

Knowledgebase > Lasernet FO Connector > Lasernet FO Connector FAQs > How Do I Print from MPOS through Lasernet?

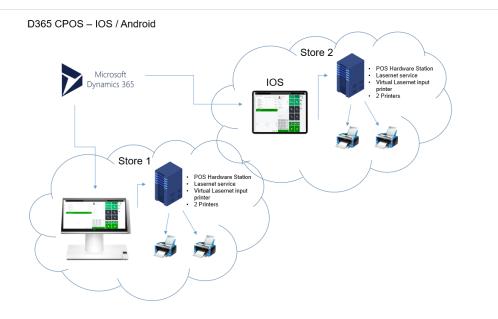
How Do I Print from MPOS through Lasernet?

Alice Petruzzella - 2024-09-16 - Comments (0) - Lasernet FO Connector FAQs

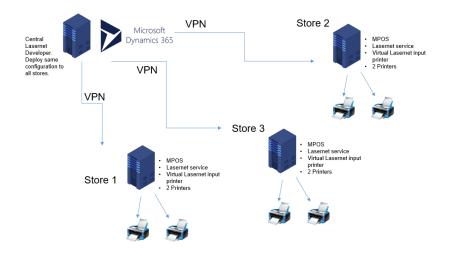
This article will guide you through the process of setting up Lasernet and Dynamics 365 Finance and Operations to print documents as large receipts in A4 and Letter format through Lasernet.

Prerequisites

The Lasernet Server and Developer must be installed on your central PC. Lasernet must also be installed on each PC that runs the POS. Remember that the central Lasernet server must be able to reach the other Lasernet servers.



D365 MPOS - Offline mode



Warning

You will require specific licenses to run this setup, so contact your Lasernet account manager.

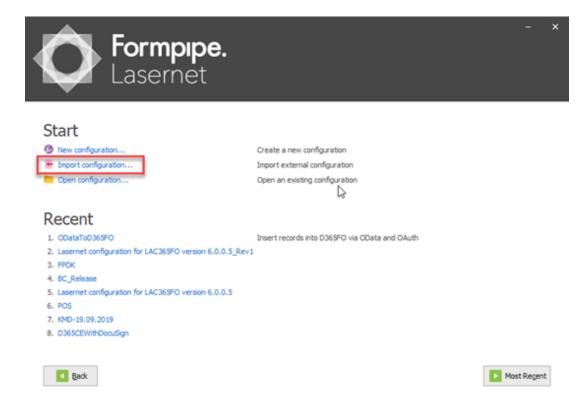
In the Configuration manager, add each additional Lasernet server to the central Lasernet server. <u>http://localhost:3479/</u>

Lasernet					admin +
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		GURATIONS configurations	DEPLOYMENT Manage deployment of configurations	HISTORY View deployment history	
			222	\$	
		ERVERS age servers	USERS AND GROUPS View and edit local users	SECURITY ROLES Manage access control to products and services	
Lasernet					admin •
Home Home					
Servers					Add
Instance	Hostname	Port			
P05_3	NewYorkPO5_3	3279			Remove
P05_1	SanJosePO5_1	3279			Remove
P05_2	MiamiPO5_2	3279			Remove

You must also have a running POS before you start the configuration process.

Configure Lasernet Developer

In the central Lasernet server, import the MPOS configuration in the Lasernet Developer.



Add the Local Lasernet Servers

- 1. Select **Servers** from the menu on the left side of the page, and remove the old server.
- 2. Add a new server.
- 3. Select the instance from which you want to run a test from the Instance drop down list.

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4. Select the **Grab** tab and enable **Grab Mode**.

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General Grab Database Logger Printers Failover Client JobInfos
✔ Grab
Server grab directory: •••• Maximum grab files per folder: 10000 \$
File exist: Overwrite Rename Skip
Bownload grabs from server

Qk Cancel

5. Click **Ok** to close the window.

6. Add a new server for each POS Lasernet server and, for each of them, enable **Grab mode**.

Ele Edit Servers Xiew Bevision He	6						MPOS - Li	semet Developer 9	
💅 Depkoy 🚫 Patch 🥑 Validate		TRevert	🕑 History 🛛 🔷 Add	\$ tel 0 te	emove Titler		×		
	Ø Instance	n Flag	Description	Grab Directory	Grab Files	Runtime	Falover	Groups	Locked by
Master	Master								
PO5_1	PO1	0			10	000 C/\Programi	Dat		Ate on 15-01-2020 16:49
PO5_2	PO:	2			10	000 C/\Program0	Det		Me on 15-01-2020 16:51
PO5_3	PO1	0			10	000 C//Programi	Dat		Ate on 15-01-2020 16:51

7. From the menu bar at the top of the page, select **Commit** and then **Deploy** to choose from which server where you want to test.

Add Input Printer

1. Log into the POS machine where Lasernet is installed and that you want to use for testing. Navigate to **Printers and scanners** (it is possible that your server will have another name for this).

