Moldplus Server V6.0





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Introduction

This document is designed to assist you with properly installing and configuring Moldplus Server Version 6.0 on your Mastercam Network license management system.

The installation program for Moldplus Server V6.x is designed to install the required files for Moldplus Server to function along with:

- a. the Aladdin HASP License Manager for Mastercam for NETHASP SIMS
- b. WIBU Codemeter software install
- c. Sentinel NETHASP SIM Driver
- d. Relevant Firewall exceptions for the Sentinel drivers and Moldplus Service

An assumption is made that you have ALREADY PROPERLY CONFIGURED THE ABOVE license servers for Mastercam and taken the necessary precautions to ensure smooth operation of above systems.

Moldplus Server is designed to work along with the above licensing systems. The Moldplus Server executable enables users to use Moldplus software solutions in a network environment. The number of licenses you purchase for Moldplus products limit the number of licenses you can run at any given time. The license information is stored in an XML file that is provided by Moldplus SA and configured with the Server software.

The concept behind using Moldplus products in a network environment is to enable multiple users to use the relevant Moldplus product from different workstations, using only one software protection module from a station that is called the Moldplus Server.

The Moldplus Server installation should be performed on:

- 1. A 64 bit operating system
- 2. the system that has the NETHASP SIM physically installed.
- 3. For WIBU NETWORK servers, the Moldplus Server needs to be installed on the computer where the WIBU NETWORK Server is installed and activated/managed. This server has to be a on a different computer from a client computer.

To perform the **Moldplus Server V6.x installation** on a **server for the first time with** the **NETHASP SIM** (even if you uninstall the Moldplus Server V5.4), it is **imperative** that **someone is physically present at the Server** to interact with the SIM as they will be asked to disconnect and connect the NETHASP SIM during the process. Maintenance license updates can be done remotely and without stopping the Moldplus Server.

Products supported by Moldplus Server V6.0

Moldplus products are supported to run under the Moldplus Server Manager for versions of Mastercam 2021 and below up to Version 9.1

WIBU Network licensing is only supported for Mastercam 2019 and above.

NOTE: - Moldplus Maintenance dates are independent of the Mastercam maintenance dates. The dates displayed in the Moldplus Server manager will indicate when the Moldplus maintenance will expire.

What's new in Version 6.0.

This is a major update of the Moldplus Server since the release of the last version. Studying the installation process and challenges faced by our clients over the years, we have streamlined the process as much as possible to help ease the installation and configuration process.

Some of the main highlights include:

- 1. Implemented new NETHASP SIM detection mechanism. (NETHASP SIM mode can be configured as NETWORK or LOCAL for Mastercam.)
- 2. Support for the Mastercam WIBU NETWORK licensing.
- 3. Firewall exceptions for the Moldplus Service automatically added using the new installation software package during the installation process.
- 4. Streamlined the User Interface of the Server solution to minimize the interactions for the end-user.
- 5. Automatically launch the Service and Server upon code registration and installation completion.
- 6. Automatically select all available IP addresses for the Server if no IP address is chosen.
- License update process only involves registering a new XML license provided using the Register license button from the License Manager dialog. There is no need to stop or start the server to do this.

NEW SIM detection method

Moldplus Server uses a new mechanism to identify the existence of the NEHASP SIM on the computer. The Mastercam SIM setting mode does not affect Moldplus Server 6.0.

WIBU NETWORK Server support

Moldplus Server functions with the WIBU NETWORK server.

Streamlined User Interface

Moldplus Server interface has been improved to display the minimal information to the end user when launched. Prompts in the LOG tab help walk the end user through the installation process. Upon successful license registration, the Server is automatically launched.

2	Moldplu	s License	Server Manager 6.0.0				—		×
	Sim Num	ber: 98	76543					Viev	v lic file
	Host na	me: AB	C_Server				C	View	log file
	IP# to	use: 192	192.168.1.33			- I		H	lelp
	F	Port: 897					Server		
Reg	jister licer	nse M-A	ABC_Client_M219-1234_s.xml				kunning		
Lo	og Lio	censes							
	Level Id		Level Name	Date	Туре	#Used Seats	#S	eats	
1	1	Moldplu	us Standard	Fri Jan 31 2020	м	0	10		
2	3	Moldplu	us Professional	Fri Jan 31 2020	М	0	10		
3	5	Moldplu	us 5 Axis Toolkit	Fri Jan 31 2020	М	0	10		
4	6	Moldplu	us 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10		
5	7	Moldplu	us STL Utilities	Fri Jan 31 2020	М	0	10		
6	8	Moldplu	us Plate Fixture Design	Fri Jan 31 2020	М	0	10		
7	11	Moldplu	us CATIA V5 Read	Fri Jan 31 2020	М	0	10		•
M		LUS the difference						C	lose

Viewing the Log tab will display the status of the Server.

