

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

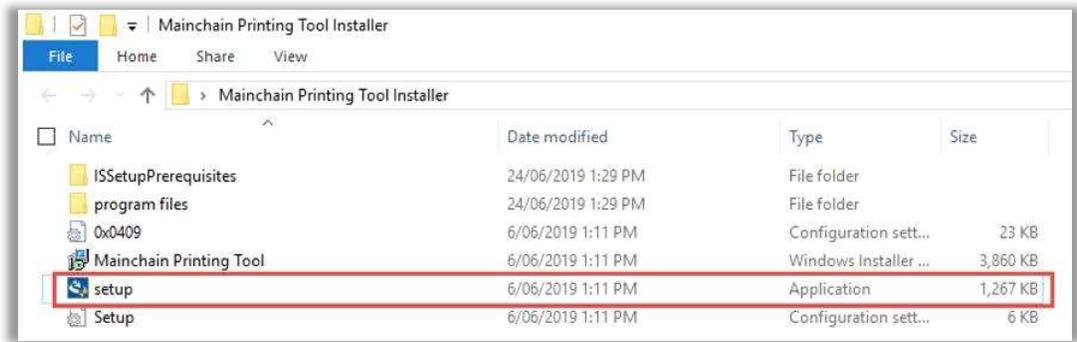
! You can find more information about the different modes in the full manual.

1.3 Installing MPT

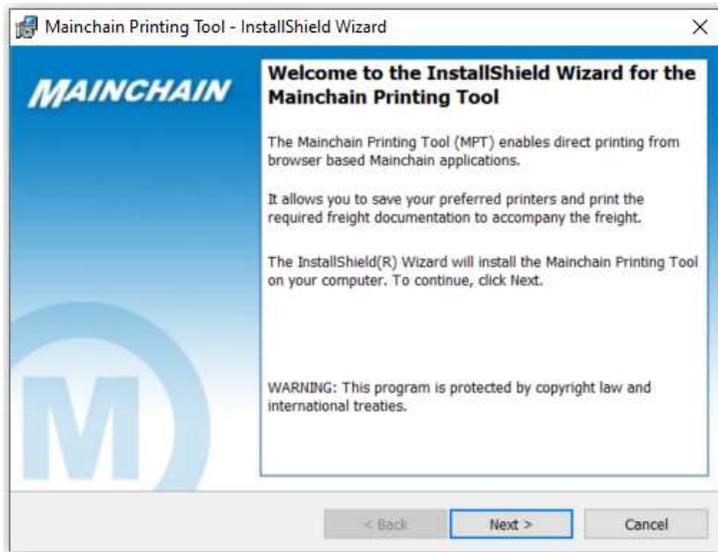
[Download](#) and extract the Installation zip folder

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

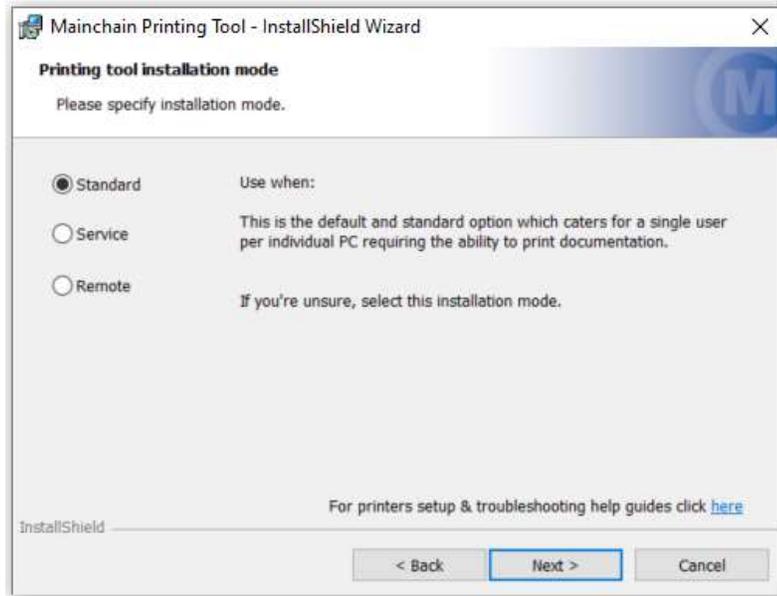




If .NET Framework 4.7.2 is not installed yet, installer will prompt to install the framework.

