do not accept the agreement Click Next
	< Back Next > Cancel

🔂 Setup - Linkly version 5.10.2	-		×
Select Destination Location Where should Linkly be installed?			linkly
Setup will install Linkly into the following folder.			
To continue, click Next. If you would like to select a different folder, click Browse.			
C:\Program Files (x86)\PC_EFT	Br	owse	
At least 112.9 MB of free disk space is required.	ck Ne	xt	
< Back Next	>	Ca	ncel



😼 Setup - Linkly version 5.10.2	_		×
Select The Install Configuration Which configuration of Linkly do you wish to install?		ι	inkly
Linkly Client And Server: Select this option if a PINpad will be attached to this PC. This o configure your PINpad as well as your connection to the bank.	ption will all	ow you t	0
EFT-Server Only: Select this option if a PINpad will not be attached to this PC. This optic configure your connection to the bank.	on will allow	you to	
Offline Development: Select this option if you are installing the offline development system. No connection to the bank can be configured.	m on this ma	achine.	
Linkly Client And Server (A PINpad will be attached to this PC)		`	1
	Click Ne	xt	
< Back N	lext >	Car	ncel

👸 Se	tup - Linkly version 5.10.2	_		×
Se	lect Additional Tasks Which additional tasks should be performed?		li	nkly
	The EMS-Client is an optional component which allows local and remote diagnostics of Lin	kly.		
	The USB drivers are required for USB PINpads to be able to communicate with Linkly. The require a reboot of the PC.	driver inst	tall may	
	Linkly can automatically configure Internet Connection Sharing settings to support terminals the computer via a USB cable.	that conr	nect to	
	Linkly can automatically optimise Windows power settings to prevent issues communicating caused by Windows turning off power to USB ports during idle periods.	) with Pinp	ads	
	Install EMS-Client Service			
	☑ Install Ingenico USB drivers			
	☑ Install Verifone USB drivers			
_	☑ Install Pax USB drivers			
	Automatically configure Internet Connection Sharing settings			
l	☑ Optimise Windows Power Settings Cli	ck Nex	t	
	< Back Nex	dt >	Can	cel

**Automatically configure Internet Connection Sharing Settings** Automatically configures Internet Connection Sharing Settings for Eftpos Terminals utilizing ICS

Optimise Windows Power Settings

Optimises Windows Power settings that are known to interfere with a devices USB connection.

For more information on the Install EMS-Client Service, Install Ingenico USB driver, Install Verifone USB driver and Install Pax USB driver options, see section 1.2 Components installed with Linkly

😼 Setup - Linkly version 5.10.2	—		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.			linkly
Click Install to continue with the installation.			
After the software has been installed the Linkly Configuration Wizard will open to guide you configuration process.	ı through t	he	
CI	ick Ne	xt	
< Back Ins	tall	Ca	ancel