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Sett	tings			0		Printers & scanners
₿ B	Add a prin	ter or scanner			>	System settings
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	printer					🖵 Open
	Find and fi	x problems wi	th printin	g	>	
Ņ	-	vanced color ent settings fo	r displays	i,	>	Get quick help from web

2. Add a new printer: select Add a Local printer network printer with manual settings and click Next.

~	👼 Add Printer
	Find a printer by other options
	○ My printer is a little older. Help me find it.
	○ Select a shared printer by name
	Browse
	Example: \\computername\printername or http://computername/printers/printername/.printer
	○ Add a printer using a TCP/IP address or hostname
	○ Add a Bluetooth, wireless or network discoverable printer
	Add a local printer or network printer with manual settings
	Next Cancel

3. From the **Use an existing port** drop down list, choose the **LasernetInput** port and click **Next**.

← 📾 Add Printer

Choose a printer port

A printer port is a type of connection that allows your computer to exchange information with a printer.

Use an existing port:	LPT1: (Printer Port) ~
	LPT1: (Printer Port)
Create a new port:	LPT2: (Printer Port)
	LPT3: (Printer Port)
Type of port:	COM1: (Serial Port)
	COM2: (Serial Port)
	COM3: (Serial Port)
	COM4: (Serial Port)
	FILE: (Print to File)
	C:\ProgramData\TechSmith\Snagit 18\PrinterPortFile (Local Port)
	Lasernet Capture (Lasernet Printer Port)
	LasernetInput (Lasernet Printer Port)
	Microsoft.Office.OneNote_16001.11328.20100.0_x648wekyb3d8bbe
	Microsoft.Office.OneNote_16001.12325.20040.0_x64_8wekyb3d8bbw
	nul: (Local Port)
	PORTPROMPT: (Local Port)
	POSInput (Lasernet Printer Port)
	Next Cancel

4. Select Have Disk and then Browse.

Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk. Manufacturer Formpipe Software			
To install the driver from an installation CD, click Have Disk. Aanufacturer Printers		Choose your printer f	from the list. Click Windows Update to see more models.
		To install the driver fro	om an installation CD, click Have Disk.
eneric GLasernet Text Only		-	Calasemet Text Only
Microsoft Kerex	Micros	-	

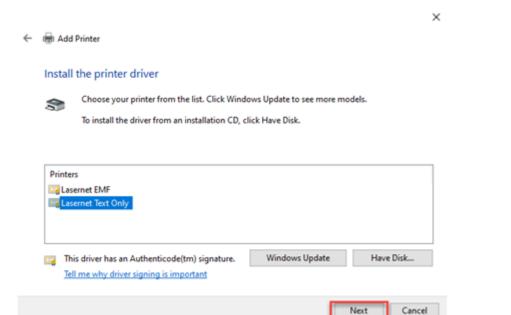
5. Browse to C:\Program Files\Formpipe Software\Lasernet 9\Drivers.

Locate File						×
Look in:	Drivers V	🗿 🤌 📂 🛄 •				
Quick access Desktop Libraries This PC	Recert tems Desktop Netwock Libraries Michael Buch Wibe OrneDrive This PC Downloads Desktop 30 Objects Documents Music Windows (C:) Program Files Fompipe Software Lasemet 9 Windows	Date modified 23-08-2019 09:16 23-08-2019 09:16 22-05-2019 10:25	Type File folder File folder Setup Information	Size 5 KB		
	System32 AX365 Default Setup				~	Open
	Azure Service Bus Explore				~	Cancel

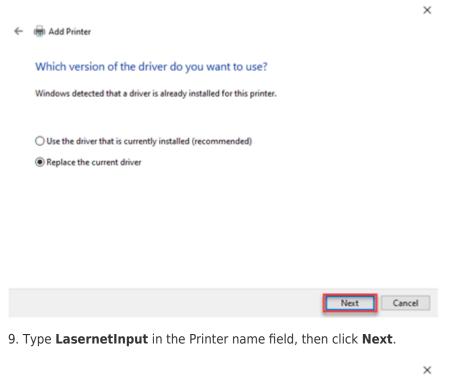
6. Select LnPrintComponents.inf and then click Open.

Locate File							×
Look in:	Drivers	~	G 🗊 📁 🛄 -				
Quick access Desktop Libraries This PC	Name NT5 NT5X64	ponents.inf	Date modified 23-08-2019 09:16 23-08-2019 09:16 22-05-2019 10:25	Type File folder File folder Setup Information	Size 5 KB		
	File name: Files of type:	LnPrintComponents.inf Setup Information (".inf)				*	Open Cancel

7. Click **Ok** to close the form and then select **Lasernet Text Only**. Then click **Next**.



8. Select the Replace the current driver radio button and then click Next.



add Printer	
Type a printer	name
Printer name:	LasemetInput
This printer will be	installed with the Lasernet Text Only driver.

10. Select the **Do not share this printer** radio button and then click **Next**.

Next

Cancel

iter

	Printer Sharing							
	If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.							
	O Do not share this printer							
	○ Share this printer so that others on your network can find and use it							
	Share name:							
	Location:							
	Comment:							
	Next Cancel							
11.	Click Finish . Your input printer to Lasernet is now ready.							
	×							
\leftarrow	📾 Add Printer							
	You've successfully added LasernetInput							
	Set as the default printer							
	To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.							
	Print a test page							

12. Navigate back to **Properties** on your input printer and select the **Device settings** tab.

Finish Cancel

13. We recommend the following setting. This can be different from case to case so, please, test and see if all the data is reaching Lasernet.

