# 1. MPT (Mainchain Printing Tool) Installation

The Mainchain printing tool allows you to configure printers in Shipment Centre EU. The printing tool is required to be installed on a PC, the install process is very simple.

The printing tool is then used to configure printers to print specific Shipment Centre EU documentation. Shipment Centre EU will then print directly to your printers via the Mainchain printing tool.

Please contact your System Administrator if you don't have permissions to install the Mainchain printing tool or if you are not sure which mode to select.

### **1.1 System Requirements**

- Windows 7 or higher
- Windows Server 2008 R2 or higher
- System administrator permission
- .NET Framework 4.7.2 or above installed on your machine
- MPT includes the .NET 4.7.2 install files if required

#### 1.2 Overview

When using Shipment Centre EU, MPT can run in two different modes:

- Standard
- Service

Note: MPT can be installed only one of the options above. Multiple modes in the same system is not possible

! You can find more information about the different modes in the full manual.

### 1.3 Installing MPT

Download and extract the Installation zip folder

Run the MPT installer by clicking on the 'Setup' file



File Home Share View				
🚽 🕤 🛧 📙 > Mainchain Printi	ng Tool Installer			
Name ^	Date modified	Туре	Size	
ISSetupPrerequisites	24/06/2019 1:29 PM	File folder		
📙 program files	24/06/2019 1:29 PM	File folder		
🔊 0x0409	6/06/2019 1:11 PM	Configuration sett	23 KB	
📳 Mainchain Printing Tool	6/06/2019 1:11 PM	Windows Installer	3,860 KB	
🖏 setup	6/06/2019 1:11 PM	Application	1,267 KB	
<ul> <li>Setup</li> </ul>	6/06/2019 1:11 PM	Configuration sett		

If.NET Framework 4.7.2 is not installed yet, installer will prompt to install the framework.



#### Specify required installation mode.

🛃 Mainchain Printin	g Tool - InstallShield Wizard X
Printing tool install	ation mode
Please specify insta	llation mode.
Standard	Use when:
OService	This is the default and standard option which caters for a single user per individual PC requiring the ability to print documentation.
○ Remote	If you're unsure, select this installation mode.
InstallShield	For printers setup & troubleshooting help guides click here
	< Back Next > Cancel

### Installing MPT – as Standard

Specify the Destination Folder, or click 'Next' to install to the default location

🛃 Mainch	ain Printing Tool - InstallShield Wizard	×
Destinati	on Folder	
Click Ne	xt to install to this folder, or click Change to install to a different fol	lder.
P	Install the Mainchain Printing Tool to:	
	C:\Program Files (x86)\Mainchain\Mainchain Printing Tool\	Change
InstallShield		

Specify the Network Port Number if required

• Click 'Next' to use the default port 50515

• If however another application on your network already uses this port, please edit the port number before clicking 'Next'

🛃 Maine	chain Printing Tool - InstallShield Wizard	×
Networ Pleas	k Port Configuration e specify port number (if required), or click Next to use default.	M
URL:	http://localhost:50515	
	If the default port number here is already used by another application running on your computer/network, please update and click Next.	
	eg. http://localhost:XXXX	
	Please update the port number within Mainchain also If required.	
	For printers setup & troubleshooting help gu	des click <u>here</u>
InstallShiel	d	
	< Back Next >	Cancel

Click 'Install' to begin installation

鯞 Mainchain Printing Tool - InstallShield	×							
Ready to Install the Program								
The wizard is ready to begin installation.								
Click Install to begin the installation.								
If you want to review or change any of you the wizard.	ur installation set	tings, click Back. Click (	Cancel to exit					
InstallShield		-						
	< Back	Install	Cancel					

Click 'Finish' to complete the setup. Please ensure 'Add to Startup' is ticked so that MPT automatically starts every time the PC is started.



The MPT Tool will start automatically and the will appear in your system tray when running



#### Installing MPT – as Service

PLEASE ENSURE YOU HAVE THE FOLLOWING BEFORE INSTALLING AS SERVICE:

- System administrator permission
- .NET Framework 4.7.2 or above installed on the machine
- (MPT includes the .NET 4.7.2 install files if required)
- The local or network printers must be available from the computer you want to run MPT as a service on
- A user account which has access to the printers from that computer and can run the 'Mainchain Printing Tool Service'

Run the MPT installer and select 'Service', click 'Next'

🛃 Mainchain Printii	ng Tool - InstallShield Wizard	×
Printing tool install	ation mode	
Please specify insta	ilation mode.	
OStandard	Use when:	
Service	The computer may be shared by multiple users logo needs to run as a service in the background.	ed in, and therefore
ORemote	You are on a Terminal Services Environment (for ex need to allow multiple users to access the printing t time.	ample, Citrix) and ool at the same
InstallShield	For printers setup & troubleshooting he	Ip guides dick <u>here</u>
	< Back Next >	Cancel

! You can find more information about the different service types in the full manual.