# 2.1.1 Configuration Wizard







dy Configuration Wi	zard - 3.1.0.0		,
ONFIGURATION WI	ZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
elect You	ır Bank		
elect your ba	nk from the list below		
	ANZ		
	Bankwest		
	Bendigo		
	CBA		
	Development		
	First Data Merchant Solution	ns	
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		Click Next
Kly Configuration Wi	zard - 3.1.0.0	Skip (?)	Next Ne
(X) Exit	Restart	Skip (?)	Next Ne
(y Configuration Wi WIFIGURATION WI Cetting Up	Restart  zard - 3.1.0.0  ZARD  EFT-Client  settings and click on pext to	Skip ()	Next Ne
(y Configuration With NIFIGURATION WIth Cetting Up dit EFT-Client	Restart      Zard - 3.1.0.0  ZARD      EFT-Client      settings and click on next to	Skip ()	Next Ne
Exit	Restart      Zard - 3.1.0.0      ZARD      EFT-Client      settings and click on next to      Pinpad port:	Skip ()	Next Ne
(y Configuration With NHEIGURATION WITH etting Up dit EFT-Client	Restart      Zard - 3.1.0.0      ZARD      EFT-Client      settings and click on next to      Pinpad port:	Skip () VIEW ON-SCREEN KEYBOARD	Next Next Next NEXT NEX
Exit	Restart      Restart      Err-Client      settings and click on next to      Pinpad port:  modem/printer configuration	Skip ()	Next Ne
Exit	Restart      Restart      Err-Client      settings and click on next to      Pinpad port:  modem/printer configuration  t the to use the pinpad's internal modem/	Skip (r)	Next Ne
Exit	Restart      Restart      Zard - 3.1.0.0      ZARD      EFT-Client      settings and click on next to      Pinpad port:      the to use the pinpad's internal m      to use the pinpad's internal printe	Skip (r)	Next Ne
Exit Adv Configuration With Exiting Up dit EFT-Client dit EFT-Client I want I want I want I want I want	Restart      Restart      zard - 3.1.0.0      ZARD      EFT-Client      settings and click on next to      Pinpad port:      modem/printer configuration      the to use the pinpad's internal model      to use the pinpad's internal model	Skip ()	Next Ne
Exit	Restart  zard - 3.1.0.0  ZARD  EFT-Client  settings and click on next to  Pinpad port:  modem/printer configuration  t the to use the pinpad's internal moder  t to use the pinpad's internal moder	Skip ()	Next Ne
Exit	Restart  zard - 3.1.0.0  ZARD  EFT-Client  settings and click on next to  Pinpad port:  modem/printer configuration  t the to use the pinpad's internal moder  t to use the pinpad's internal moder	Skip () VIEW ON-SCREEN KEYBOARD continue USB USB Codem/GPRS as my fallback lind r as my EFTPOS printer. m/GPRS as my primary link to	Next Ne
Exit (y Configuration Wi DNFIGURATION WI Cetting Up dit EFT-Client I want I want I want	Restart  zard - 3.1.0.0  ZARD  EFT-Client  settings and click on next to  Pinpad port:  modem/printer configuration t the to use the pinpad's internal m t to use the pinpad's internal model t to use the pinpad's internal model	Skip ()	Next Ne
Exit (y Configuration Wi DNFIGURATION WI Cetting Up dit EFT-Client I want I want I want View adv	Restart  Zard - 3.1.0.0  ZARD  EFT-Client  settings and click on next to  Pinpad port:  modem/printer configuration t the to use the pinpad's internal model t to use the pinpad's internal model anced settings	Skip () VIEW ON-SCREEN KEYBOARD Continue USB Odem/GPRS as my fallback link r as my EFTPOS printer. m/GPRS as my primary link to	Next Ne
Exit cy Configuration Wi DNFIGURATION WI Cetting Up dit EFT-Client I want I want I want View adv (X) Exit	Restart  zard - 3.1.0.0  ZARD  EFT-Client  settings and click on next to  Pinpad port:  modem/printer configuration  t the to use the pinpad's internal model  t to use the pinpad's internal model  anced settings      Restart	Skip ()	Next VIEW HELP GUIDE (F1) Ensure the Pinpad p set to match you terminals connection method. USB, COM For Serial) or TCPIP k to the bank. the bank. Click Next Next ()

This will skip the EFT-Server configuration steps of the configuration wizard.



Linkly Configuration Wizard - 3.1.0.0		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting Up EMS-Client		
Edit EMS-Client settings and click on	next to continue	
EMS Server IP:	9 🕉	
The EMS-Server is optional, and is Enter your EMS-Server IP or click of the second sec	not required for Linkly to function corr on skip to move to the next step.	ectly.
☐ View advanced settings		
		Click Next
🛞 <u>E</u> xit 🕥 <u>R</u> estart	<u>S</u> kip 🔿	<u>N</u> ext →

Linkly Configuration	on Wizard - 3.1.0.0		×
CONFIGURATIO	N WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting	up EFT-Server		
Select your	server connection type		
	To the bank via another PC		
	Another PC on	the network	
	To the bank directly from this	s PC	
	Linkly IP G	Gateway	
	Select Linkly IP Gateway to EFT-Server to connect direc Gateway	configure your tly to the IP	
			Click Next
× E	kit 🕥 <u>R</u> estart	<u>S</u> kip 🕐	Next 🔿



Linkly Configuration Wizard - 3.1	.0.0		The Line	priority is only appl	Icable if your EF
CONFIGURATION WIZARD VIEW ON-SCR		The EFT-Server will prioritize the con			
Setting up EFT-Server Connection		with the higher value, "Falling bac additional server connections in des		alling back" to ns in descending	
Enter the details for	the selected conne	ection	value. S	o "4" will be your pr secondary, e	imary, "3" will b tc.
Enter your	Priority Line Name	0 - Low Linkly IP Gateway			
Linkly Username and Password	Username Password				
	Address	gw0.pceftpos.com			
	Port	443			
				Click Next	
🗙 <u>E</u> xit	ি <u>R</u> estart	<u>S</u>	cip 🕐	<u>N</u> ext →	





Linkly Configuration Wizard - 3	.1.0.0		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Configuration	Complete		
Linkly configuration	is now complete		
The EFTPOS applicatio "Restart EFTPOS Service	ns will need to be restarted ces" option below or reboo	t to apply these changes. To do th t the PC.	is select the
Restart EFTPOS Ser	vices		
1			
			Click Complete
× Exit	• <u>R</u> estart	<u>S</u> kip 🕐	Complet <u>e</u> 🔿