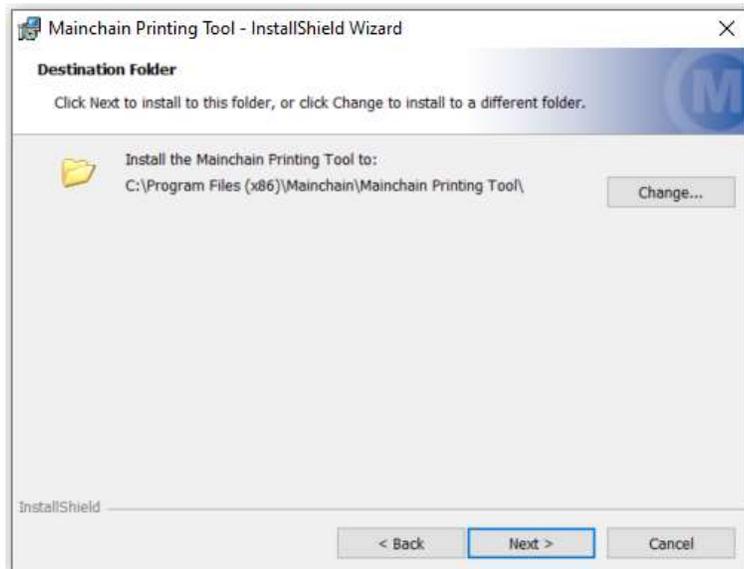


Specify required installation mode.



Installing MPT – as Standard

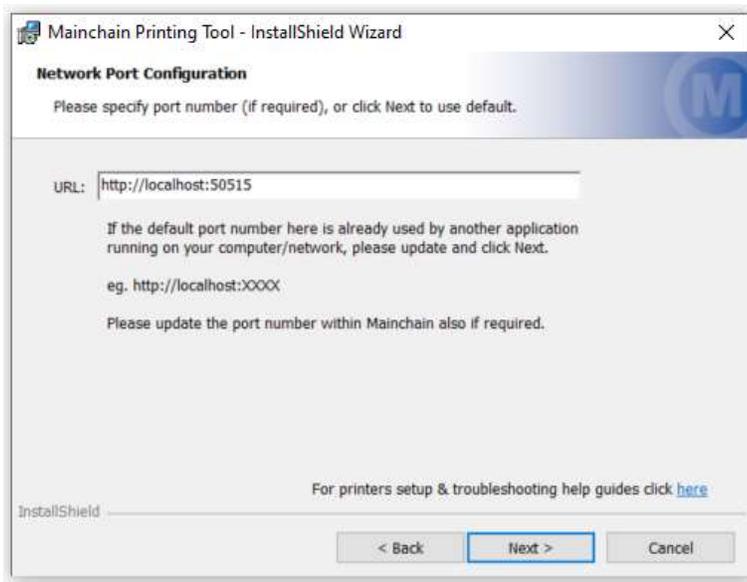
Specify the Destination Folder, or click 'Next' to install to the default location



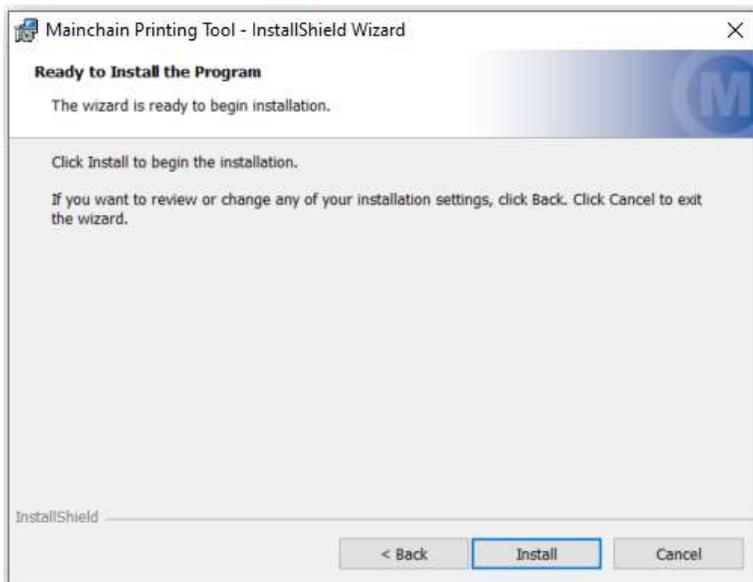
Specify the Network Port Number if required

- Click 'Next' to use the default port 50515

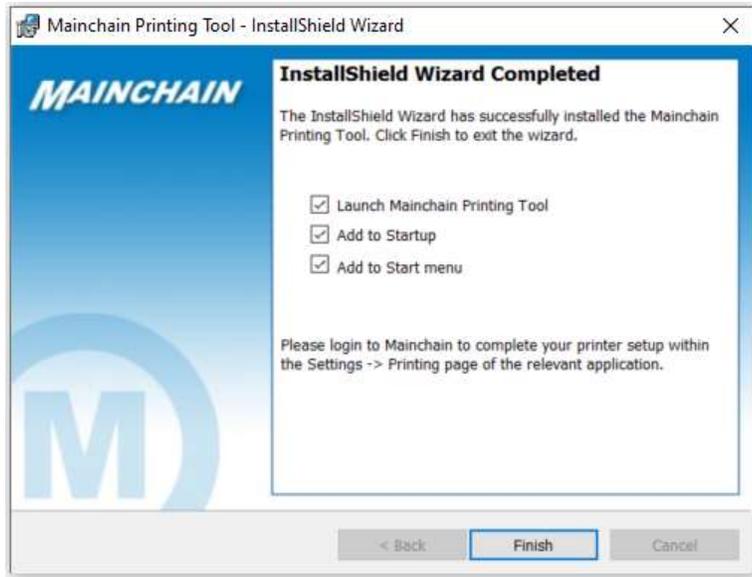
- If however another application on your network already uses this port, please edit the port number before clicking 'Next'



