

IP COMMUNICATIONS GATEWAY INSTALLATION GUIDE EFT CLIENT & EFT SERVER

March 2020

REVISION RECORD

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1.01	July 08	Richard Bolt	Richard Bolt	Minor updates
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1.03	July 08	Richard Bolt	Richard Bolt	Changed to IP Communications Gateway
1.04	Aug 08	Richard Bolt	Richard Bolt	Changes to IP address
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2.00	Sept 19	Wiluna Hyde	Wiluna Hyde	Read through and update to V2
2.01	March 20	Wiluna Hyde	Wiluna Hyde	Linkly update

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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 Communications Gateway as the primary link to the bank. It covers multiple setups, depending on the merchants configuration preference.

- Linkly EFT Software must first be installed on the PC which will act as the server which will connect directly with the bank. 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;

- Ensure you have a LInkly ID and Password through your bank
- An integrated EFTPOS terminal(s) provided by your bank.
- An Internet connection (the server must not be connecting via a proxy)
- The latest Linkly IP Communications Gateway installation software, (the software can be downloaded directly from our website <u>https://linkly.com.au/merchants/downloads/</u>

1.2 Bank Terminology

- Terminal ID: This is the number that uniquely identifies each EFTPOS terminal.
- Merchant ID : This number uniquely identifies each merchant

The bank will issue details for each terminal at the site as well as the connection to the bank. The following outlines the details each bank will issue:

Bank	Merchant ID	Terminal ID	Help Desk Number
ANZ		\checkmark	1800 039 025
Bendigo	\checkmark	\checkmark	1300 132 741
CBA	\checkmark	\checkmark	1800 230 177
First Data	\checkmark	\checkmark	1800 243 444
LIVE	\checkmark	\checkmark	1300 780 788
NAB	\checkmark	\checkmark	1300 369 852
St George	\checkmark	\checkmark	1300 650 977
Suncorp	\checkmark	\checkmark	1300 836 055



Westpac

When installing the software to set up for the Linkly IP Communications Gateway, the most common choices are as follows;

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>https://linkly.com.au/merchants/</u> <u>downloads/</u>





🔀 Setup - Linkly version 5.2.0.0	-		×
Select Destination Location		10	okly
Where should Linkly be installed?		U	
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	B	rowse	
Best to accept all defaults			
At least 96.6 MB of free disk space is required.		Click "N	lext"
< Back Next	>	Can	cel

🔂 Setup - Linkly version 5.2.0.0	-		×
Select The Install Configuration Which configuration of Linkly do you wish to install?		U	inkly
Linkly Client And Server: Select this option if a PINpad will be attached to this PC. This op configure your PINpad as well as your connection to the bank.	tion will a	llow you t	0
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	v 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 m	achine.	
Linkly Client And Server (A PINpad will be attached to this PC)		~	·
		Click "I	Next"
< Back Ne	xt >	Car	icel



🔂 Setup - Linkly version 5.2.0.0	-		×
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 Linkly. The USB drivers are required for USB PINpads to be able to communicate with Linkly. The d require a reboot of the PC.	y. Iriver ins	stall may	
 ✓ Install EMS-Client Service ✓ Install Ingenico USB drivers ✓ Install Verifone USB drivers 			
		Click "N	ext"
< Back Next	>	Cano	el

谩 Setup - Linkly version 5.2.0.0	—		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.		l	inkly
Click Install to continue with the installation. After the software has been installed the Linkly Configuration Wizard v you through the configuration process.	vill open	to guide	
		Click	"Install"
< Back Inst	all	Ca	ncel

Installation will take a few seconds and then the Configuration Wizard will appear.



2.1.1 Configuration Wizard







Linkly Configuration Wizard - 3	.0.3.1		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Auto Detect			
Click on the detect	button to find Linkly devic	es on the network	
P Detect			Show Full Log
No PINpads were o	detected		
No P66 Modems w	vere detected		
No EFT-Servers w	ith a PC-EFTPOS Gateway	connection were detect	ed
No network EMS-S	ervers were detected		
			Click "Next"
1			
🗙 <u>E</u> xit	က <u>R</u> estart	Skip 🕐	<u>N</u> ext →