# 2.2 Dedicated Server Setup

Visit the Linkly website and download the Latest release of Linkly - Software Downloads - Linkly



🕞 Setup - Linkly version 5.10.2		_	×
Select Destination Location Where should Linkly be installed?		ü	nkly
Setup will install Linkly into the following folder.			
To continue, click Next. If you would like to select a different folder, click	k Browse.		
C:\Program Files (x86)\PC_EFT		Browse	
At least 112.9 MB of free disk space is required.	Clic	k Next	
<	Back Next	> Can	cel



🛱 Setup - Linkly version 5.10.2		_		×
Select The Install Configuration Which configuration of Linkly do you wish to install?			ti	inkly
Linkly Client And Server: Select this option if a PINpad will be attac configure your PINpad as well as your connection to the bank.	ched to this PC. Tr	nis option will all	ow you t	0
EFT-Server Only: Select this option if a PINpad will not be attache configure your connection to the bank.	d to this PC. This o	option will allow	you to	
Offline Development: Select this option if you are installing the offli No connection to the bank can be configured.	ne development sy	stem on this ma	achine.	
Server Only (A PINpad will not be attached to this PC)			~	1
Select "Server Only" from the dropdown b	юх			
		Click Ne	×t	
	< Back	Next >	Can	ncel

弱 Setup - Linkly version 5.10.2	_		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.		lir	nkly
Click Install to continue with the installation. After the software has been installed the Linkly Configuration Wizard will open to guide you configuration process.	ı through t	he	
C	lick Ins	tall	
< Back Ins	tall	Cano	el



# 2.2.1 Configuration Wizard







Linkly Configuration Wiz	zard - 3.1.0.0		×
CONFIGURATION WI	ZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Select You	ır Bank		
Select your ba	nk from the list below		
	ANZ		
Click Next	Bankwest		
	Bendigo		
	CBA		
	Development		
	First Data Merchant Solutions		
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		Click Next
🛞 <u>E</u> xit	(n) <u>R</u> estart	<u>Skip</u>	Next 🔿

Linkly Configuration Wizard -	3.1.0.0		×
CONFIGURATION WIZARI	)	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting up El	T-Server		
Select your server	connection type		
To the	e bank via another PC		
	Another PC o	on the network	
To the	e bank directly from t	his PC	
	Linkly IP	Gateway	
	Select Linkly IP Gatew EFT-Server to connec Gateway	vay to configure your t directly to the IP	
			Click Next
🛞 <u>E</u> xit	の <u>R</u> estart	<u>S</u> kip 🕜	Next 🔿

Linkly Configuration Wizard - 3.1.0.0         CONFIGURATION WIZARD         VIEW ON-SCRI         Setting up EFT-Server Connection         Enter the details for the selected connection		The Line Server is The EF with additio value. S	priority is only appl configured with mu F-Server will prioriti the higher value, "F nal server connectic so "4" will be your pa secondary, e	licable if your EF Iltiple connection ze the connection Falling back" to ons in descending rimary, "3" will be tc.	
Enter your Linkly Username and Password	Priority Line Name Username Password Address Port	0 - Low Linkly IP Gateway gw0.pceftpos.com 443		Click Next	
🗙 <u>E</u> xit	) <u>R</u> estart	<u>S</u>	cip 🕜	<u>N</u> ext →	

Linkly Configuration Wizard - 3.1.0.0		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
EFT-Server Line Configuration	on Complete	
Select "no" to continue or "yes" to enter	additional connections	
		_
Do you need to enter an	other EFT-Server connecti	on?
No, I've entered a	Il connections	
ୁ Yes, I need to ent	er another connection	
		Click Next
(X) Exit (3) Restart	Skin (Q)	



# 2.3 POS with Pinpad Connecting to the Server

Visit the Linkly website and download the latest release of Linkly - Software Downloads - Linkly







🔀 Setup - Linkly version 5.10.2	—		×
Select The Install Configuration Which configuration of Linkly do you wish to install?		u	nkly
Linkly Client And Server: Select this option if a PINpad will be attached to this PC. This opt configure your PINpad as well as your connection to the bank.	tion will all	low you to	)
EFT-Server Only: Select this option if a PINpad will not be attached to this PC. This option configure your connection to the bank.	will allow	you to	
Offline Development: Select this option if you are installing the offline development system No connection to the bank can be configured.	on this ma	achine.	
Linkly Client And Server (A PINpad will be attached to this PC)		~	
Select Linkly Client and Server (A PINpad will be attached to this PC) from the dropdown box			
CI	ick Ne	xt	
< Back Ne	xt >	Can	cel