## 1.4 Print settings in Shipment Centre EU

After installing the Mainchain Printing tool make sure that the print option "Mainchain printing tool" is selected in Shipment Centre EU for each desired document type. In Shipment Centre EU, navigate to setting by

- 1. In the menu click on "Settings"
- 2. On the Settings page select "Printing"

3. Click the <sup>C</sup> "Edit printer settings" icon which is located behind every Shipment Centre EU document type to open the printer settings for that specific document type.

- 4. Make sure printer type "Local" and Use " Mainchain Printing tool" are selected.
- 5. Click "save" to save the settings.

ashboard	Create Shipment	Create Quote	Address Book My	Goods Shipment	Review	Settings	Shipment Templates	Currently logged in as
<u>: [.].]</u> ]	adlerich p			SETTI	NGS			Default •
Create Shipmer	nt Settings Printing							
Printer For:	Mainfreight Label			Format: *	PDF Z	PL		
Printer Type:	Local Remote			Page Format: *				
Use:	Quick Print M	ainchain Printing Toc	4 Maincha	in Printing Tool Link: *	http://localhos	t:50515		
Printer: *	Save to PDF+				Test Conr	nection		
	( .							

### **Unable to connect Printers**

In Shipment Centre, navigate to setting by:

- 1. In the menu click on "Settings"
- 2. On the Settings page select "Printing"
- 3. Under Print setting verify the URL is same as one selected during install
- 4. Save settings and refresh the page by pressing "F5" or click O from bowser menu

🛞 shipment centre Ser-English 🥹									en - English 🏵	
Dashboard	Create Shipment	Create Quote	Address Book	My Goods	Shipme	nt Review	Settings S	hipment Templates	s	Currently logged in as
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Create Shipn	NGS	9								
Mainchain P	rinting Tool Link: *	[	http://localhost:50515		Ø	Test Connect	tion			Save Settings
PRINT LABEL	s									
		Prin	ter		Туре	Copies	Format	Page Form	at	

# Give permission for MPT to access

**Note**: This is applicable for both MPT standalone and MPT as service, version V 1.0.0.26 or higher

If you have installed MPT Version 1.0.0.26 or higher. Browser will ask permission to send data to MPT. This is used to send configuration data from browser to MPT.

The browser will prompt the message when

- It cannot connect directly to MPT (and)
- Connecting via relay service for the first time.
- User changed to new Laptop / PC
- Browser cache is cleared
- "Test connection" is initiated from Setting -- > Printing

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Dashboard	Create Shipment	Create Quote	Address Book	My Goods	Shipment Review	Settings	Shipment Templates	Currently logged in as
C LAC	divelente				SETTINGS			Default +
Create Shipr	ment Settings Printing							
PRINT SETTI	NGS							
Mainchain P	Printing Tool Link: *		http://localhost:50515		Test Connec	ction		Save Settings
PRINT LABE	LS							

Following is default prompt box for browsers:

Google Chrome:	Open Mainchain Printing Tool? Open Mainchain Printing Tool Cancel
Internet Explorer: Tip: Uncheck the – "Always ask" so the browser remembers your option next time	Internet Explorer       ×         Image: Computer Program of Sour computer Program Mainchain Printing Tool       Address:         Program: Mainchain Printing Tool       Address:         Address:       mpt%5C%5C1716THE         Image: Program Wainchain Printing Tool       Address         Address:       mpt%5C%5C1716THE         Image: Program Wainchain Printing Tool       Address         Image: Program Wainchain Printing Tool       Image: Program Wainchain Printing Tool         Image:
Firefox: <i>Tip: Uncheck the – "Remember my choice" so the browser remembers your option next time.</i>	Launch Application       ×         This link needs to be opened with an application.       Send to:         Mainchain Printing Tool       Choose other Application         Choose other Application       Choose         Bemember my choice for mpt links.       Cancel         Open link       Cancel