LasernetInput Properties

General	Sharing	Ports	Advanced	Color Management	Security	Device Settings
	Colum Rows: <u>1</u> Default Charac Charac Force p	ns: <u>250 (</u> 1 <u>20 lines</u> Paper F : Orienta ter widt ter heig paper wi	<u>v Device Sett</u> <u>characters</u> Format: <u>A4</u> ation: <u>Portra</u> h: <u>1 pixels</u> ht: <u>1 pixels</u> dth: <u>0 1/10 r</u> ight: <u>0 1/10</u>	<u>it</u>		
				ОК	Cancel	Apply

14. Close the properties form.

Add Output Printer

To print your receipts, you must now add another printer to the same server. It does not matter what driver you use here, so you may use the driver that comes with the printer. However, the name of the printer is extremely important and it must be **LasernetOutput** as in your settings in the Lasernet Configuration.

Note

The driver does not need to be shared.

	Setti	ngs		
	ŵ	Home	Prir	iters & scanners
	Fi	Find a setting ρ Devices		Lasernet EMF2EMF
	Dev			Lasernet Print Capture
ļ	5	Bluetooth & other devices	品	Lasernet Reference Printer
1	8	Printers & scanners Mouse	æ	Lasernet Text Only
		Touchpad	ß	Lasernetinput
	•	Typing	日	LasernetOutput
	s	Pen & Windows Ink		LN POS Input
	Þ	AutoPlay	نصا	Offline
	Ō	US8	₿	Microsoft Print to PDF App available for this device
			æ	Microsoft XPS Document Writer

Hardware Profile

1. Log in to your Dynamics 365 Finance and Operations environment and navigate to **Retail** and **Commerce** > **Channel setup** > **POS setup** > **POS profiles** > **Hardware Profiles**.

o x

Finance and Operations					USMF 🔎 🗘 🕲 🎯 ?	? (AP)			
Expense management	Expand all Collapse all								
Fixed assets	> Products and categories	> Payment methods		111.					
Fleet management	> Catalogs and assortments	> Fiscal integration		4//.					
General ledger	> Product recommendations	✓ POS setup		1.	-				
Human resources	> Pricing and discounts	Registers				1 K			
Inventory management	> Channels	Devices							
Lasernet	> Employees	Channel reports configuration				•			
Leave and absence	> Customers	Register offline status							
Master planning	> Inventory management	> POS		People	Retail and Commerce IT				
Organization administration	> Distributed order management	✓ POS profiles	J						
Pavroll	> Continuity	Offline profiles	ę	Personnel management	Revenue management				
Print buttons	> Retail and Commerce IT	Functionality profiles Receipt profiles							
Procurement and sourcing	Inquiries and reports Task management	Hardware profiles	-		Sales order processing and				
Product information management	✓ Channel setup	Visual profiles Custom fields	-	management	C inquiry				
Production control	Channel profiles Fulfillment groups	Language text Fiscal register configurations		Product readiness for discrete manufacturing	Sales return processing				
Project management and accounting	Project management and Info codes accounting	> Call center setup		discrete manufacturing					
Questionnaire	Info code groups	> Online store setup		Product readiness for					
Rebate management	Channel categories and product attributes	> Returns			Store financials				
Retail and Commerce	Store pickup time slot	 Keturns Microsoft Teams Integration 							
Revenue recognition	Store hours	Configuration	5	Product variant model	Store management				
Sales and marketing	Process pickup time slot availability	> Headquarters setup	1	9 definition					
Service management	> Sales taxes	> Order management							
System administration	> Charges			Production floor management	System administration				

- 2. Locate or add a new profile that you will use for Lasernet.
- 3. Change the settings to match the settings in the following picture.

	Finance and Operations Retail an	d Commerce 🖒 Channel setup 🖒 POS setup 🔪 POS profiles 🔪 Hardware profiles USMF 🕠	0	٥	٢	۲	?	AP
=	← 😑 🗟 Save 🕂 New 🔋 Delete	e Copy Download Import Options 🔎	⊗ 1	D I	P 0	Ģ	a)	7
© ☆	P Filter	Standard view ~ POS hardware profile						
•	HW001 GEN1 Profile	Profile number Description Package reference HW001 CENIT Profile						
	HW002 GEN2 Profile	Printer				^		
	HW003 Hardware Profile_JN	Printer Male Description Character set Document insurf/immoul Windows diver						
	HW004 GEN4 Profile	Lasernetinput Default V No						
	Virtual	Printer 2				~		
	Virtual peripherals profile	Line display				~		
	VirtualPay Virtual peripherals profile	Dual display				~		
		MSR				~		

4. **Save** and close the form.

Test Print

Log in to your POS terminal and try to print the receipt that you wish Lasernet to design. Ensure that you select the **LasernetInput** printer. The document might not look especially good at first, but that will change once you have created a design in the Lasernet Developer.