ß	Setup - Linkly version 5.10.2	_		×
:	Select Additional Tasks Which additional tasks should be performed?		li	nkly
	The EMS-Client is an optional component which allows local and remote diagnostics of Lir The USB drivers are required for USB PINpads to be able to communicate with Linkly. Th	ıkly. e driver ins	tall may	
	require a reboot of the PC. Linkly can automatically configure Internet Connection Sharing settings to support terminal	ls that con	nect to	
	the computer via a USB cable. Linkly can automatically optimise Windows power settings to prevent issues communicatin caused by Windows turning off power to USB ports during idle periods.	ıg with Pinş	pads	
	<ul> <li>✓ Install EMS-Client Service</li> <li>✓ Install Ingenico USB drivers</li> <li>✓ Install Verifone USB drivers</li> </ul>			
	Automatically configure Internet Connection Sharing settings     Optimise Windows Power Settings	lick Nex	kt	
	< Back Ne	ext >	Can	cel

**Automatically configure Internet Connection Sharing Settings** Automatically configures Internet Connection Sharing Settings for Eftpos Terminals utilizing ICS

#### Optimise Windows Power Settings

Optimises Windows Power settings that are known to interfere with a devices USB connection.

For more information on the Install EMS-Client Service, Install Ingenico USB driver, Install Verifone USB driver and Install Pax USB driver options, see section 1.2 Components installed with Linkly

😼 Setup - Linkly version 5.10.2	_		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.			linkly
Click Install to continue with the installation.			
After the software has been installed the Linkly Configuration Wizard will open to guide you configuration process.	through t	he	
Cl	ck Inst	tall	
< Back Inst	all	Ca	ancel



# 2.3.1 Configuration Wizard







Linkly Configuration Wiz	ard - 3.1.0.0		×
CONFIGURATION WI	ZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Select You	r Bank		
Select your bar	nk from the list below		
	ANZ		
	Bankwest		
	Bendigo		
	CBA		
	Development		
	First Data Merchant Solutions		
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		Click Next
🛞 <u>E</u> xit	က <u>R</u> estart	Skip 🕐	<u>N</u> ext 🏵

ly Configuration Wizard - 3.1.0.0		×
etting Up EFT-Client dit EFT-Client settings and click o	n next to continue	Ensure the Pinpad port set to match your
Pinpa	d port: USB -	method. USB, COM Po (For Serial) or TCPIP for
Pinpad modem/printer confi	guration	
☑ I want the to use the pinpad's	internal modem/GPRS as my fallback l	ink to the bank.
$\Box$ I want to use the pinpad's inte	ernal printer as my EFTPOS printer.	
I want to use the pinpad's interpretent of	ernal modem/GPRS as my primary link :	to the bank.
View advanced settings		Click Next
🗴 <u>E</u> xit 🕥 <u>R</u> estar	t <u>S</u> kip 🔿	<u>N</u> ext 🏵

primary link to the bank". This will skip the EFT-Server configuration steps of the configuration wizard.



Linkly Configuration Wizard - 3.1.0.0		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting Up EMS-Client		
Edit EMS-Client settings and click on next	to continue	
EMS Server IP:	3 🔇	
The EMS-Server is optional, and is not a Enter your EMS-Server IP or click on sk	required for Linkly to function corr ip to move to the next step.	ectly.
View advanced settings		
		Click Next
🛞 <u>E</u> xit 💿 <u>R</u> estart	Skip 🔿	Next 🔿

Linkly Configuration	on Wizard - 3.1.0.0			×
CONFIGURATIO	N WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting	up EFT-S	erver		
Select your	server conne	ection type		
	To the ban	k via another PO	2	
		Another PC	on the network	
	To the ban	k directly from t	this PC	
		Linkly I	P Gateway	
				Click Next
× E	xit 🔿	) <u>R</u> estart	<u>S</u> kip 🔿	Next 🔿



	Linkly Configuration Wizard - 3. CONFIGURATION WIZARD Setting up EF Enter the details for	T-Server Connection	EW ON-S EW ON-S Higher v Server co "4" w	our lines priority. The foritise the connection value, "Falling back" t nnections in descene vill be your primary, " secondary, etc.	e EFT-Server on with the to additional ding value. So 3" will be
Line Na to chang line as in EFT-Se help diff mi connect "Primary	ame will allow you ge the name of the t will appear in the erver UI. This can ferentiate between ultiple server tions. For example y" and "Secondary"	Priority       0 - Low         Line Name       TCP/IP L         Address	ine J J ort 2005	Enter the IP add DNS address of name of your So Click Next	dress, host erver.
	🗙 <u>E</u> xit	• <u>R</u> estart	<u>S</u> kip 🕐	Next 🔿	