Linkly Configuration Wiza	ard - 3.0.3.1		×			
CONFIGURATION WIZ	ARD	VIEW ON-SCREEN KEYBOAR	<u>D VIEW HELP GUIDE (F1)</u>			
Select You	r Bank					
Select your bank from the list below						
	ANZ					
	Bankwest					
	Bendigo					
	CBA					
	First Data Merchant Solutions					
	NAB					
	St George					
	Suncorp					
	Touch					
	Westpac		Select your Bank and			
			then Click Next			
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Linkly Configuration Wizard - 3.0.3.1		×	
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)	
Setting Up EFT-Client			
Edit EFT-Client settings and click on next to	continue		
Pinpad port:	USB •	If Serial select the COM	port number
		For all USB connection	s, select USB
Pinpad modem/printer configuration I want the to use the pinpad's internal m	odem/GPRS as my fallback l	For WIFI connected pi TCPIP	npads select
□ I want to use the pinpad's internal printe	r as my EFTPOS printer.		
I want to use the pinpad's internal model	m/GPRS as my primary link to	the bank.	
☐ View advanced settings		Click "Next	,u
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Linkly Configuration Wizard - 3.0.3.1		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting Up EMS-Client		
Edit EMS-Client settings and click on ne	xt to continue	
EMS Server IP:	3 3	
The EMS-Server is optional, and is no	t required for PC-EFTPOS to function	n correctly.
Enter your EMS-Server IP or click on s	skip to move to the next step.	
View advanced settings		
		Click "Next"
X Exit O Restart	<u>S</u> kip 🕐	<u>N</u> ext →



Linkly Configuration V	Vizard - 3.0.3.1		×	
CONFIGURATION V	VIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)	
Setting u	p EFT-Server			
Select your se	erver connection type			
Г	o the bank via another PC-			
	Another PC or	n the network		
Г	o the bank directly from thi	s PC		
	PC-EFTPOS	Gateway	Click "Linkly Gatewa	v"
	P66/P67/P68 modem	connected to this PC		'
			Click "Next"	
× Exit	t <u><u> n</u>estart</u>	Skip 🕜	<u>N</u> ext →	

Linkly Configuration Wizard - 3.0.3.1				×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYE	BOARD	VIEW HELP GUIDE (F1)
Setting up EFT-Ser	ver Conne	ction		
Enter the details for the se	lected connec	tion		
	Priority	0 - Low	Sel	ect "High"
	Line Name	PC-EFTPOS Gateway		
	Username		E	nter your Username
	Password		an	d Password issued by
	Address	gw1.pceftpos.com		LINKIY
	Port	443		
				Click "Next"
🛞 <u>E</u> xit 🕥	<u>R</u> estart	<u>S</u> kip (<u>N</u> ext ⋺





CONFIGURATION WIZARD VIEW HELP GUIDE (Configuration Complete View Help Guide (Linkly configuration is now complete I	(F1)
Configuration Complete Linkly configuration is now complete	
Linkly configuration is now complete	
1	
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I	
Click "	"Comp
🛞 Exit 🕥 Restart Skip 🕐 Complete (€



2.2 Dedicated Server Setup

Visit the Linkly website and download the Linkly setup.exe - <u>https://linkly.com.au/merchants/</u> <u>downloads/</u>

Disconse Agreement		lir	nklv
Please read the following important information be	ore continuing.		
Please read the following License Agreement. You with the installation.	I must accept the terms of this agreement before cont	nuing	
End-User Licence Agreement - LINKLY Pty Ltd A This End-User Licence Agreement ("EULA") is a 099 609 284 ("LINKLY") that covers the LINKLY	CN 099 609 284 egal agreement between you and LINKLY Pty Ltd AC software product, including any subsequent versions,	N	
updates or enhancements ("Software"). By access agree to be bound by the terms of this EULA. If y do not use any LINKLY Software. This EULA do contained herein	ssing or otherwise using any LINKLY Software, you ou do not agree to be bound by the terms of this EUL es not grant you any other rights but for the ones	A,	
 GRANT OF LICENCE: This EULA grants you th purpose. You may not sell, resell, licence, rent, lea installation of the Software. You may not reproduce 	ne right to use the Software only for its intended ase, lend, or otherwise transfer for value, the use of or se or redistribute the Software in any form or broadcas	: it	
ad and accept it has full power and authority necessary to	ents and agrees: o validly enter into and perform all of its obligations		
agreement his Agreement; and	curity, confidentiality and operational requirements of		
which it has been riven reasonable notice	curry, controlentiality and operational requirements of	×	
 I accept the agreement 	Cli	ck "N	ext"
O I do not accept the agreement			