IP# to use:	192.168.1.33	
Port:	897	Server
Register license	M-ABC_Client_M219-1234_s.xml	Running
Log License	s	,
Server started Detecting connec Local NetHasp fo	ted SIM und, start monitoring.	-

Additional buttons for Starting and Stopping the Server are only displayed when the Server interface is launched using the Admin mode.

	Moldpl	us License Server 🛛 🔿						
1	Moldp	olus Server Diagnostic Tool						
S	Moldp	blus Server Manager						
		-t⊐ Pin to St	art					
		More		>	_~_ I	Din to tookk	r	
		📓 Uninstall					ar	/
					LQ I	Run as adm	inistrator 🥌	
						Open file lo	cation	
2	Moldplu	s License Server Manager 6.0.0)				—	
	Sim Num	ber: 9876543						Start server
	Host na	me: ABC Server						Stop server
	IP# to	use: 192.168.1.33				-		View lic file
	F	Port: 897					Server	View log file
Reg	jister licer	M-ABC_Client_M219-1234_s	.xml				Running	Help
Lo	og Lio	enses					,	
	Level Id	Level Name	Date	Туре	#Used Seats		#Seats	
1	1	Moldplus Standard	Fri Jan 31 2020	М	0	10		
2	3	Moldplus Professional	Fri Jan 31 2020	М	0	10		
3	5	Moldplus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10		
4	6	Professional	Fri Jan 31 2020	м	0	10		
5	7	Moldplus STL Utilities	Fri Jan 31 2020	М	0	10		
6	8	Moldplus Plate Fixture Design	Fri Jan 31 2020	м	0	10		
7	11	Moldplus CATIA V5 Read	Fri Jan 31 2020	М	0	10		-
Μ	IOL OP Makes	LUS						Close

The following is a summary of the bugs fixed and improvements.

Enhancements:

[MLDSV-86] - Remove the service account setting
[MLDSV-89] - Support for WIBU Network licensing
[MLDSV-91] - Switch to Advanced Installer for application packaging
[MLDSV-101] - Show Start and Stop buttons when Manager is started with Admin rights
[MLDSV-102] - Automatically restart server on config update
[MLDSV-85] - Minor UI improvements
[MLDSV-87] - Restore Manger size and position
[MLDSV-94] - Improve log messages and responsiveness
[MLDSV-95] - Include Moldplus logo as the images for the installer
[MLDSV-97] - Remove start / stop buttons from the manager
[MLDSV-98] - Automate packaging
[MLDSV-75] - Improve robustness of key mapping storage
[MLDSV-79] - Add explicit message when service cannot be started because of user rights
[MLDSV-80] - Use SimAccess for key validation only and sentinel info for monitoring

[MLDSV-74] - Implement more robust Local NetHasp detection mechanism

Bugs Fixed

- [MLDSV-83] Clients cannot connect to the new Moldserv beta
- [MLDSV-84] Moldserv is sometime unresponsive
- [MLDSV-82] Moldserv cannot validated some sentinel key types
- [MLDSV-72] Moldserv does not detect NetHasp local with latest drivers

Customer Requirements:

- 1. The Windows Server Operating System is a **64bit operating system**.
- 2. Please make sure you are **logged on as Administrator** or with administrative privileges, before performing the installation.
- 3. During the installation process, the installation will check to see if **Visual Studio 2008 SP1 Redistributable package is installed**. If it is not installed, it will launch the dialog to install this package. This installation is included in the Moldplus Server install.
- 4. Moldplus Server will NOT FUNCTION WITH a regular HASP SIM!
- 5. Ensure that ONLY the Mastercam NETHASP SIM is connected to the computer during the configuration process. Any other Sims will need to be disconnected till the configuration process is complete.
- 6. Have the Moldplus products XML license file available to configure upon completion of Moldplus Server installation. Your reseller should have provided you the XML license file that is related to your NETHASP SIM.

a. Configuring for a WIBU NETWORK

7. The Moldplus Server 6.0 is installed on a dedicated computer as the Server. It cannot be installed on a client computer and attempted to run as WIBU, Local.. Moldplus Server will not check out a license for a client using the WIBU Server as a local computer! The Moldplus product licenses can only be checked out on computers where the license is identified as a WIBU NETWORK.