Linkly Configuration Wizard - 3.1.0.0		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
EFT-Server Line Configuration C	omplete	
Select "no" to continue or "yes" to enter addi	tional connections	
Do you need to enter anothe	er EFT-Server connecti	on?
ে No, I've entered all co	onnections	
ୁ Yes, I need to enter a	nother connection	
		Click Next
X Exit	Skin (Q)	

# 2.4 POS with Pinpad Connecting directly to bank

Visit the Linkly website and download the latest release of Linkly - Software Downloads - Linkly

	🔀 Setup - Linkly version 5.10.2 — 🗆 🗙
	License Agreement Please read the following important information before continuing.
	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
	End-User Licence Agreement - LINKLY Pty Ltd ACN 099 609 284 This End-User Licence Agreement ("EULA") is a legal agreement between you and LINKLY Pty Ltd ACN 099 609 284 ("LINKLY") that covers the LINKLY software product, including any subsequent versions, updates or enhancements ("Software"). By accessing or otherwise using any LINKLY Software, you agree to be bound by the terms of this EULA. If you do not agree to be bound by the terms of this EULA, do not use any LINKLY Software. This EULA does not grant you any other rights but for the ones contained herein. 1. GRANT OF LICENCE: This EULA grants you the right to use the Software only for its intended purpose. You may not sell, resell, licence, rent, lease, lend, or otherwise transfer for value, the use of or installation of the Software. You may not reproduce or redistribute the Software in any form or broadcast it
Read and accept	in any media. 2. JOINT RESPONSIBILITIES: Each party represents and agrees: (a) that it has full power and authority necessary to validly enter into and perform all of its obligations under this Agreement; and
agreement	(b) to comply with the other party's reasonable security, confidentiality and operational requirements of
	I accept the agreement     O I do not accept the agreement
	< Back Next > Cancel

🔂 Setup - Linkly version 5.10.2	- 🗆	×
Select Destination Location Where should Linkly be installed?	ü	nkly
Setup will install Linkly into the following folder.		
To continue, click Next. If you would like to select a different folder, click Browse.		
C:\Program Files (x86)\PC_EFT	Browse	1
At least 112.9 MB of free disk space is required.	ck Next	
< Back Next	> Can	cel



🕞 Setup - Linkly version 5.10.2 —		×
Select The Install Configuration Which configuration of Linkly do you wish to install?		linkly
Linkly Client And Server: Select this option if a PINpad will be attached to this PC. This option will all configure your PINpad as well as your connection to the bank.	ow you	to
EFT-Server Only: Select this option if a PINpad will not be attached to this PC. This option will allow configure your connection to the bank.	you to	
Offline Development: Select this option if you are installing the offline development system on this ma No connection to the bank can be configured.	chine.	
Linkly Client And Server (A PINpad will be attached to this PC)		$\sim$
Select Linkly Client and Server (A PINpad will be attached to this PC) from the dropdown box		
Click Nex	xt	
< Back Next >	Ca	incel

👘 Set	tup - Linkly version 5.10.2 —		×
Sel	ect Additional Tasks Which additional tasks should be performed?		linkly
1	The EMS-Client is an optional component which allows local and remote diagnostics of Linkly.		
T	The USB drivers are required for USB PINpads to be able to communicate with Linkly. The driver inst equire a reboot of the PC.	tall may	1
l t	inkly can automatically configure Internet Connection Sharing settings to support terminals that conr he computer via a USB cable.	nect to	
l	inkly can automatically optimise Windows power settings to prevent issues communicating with Pinp caused by Windows turning off power to USB ports during idle periods.	ads	
	Install EMS-Client Service		
	✓ Install Ingenico USB drivers ✓ Install Verifone USB drivers		
	☐ Install Pax USB drivers		
[	Automatically configure Internet Connection Sharing settings     Optimise Windows Power Settings	at	
	< Back Next >	Ca	ncel

**Automatically configure Internet Connection Sharing Settings** Automatically configures Internet Connection Sharing Settings for Eftpos Terminals utilizing ICS

Optimise Windows Power Settings

Optimises Windows Power settings that are known to interfere with a devices USB connection.