🔀 Setup - Linkly version 5.2.0.0	-		×
Select Destination Location		1	linkly
where should Linkly be installed ?			
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	
Best to accept all defaults			
		Click "	'Next"
At least 96.6 MB of free disk space is required.	7		
< Back Next	t>	Ca	ancel



🛃 Setu	p - Linkly version 5.2.0.0	-		×
Selecc Wi Lin coi EF coi Off No	ct The Install Configuration nich configuration of Linkly do you wish to install? kly Client And Server: Select this option if a PINpad will be attached to this PC. This offigure your PINpad as well as your connection to the bank. T-Server Only: Select this option if a PINpad will not be attached to this PC. This op offigure your connection to the bank. line Development: Select this option if you are installing the offline development systemer on to the bank can be configured. enver Only (A PINpad will not be attached to this PC)	s option will a tion will allow tem on this r "Server C e drop dov	allow you w you to nachine. Dnly" vn box	to
		ļ	Click	"Next"
	< Back	Next >	Ca	ancel

器 Setup - Linkly version 5.2.0.0	—		×
Ready to Install Setup is now ready to begin installing Linkly on your computer.		li	nkly
Click Install to continue with the installation. After the software has been installed the Linkly Configuration Wizard v	vill open t	o guide	
you allough the conliguration process.			
		Click "I	nstall"
< Back Inst	all	Can	cel

Installation will take a few seconds and then the Configuration Wizard will appear.



2.2.1 Configuration Wizard







Linkly Configuration Wiz	ard - 3.0.3.1		×
CONFIGURATION WI	ZARD	VIEW ON-SCREEN KEYBOA	RD VIEW HELP GUIDE (F1)
Select You	r Bank		
Select your bar	hk from the list below		
	ANZ		
	Bankwest		
	Bendigo		
	CBA		
	First Data Merchant Solutions		
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		Select your Bank and then Click "Next"
🛞 <u>E</u> xit	(n) <u>R</u> estart	<u>Skip</u>	<u>N</u> ext →

Linkly Configurati	ion Wizard - 3.0.3.1		×
CONFIGURATIO	DN WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting	up EFT-Server		
Select you	r server connection type		
	To the bank via another PC		
	Another PC	on the network	
	To the bank directly from t	his PC	
	PC-EFTPO	S Gateway	
	P66/P67/P68 moder	n connected to this PC	Click "Linkly Gateway"
			Click "Next"
× E	xit <u><u> </u></u>	Skip 🕜	Next 🔿



Linkly Configuration Wizard - 3.0.3.1	×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD VIEW HELP GUIDE (F1)
Setting up EFT-Server Co	nnection
Enter the details for the selected co	nection
Priority	0 - Low Select "High"
Line Name	PC-EFTPOS Gateway
Username	Enter your Username
Password	and Password issued by
Address	aw1.pceftpos.com
Port	443
	Click "Next"
(X) Exit (r) Restart	<u>s</u> kip (?) <u>N</u> ext →

Linkly Configuration Wizard -	3.0.3.1		×
CONFIGURATION WIZARD	•	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
EFT-Server Li	ine Configuration	Complete	
Select "no" to cont	inue or "yes" to enter add	ditional connections	
Do ye	ou need to enter anoth	er EFT-Server connecti	ion?
	No. I've entered all c	onnections	
	No, I ve encereu an c		
(Yes, I need to enter a	another connection	
			Click "Next"
X Fxit	(n) Restart	Skin (Q)	Novet 🔾
			<u>N</u> ext



Linkly Configuration Wizard - 3.	0.3.1		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Configuration	Complete		
Linkly configuration	is now complete		
			Click "Com
🗙 <u>E</u> xit) <u>R</u> estart	Skip 🕐	Complet <u>e</u> 🏵



2.3 POS with Pinpad Connecting to the Server

Visit the Linkly website and download the Linkly setup.exe - <u>https://linkly.com.au/merchants/</u> <u>downloads/</u>

	License Agreement	-
	Please read the following important information before continuing.	linkly
	Please read the following License Agreement. You must accept the terms of this agreement before continu with the installation.	ing
	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 media. TERESPONSIBILITIES: Each party represente and agrees:	^
agree	ement his Agreement; and	
	(b) to comply with the other party's reasonable security, confidentiality and operational requirements of	
	which it has been given reasonable notice	~
	laccept the agreement Click	✓ "Next"





