



# LSAM Print3D License Server Installation

Updated: July 2025 (Version 3.3.2.1 and newer)

## Server Computer Setup

1. Download the newest compatible version of the Print3D\_AMNetLicenseInstaller.exe listed on the [software updates](#) page.
2. Run the .exe the Net License installer on the computer responsible for managing LSAM Print3D network licenses.
  - a. This computer must have the same MAC address as the one specified in the LSAM Print3D license file "CAMU.mclf".
  - b. When prompted for a Port Number, enter an available port number on the server. (A recommended port number is 22351.)
3. Save the CAMU.mclf license file directly in the server computer. The file should be located at the following path: `C:\Program Files\AMNetLicenseServer\CAMU.mclf`.
4. Start or restart the AMNetLicense Service.
  - a. Press CTRL+ALT+DEL.
  - b. Under the Services Tab, find AMNetLicenseService.
  - c. Right click and select Restart.

## Client Computer Setup

1. Ensure that the desired version of Mastercam and compatible version of [LSAM Print3D](#) have been installed on the client computer.
2. Copy the license file "CAMU.mclf" directly to the "Shared Mastercam" directory.
  - a. To confirm the associated "Shared" directory from Mastercam, go to **File > Configuration > Files > Shared Mastercam Folder**.
  - b. Example: for Mastercam 2026, the default location would be `C:\Users\Public\Documents\Shared Mastercam 2026\`
3. Create a new text file and name it "**AM\_Net\_License\_client.ini**". This file will provide the location of the license server on the network and must be present on client computers.

- a. The text file should only contain one line, text should be formatted with the following format: **[IP ADDRESS]:[PORT NUMBER]**. (Example: 192.168.0.5:22351)
  - b. **[IP ADDRESS]** is the IP Address of the Server Computer. If the client computer is the same as the server computer, the IP Address can be set to "localhost". (Example: localhost:22351)
  - c. **[PORT NUMBER]** is the same port number specified during license server installation (*Server Computer Setup: 2.a*). The port number can be found on the server computer in the file located at *C:\Program Files\AMNetLicenseServer\AMNetLicenseServer.ini*.
  - d. Copy or save the **AM\_Net\_License\_client.ini** to the client computer "Shared Mastercam" directory. (Example: *C:\Users\Public\Public Documents\Shared Mastercam 2026*)
4. Ensure the **Mastercam 2026 - LSAM Print3D** desktop shortcut is present on the Client Computer. This shortcut is created by the Print3D installer and is required for connecting with the license server. (Examine the Recycle Bin or re-run the client installer if needed).

## Additional Troubleshooting Steps

If problems occur during startup of Mastercam on the client computer, review the following before contacting Thermwood for assistance. Review the steps in the previous two sections as needed.

1. Ensure the file **CAMu.mclf** is located on the Server Computer and all Client Computers.
  - a. The file should exist on the Server at *C:\Program Files\AMNetLicenseServer\CAMu.mclf*.
  - b. The file should exist on each Client in the "Shared Mastercam" directory. (Example: *C:\Users\Public\Public Documents\Shared Mastercam 2026\CAMu.mclf*)
2. Ensure the MAC address of the Server Computer matches the address originally supplied to Thermwood. Changing the desired Server Computer will require a new **CAMu.mclf** license file.
  - a. To get the MAC address of the Server Computer, you can use the **getmac** command in the Command Prompt.
3. Take note of the IP address of the Server Computer and the Port Number being used by the License Server.
  - a. Locate the file **AMNetLicenseServer.ini** on the Server Computer, which can be found in the directory *C:\Program Files\AMNetLicenseServer\*. Make note of the of the Port Number specified in the file.
  - b. To get the IP Address of the Server Computer on your network, you can use the **ipconfig** command in the Command Prompt
4. From the Client Computer open the **AM\_Net\_License\_client.ini** file located in the "Shared Mastercam" directory. Confirm the correct IP Address and Port Number are present.
5. Restart the AM Net License Server (*Server Computer Setup: 4*).