For more information on the Install EMS-Client Service, Install Ingenico USB driver, Install Verifone USB driver and Install Pax USB driver options, see section 1.2 Components installed with Linkly

弱 Setup - Linkly version 5.10.2	_		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.		ι	inkly
Click Install to continue with the installation.			
After the software has been installed the Linkly Configuration Wizard will open to guide configuration process.	e you through t	he	
	Click Ins	tall	
< Back	Install	Car	ncel



# 2.4.1 Configuration Wizard





Linkly Configuration Wiz	ard - 3.1.0.0		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Select You	r Bank		
Select your bar	nk from the list below		
	ANZ		
	Bankwest		
	Bendigo		
	CBA		
	Development		
	First Data Merchant Solutions		
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		Click Next
🛞 <u>E</u> xit	ত <u>R</u> estart	Skip 🕜	Next 🏵

AND A TTOM MITTA DD	.0.0		×
betting Up EF1 dit EFT-Client settir	<b>F-Client</b> ngs and click on next t <b>Pinpad port:</b>	view on-screen Keyboard	Ensure the Pinpad port set to match your terminals connectivity method. USB, COM Pol For Serial) or TCPIP for
Pinpad moder ✓ I want the to ☐ I want to use ☐ I want to use	m/printer configuration use the pinpad's internal the pinpad's internal prin the pinpad's internal mod	modem/GPRS as my fallback lin ter as my EFTPOS printer. dem/GPRS as my primary link to	<b>k to the bank.</b> • the bank.
□ View advanced se	ettings		Click Next
X Evit	<u>০ R</u> estart	<u>S</u> kip (•)	<u>N</u> ext →

primary link to the bank". This will skip the EFT-Server configuration steps of the configuration wizard.



Linkly Configuration Wizard - 3.1.0.0		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting Up EMS-Client		
Edit EMS-Client settings and click on	next to continue	
EMS Server IP:	3 3	
The EMS-Server is optional, and is Enter your EMS-Server IP or click of	not required for Linkly to function corr on skip to move to the next step.	ectly.
□ View advanced cottings		
i view auvanceu settings		
		Click Next
🗙 <u>E</u> xit 💿 <u>R</u> estart	<u>S</u> kip 🔿	<u>N</u> ext →

Linkly Configuration Wizard - 3.1.0.0	)		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
EFT-Server Line	Configuration C	omplete	
Select "no" to continu	e or "yes" to enter addi	tional connections	
Do you	need to enter anothe	r EFT-Server connecti	on?
۰ <b>N</b>	o, I've entered all co	nnections	
୍ ୪	es, I need to enter a	nother connection	
	-		
			Click Next
X Frit (	Restart	Skin (Q)	



### 3. Linkly Client User Guide

The Linkly Client is one of the three primary programs installed when installing the Linkly software. The Client interfaces with the POS Software, The Eftpos Terminal and the Eft-Server.

Linkly Client GUI	×	<b>COM Port</b> The COM Port field indicates what Port or Device driver name the Client will look for when connecting to the Eftpos Terminal. If USB was selected during the
PIN Pad Interface COM Port COM1: PINPAD ONLINE Printer	Close	Configuration Wizard, this field will have a string of driver names entered.
EFT Journal EFTPOS.EJL	Аррту	
Receipt EFTPOS.RCP	Stop	Client Status
Host Interface	Ctrl Panel	This field will show the Clients status. See section <b>3.1 Linkly</b>
Address 127.0.0.1	Bridge Client	Client Status for more
Port 2005 Vore Default Port	Clear Part History	Information.
Hostname f10e8928-fabe-4a7c-b93b-855fdc4bf	🗹 Animate	
Tracing       Image: PINPad       Image: Host       Image: POS         Image: Save Files       Limit       4000000         Image: Save Files       Limit       4000000         Image: Save File       EFTPOS.LOG         After performing any changes to the Client, year	Internal Fallback 🔽	<b>Printer</b> This field along with the Control Panel Cut and Print settings will determine where and how receipt printing will be handled. See section <b>5. Printing</b> for more information.
hit the Apply Button to save.		
		<b>Ctrl Panel</b> The Ctrl Panel Button will open the Client Control Panel. Here You can perform a logon, perform any settlement options available and get diagnostic Information. See section <b>4. Control Panel</b> for more information

### linkly

inkly Client GUI		
- PIN Pad Interfac	e	7
COM Port	COM1:   PINPAD ONLINE	Close
Printer		Anniv
EFT Journal	EFTPOS.EJL	
Receipt	EFTPOS.RCP	Stop
Host Interface		Ctrl Panel
Address	127.0.0.1	
Port	2005 Vse Default Port	Bridge Client
EFTSRV Status	Version 5.9.3.0	Clear Port Histor
Client IP	172.17.87.173	
Hostname	f10e8928-fabe-4a7c-b93b-855fdc4bf	🔽 Animate
Tracing		]
🗹 PINPad	🗆 Host 🔽 POS	Internal Fallback
🗖 Save Files	Limit 4000000	
🗹 Append		
Trace File EF	TPOS.LOG	
		J

#### Internal Fallback

If enabled, the terminal will "fall back" to use its internal modem when the EFT-Server cannot establish a connection to the Linkly Gateway / Bank. This can be enabled or disabled on the "setting up the EFT Client" page of the configuration wizard.