🔂 Setup - Linkly version 5.2.0.0 —	×
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 allow y configure your PINpad as well as your connection to the bank.	rou to
EFT-Server Only: Select this option if a PINpad will not be attached to this PC. This option will allow you configure your connection to the bank.	to
Offline Development: Select this option if you are installing the offline development system on this machin No connection to the bank can be configured.	ne.
Linkly Client And Server (A PINpad will be attached to this PC)	\sim
Clic	:k "Next"
< Back Next >	Cancel

🔂 Setup - Linkly version 5.2.0.0	-		×
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 L The USB drivers are required for USB PINpads to be able to communicate with Linkly. The require a reboot of the PC.	inkly. ne driver in	nstall may	
 ✓ Install EMS-Client Service ✓ Install Ingenico USB drivers ✓ Install Verifone USB drivers 			
		Click "N	lext"
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Installation will take a few seconds and then the Configuration Wizard will appear.



2.3.1 Configuration Wizard





Linkly Configuration Wizard - 3	.0.3.1		×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Auto Detect			
Click on the detect	button to find Linkly devic	es on the network	
P Detect			Show Full Log
No PINpads were o	detected		
No P66 Modems w	vere detected		
No EFT-Servers w	ith a PC-EFTPOS Gateway	/ connection were detecte	ed
No network EMS-S	ervers were detected		
			Click "Next"
🗙 <u>E</u> xit	(n) <u>R</u> estart	<u>S</u> kip 🕐	<u>N</u> ext →

Linkly Configuration Wiz	ard - 3.0.3.1		×
CONFIGURATION WI	ZARD	VIEW ON-SCREEN KEYBOAR	D VIEW HELP GUIDE (F1)
Select You	r Bank		
Select your bar	nk from the list below		
	ANZ		
	Bankwest		
	Bendigo		
	CBA		
	First Data Merchant Solutions		
	NAB		
	St George		
	Suncorp		
	Touch		
	Westpac		
			Select your Bank and then Click "Next"
🛞 <u>E</u> xit	• <u>R</u> estart	<u>Skip</u>	<u>N</u> ext →



Linkly Configuration Wizard - 3.0.3.1		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting Up EFT-Client		
Edit EFT-Client settings and click on next to o	continue	
Pinpad port:	USB 🔹 Fo	or Serial Pinpad Select the Com Port
	F	For all USB connections, select USB
Pinpad modem/printer configuration		For WIFI pinpads select TCPIP
\bowtie I want the to use the pinpad's internal mo	dem/GPRS as my fallback lini	k to the bank.
$\hfill\square$ I want to use the pinpad's internal printer	as my EFTPOS printer.	
🗖 I want to use the pinpad's internal moder)/GPRS as my primary link to	the bank.
☐ View advanced settings		Click "Next"
🛞 <u>E</u> xit 🕥 <u>R</u> estart	<u>S</u> kip 🕐	Next 🔿

Linkly Configuration Wizard - 3.0.3.1		×
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 not requi	red for PC-EFTPOS to function	n correctly.
Enter your EMS-Server IP or click on skip to	move to the next step.	
View advanced settings		
		Click "Next"
🛞 <u>E</u> xit 🕥 <u>R</u> estart	<u>S</u> kip 🔿	<u>N</u> ext →



Linkly Configuration W	izard - 3.0.3.1		×
CONFIGURATION W	IZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting up	EFT-Server		
Select your se	rver connection type		
Т	o the bank via another PC		
	Another PC o	n the network 🛛 🛁	
			Click "Another PC on the network"
T	o the bank directly from th	nis PC	
	PC-EFTPO	S Gateway	
	P66/P67/P68 modem	connected to this PC	
			Click "Next"
🛞 <u>E</u> xit	(n) <u>R</u> estart	Skip 🕥	<u>N</u> ext →

Linkly Configuration Wizard - 3.0.3.1			×
CONFIGURATION WIZARD		VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Setting up EFT-	Server Connecti	on	
Enter the details for th	e selected connection		
	Priority 0 - Line Name	Low	Select "High"
	Address Port ☑ Use Defa	ult Port 2005	If the name / IP address of the server has not appeared, type in the IP address of the server"
			Click "Next'
🛞 <u>E</u> xit	O <u>R</u> estart	Skip 🕜	Next 🔿





Linkly Configuration Wizard - 3.0.3.1		×
CONFIGURATION WIZARD	VIEW ON-SCREEN KEYBOARD	VIEW HELP GUIDE (F1)
Configuration Complete		
Linkly configuration is now complete		
1		
		Click "Com
		Complete (
<u>Exit</u> <u>Restart</u>		

If you have multiple POS to setup, repeat 2.3 for each one.