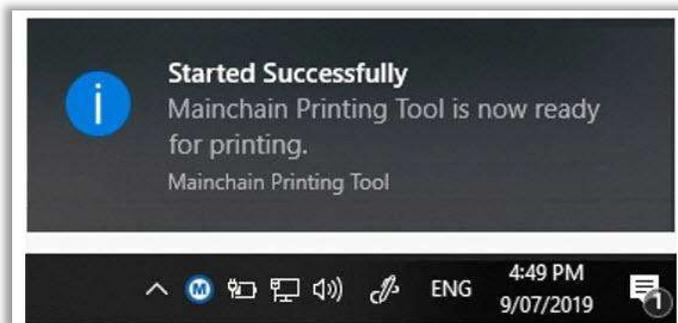
Click 'Install' to begin installation



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  icon will appear in your system tray when running

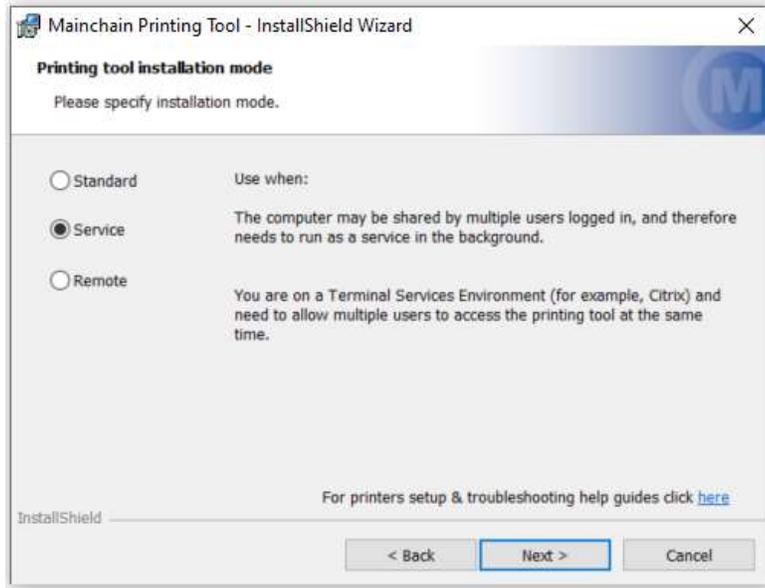


Installing MPT – as Service

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'



! 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  “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.

Dashboard Create Shipment Create Quote Address Book My Goods Shipment Review ¹⁰ Settings Shipment Templates Currently logged in as SCEU Mainfreight NL TEST

MAINFREIGHT **SETTINGS** Default ▾

Create Shipment Settings Printing

Printer For: Maintfreight Label Format: * PDF ZPL

Printer Type: Local Remote Page Format: *

Use: Quick Print Mainchain Printing Tool Mainchain Printing Tool Link: * http://localhost:50515

Printer: * Save to PDF+ Test Connection

Copies: 1

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 ↻ from browser menu

shipment centre en - English

Dashboard Create Shipment Create Quote Address Book My Goods Shipment Review ¹⁰ Settings Shipment Templates Currently logged in as SCEU Mainfreight NL TEST

MAINFREIGHT **SETTINGS** Default ▾

Create Shipment Settings Printing

PRINT SETTINGS

Mainchain Printing Tool Link: * http://localhost:50515 Test Connection Save Settings

PRINT LABELS

Printer	Type	Copies	Format	Page Format
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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

The screenshot shows the 'shipment centre' web application interface. The top navigation bar includes 'Dashboard', 'Create Shipment', 'Create Quote', 'Address Book', 'My Goods', 'Shipment Review' (with a red notification badge '10'), 'Settings', and 'Shipment Templates'. The user is logged in as 'SCEU Mainhight NL TEST'. The main content area is titled 'SETTINGS' and has a 'Default' dropdown menu. Under 'PRINTING' settings, the 'Mainchain Printing Tool Link' is set to 'http://localhost:50515'. A 'Test Connection' button is highlighted with a red box, and a 'Save Settings' button is visible to its right. Below this, there is a section for 'PRINT LABELS'.

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

Do you want to allow this website to open a program on your computer?

From: **about:blank**
Program: Mainchain Printing Tool
Address: mpt:%5C%5C1716THEJ

Always ask before opening this type of address

Allow

Cancel

Allowing web content to open a program can be useful, but it can potentially harm your computer. Do not allow it unless you trust the source of the content. [What's the risk?](#)

Firefox:

Tip: Uncheck the – “Remember my choice” so the browser remembers your option next time.

Launch Application

This link needs to be opened with an application.
Send to:

Mainchain Printing Tool

Choose other Application

Choose...

Remember my choice for mpt links.

Cancel

Open link