This setting will only affect terminals that have an Internal modem / GPRS capacity.

## EFT Journal and Receipt Journal

These are the files the customers Receipts and Journal information will be saving to.

#### Host Interface Address

This Is the address of the Client. This should always be 127.0.0.1

#### Port

This Is the default port for communicating with the EFT-Server. This should always be left as port 2005.

#### **EFTSRV Status**

This will display the Version of the EFT-Server.

#### Client IP Address

The Local IP of the computer the Client Is running on.

Hostname: The hostname of the PC

#### Tracing

This section shows the file that the eftpos terminal will generate trace Information to. The default limit is 4000000. The log file will be named EFTPOS.LOG. These settings shouldn't be changed.

### 3.1 Linkly Client Status

If the Eftpos Terminal is not communicating the Client software correctly, it will display in the Status box of the Client.

The Linkly Client can show "Invalid Port", "Error 123", "Port Open", "Port In Use" or "PINPAD ONLINE"

#### **Invalid Port**

Invalid Port is a response which indicates the currently selected Com Port is not a valid com port name.

#### Error 123

Error 123 indicates the driver name configured in the Linkly Client COM Port field is not present or is not a valid device driver name.

#### Port Open

This indicates that a device using the driver name or COM port specified in the Linkly Client COM Port field is present but the Client is unable to communicate with the device.

#### Port in Use

The Port the Client is trying to communicate with is in use by another program or device.

#### PINPAD ONLINE

This Indicates that the Eftpos Terminal and Client are configured correctly.



### 4. Control Panel

The EFTPOS Control Panel can be used to perform a logon to the Bank, perform any available Settlement action, view the Journal information collected by the Client for the current date, configure Linkly Dynamic surcharging and Tipping and view diagnostic information about the terminal and Linkly software.

EFTPOS (F2) Tab		
EFTPOS Control Panel	×	Logon
Diags (F6) EFTPOS (F2) Settlemen	Surcharge (F8) Tipping (F9) nt (F3) Journal (F4) EMS and Setup(F5)	Here you can perform a Logon to the bank / Host. The response returned will indicate either a successful or
Logon	^	unsuccessful connection and will return a corresponding
Reprint		response code.
Diagnostics		
Print Receipt     Cut Receipt	~	<b>Reprint</b> Here the customer can Reprint any eftpos receipts processed during the most recent transaction.
	OK Cancel Apply	
<b>Print Receipt and Cut R</b> The Print and cut boxes Local Windows Printer of printer. See section <b>5. Printing</b> f	eceipt need to be enabled if printing to a or printing to the terminal's Internal or more information.	

To confirm any changes made to the Linkly Client Control Panel, hit the OK or Apply button



### 4.1 Settlement (F3)

The settlements tab is used to settle funds to the bank and display settlement information and total transaction amounts.

EFTPOS Control Panel	>	<	
Diags (F6)       Surcharge (F8)       Tipping (F9)         EFTPOS (F2)       Settlement (F3)       Journal (F4)       EMS and Setup(F5)         Settle       Pre-Settle       Image: Settlement (F3)       Image: Settlement (F3)         Sub Totals       Sub Totals       Shift Totals       Reset         Txn Listing       Summary       Local Totals       Image: Summary         Sun Mon Tue       Wed       Image: Settle (F3)       Image: Settle (F3)			<b>Settle</b> Settles all transactions performed in the last settlement period. Generally, once every 24 hours.
		:	<b>Pre-Settle</b> Provides all the Information seen on a settlement without settling the device. There Is no limit to how often this can be performed.
Lu Fn Cut Rec	eipt 🥅 Print Receipt		
	OK Cancel Apply		<b>Last Settlement</b> Will provide the most recent settlement the Terminal has performed.
Cut Receipt and Print Receipt	s need to be Ticked for the		
customer to print any Information	on from the settlement tab.		<b>Sub Totals</b> Displays all transactions that were performed since the last settlement or shift total was performed.

Performing any function with the Cut Receipt and Print Receipt boxes unticked will display the Information In the panel to the right of the buttons.



### Settlement (F3)

All Information shown when performing any function (With the exception of Local Totals) Is pulled from the terminal itself. Any concerns regarding total amounts, mismatching figures or missing transactions should be directed to the bank.



Any discrepancies between POS generated Totals and the totals obtained from the Settlement tab need to be referred to the POS Provider and bank respectively.



### 4.2 Journal (F4)

The journal tab will allow you to view all transactions performed on the current date. This includes transactions, logons, settlements, successful and failed transactions.

This information will "Reset" once the date changes.

EFTPOS Control Panel X	
Diags (F6)     Surcharge (F8)     Tipping (F9)       EFTPOS (F2)     Settlement (F3)     Journal (F4)     EMS and Setup(F5)	<b>First</b> Displays the first transaction performed by the terminal on the current date
Previous Next Last	<b>Previous / Next</b> Allows you to cycle through transactions performed by the terminal
ERC Help of 0	<b>Last</b> Displays the most recent transaction performed by the terminal
OK Cancel App ly	The information visible in the Journal (F4) tab is pulled directly from the EFTPOS.EJL file. This file is located in the following directory C:\PC_EFT\EFTPOS.ejl

All journal information since the installation of Linkly can be viewed using the EMS Client. A guide to the EMS Client can be found at the Manuals & Guides section of the Linkly Website.

Manulas and Guides - Linkly



### 4.3 Diags Tab (F6)

The Diags tab shows diagnostic information about the Terminal, Client and system.

EFTPOS Control Panel X	
EFTPOS (F2)       Settlement (F3)       Journal (F4)       EMS and Setup(F5)         Diags (F6)       Surcharge (F8)       Tipping (F9)         PIN Pad       POS Interface       Client       5.10.7.0         Network ID       Serial       CSDEFT OCX       3.32.0         Logged On       No       FTSRV       5.9.3.0	POS Interface Client: Shows the version of the Linkly client CSDEFTOCX: CsdEft.ocx file version EFTSRV: shows the EFT- Server version
CATID         12345678           CAID         123456789012345           S/W Version         1.8.6.0           System Diagnosis         Pinpad Status           Pinpad Status         Pinpad OK           EFTSRV Status         ERROR           OS Version         NT 6.2.9200           Client IP Address:         172.17.87.173           Hostname:         f10e8928fabe-4a7c-           Last Transaction         TxnType:           Result         OK	PIN Pad Network: shows the network the terminal Is configured to connect to Network ID: Acquirer Network ID Serial Number: shows the serial number of the device Logged on shows If the terminal has been logged on CATID and CAID: shows the respective ID for the terminal S/W Version: shows the version of the software loaded on the terminal
Last Transaction: Shows the Type and result of the most recent transaction performed on the terminal while Integrated.	System Diagnosis Pinpad status: Shows the status of the terminal EFTSRV Status: Shows the status of the EFT- Server OS Version: Shows the Operating System version for the POS Client IP Address: Shows the IP address the client Is running on Hostname: Hostname of the PC

## 5 Printing

The Client can control where receipts print but does not influence what receipts are printing. There are three ways Printing can be handled by the Client

#### Printing to the terminals Internal Printer

To Print to the terminals Internal Printer, NPT has to be entered Into the Printer field of the Client and the Print and cut boxes on the EFTPOS (F2) and Settlements (F3) Tabs need to be ticked.

After making changes to the Printer field In the Client, you need to hit the Apply button to save the changes.

PC-EFTPOS Client GUI ×			
PIN Pad Inter COM Port Printer EFT Journal	Face TCPIP  FINPAD ONLINE NPT EFTPOS.EJL	Close	
	<ul><li>✓ Print Receipt</li><li>✓ Cut Receipt</li></ul>		

#### Printing to a local windows printer

The Client can be set to Print to a local windows printer. The Printer name must be entered Into the Printer field In the Client and must be entered exactly and entirely. If misspelled, a receipt will not print. For the Client to handle printing, the Print and cut boxes on the EFTPOS (F2) and Settlements (F3) Tabs need to be ticked.

In the example, the printer name Is EPSON TM8II Receipt. The whole name needs to be entered into the printer field.

#### **POS Controlled Printing**

If the Printer field In the Client is left Blank and the Print and Cut boxes In the EFTPOS (F2) and Settlements (F3) tab are Unticked, the Client will return all receipt data to the POS.

With this configuration, you will not be able to print directly from the Linkly Client Control Panel. This Includes settlements.

PC-EFTPOS Clien	t GUI	×
─ PIN Pad Interfa COM Port Printer	TCPIP PINPAD ONLINE	Close
EFT Journal	EFTPOS.EJL	
	<ul><li>✓ Print Receipt</li><li>✓ Cut Receipt</li></ul>	

_			
P	C-EFTPOS Clien	t GUI	$\times$
	PIN Pad Interfa		Close
1	Printer		Apply
1	EFT Journal	EFTPOS.EJL	
		Print Receipt     Cut Receipt	

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