b. Configuring with a NETHASP SIM

- 8. Ensure that someone is physical present at the Server computer for installing the Moldplus Server V6.x software for the very first time. The SIM identification process requires someone to disconnect and connect the SIM when prompted!
- If you haven't installed the Aladdin Hasp License Manager software, please perform the installation. (Installation software LMSETUP.EXE also provided with the Moldplus Server 5.4 installation from the \Program Files\Aladdin\HASP LM\Additional Files\ folder). To verify that the Nethasp License Manager is installed and running on your system, you will notice an icon on the bottom right and for NetHasp License Manager 8.32

10. To ensure that the NETHASP SIM is properly identified, you can go to an Internet Explorer and type the following:

http://localhost:1947/_int_/devices.html

This should list the NETHASP SIM's (or HASP SIM's) that are connected to the Server computer. If the NETHASP SIM is not listed OR there is a problem identifying the SIM, then the Moldplus Server configuration will not work! Additionally, if there are multiple SIMs connected to the Server, this will also impede the proper installation and configuration of the Server!

- 11. The Sentinel drivers installed on the Server are V7.8 and require the **port 1947 to be free for UDP and TCP**. The installer will add these Firewall exceptions during the installation process. If you had installed these drivers manually, please ensure that you ADD THESE PORT EXCEPTIONS MANUALLY to the system FIREWALL for incoming and outgoing transmissions.
- 12. The Hasp License Manager will be installed as a Windows Service. The Firewall Exception will be created for the Moldplus Server during the installation process.
- 13. The maximum number of simultaneous users allowed with Moldplus License Manager is limited to 100.
- 14. If all the above precautions have been taken, the installation process and configuration should be smooth.

Installation Process

The Moldplus Server installation runs as follows:



- 1. Launches the installation and presents the welcome screen as shown above.
- 2. Performs a check to see if you running with administrative privileges before proceeding.

The install also checks to see if you have administrative rights. If you do not, the installation aborts!

3. Displays the Moldplus License Agreement. Click on **Yes**, after reading the License agreement to continue.

Moldplus License Server Setup	
End-User License Agreement	2
Please read the following license agreement carefully	
MOLDPLUS SA Software License Agreement	
IMPORTANT NOTICE!	
PLEASE READ THIS STATEMENT AND LICENSE AGREEMENT BEFORE USING THIS SOFTWARE. BY CLICKING ON THE BUTTON MARKED "YES" BELOW OR BY CONTINUING TO USE THIS SOFTWARE, YOU INDICATE YOUR INTENTION TO BE BOUND BY AND ACCEPT THE TERMS AND CONDITIONS OF THE SOFTWARE LICENSE. IF YOU DO NOT AGREE TO THESE TERMS AND CONDITIONS YOU MAY NOT ACCESS OR OTHERWISE USE THIS SOFTWARE AND WILL IN FACT BE PROHIBITED FROM DOING SO.	
THIS COMPUTER SOFTWARE MAY BE USED ONLY PURSUANT TO THE TERMS AND CONDUCTIONS SET FORTH BELOW AND SOLELY IN CONJUNCTION WITH THE	
• I accept the terms in the License Agreement	
$\bigcirc I$ do not accept the terms in the License Agreement	
< Back Next > Cancel	

4. If the Hasp License Manager installation was found, the directory automatically defaults to \Program Files (x86)\Aladdin\HASP LM\ folder. A new sub-folder \Moldplus Server\ will be created under the \HASP LM\ folder to install the Moldplus Server program files. Another folder called \Additional Files\ will also be created under the \HASP LM\ folder to install other relevant files. The following dialog will be presented at this stage.

🕼 Moldplus License Server Setup	_		\times
Select Installation Folder		<	
This is the folder where Moldplus License Server will be installed.		X	0
To install in this folder, click "Next". To install to a different folder, enter it "Browse".	t below	or click	
<u>F</u> older:			
C:\Program Files\Moldplus\Moldplus License Server\		Browse	•
Advanced Installer	_		
< Back Next >		Can	cel

5. The files are copied to the respective folders.

Moldplus License Server Setup ×
Ready to Install The Setup Wizard is ready to begin the Moldplus License Server installation
Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.
Advanced Installer < Back Sack Cancel

Once the files are copied successfully, you will get an install complete successfully message.



Folder Locations

– → ✓ ↑ 📜 C:\Program	Files\Moldplus\I	Moldplus License Server		I			
	^	Name	Date modified	Туре	Size		
📌 Quick access							
shared Mcam2019	*	Imageformats	3/24/2019 3:04 PM	File folder			
Deskton		platforms	3/24/2019 3:04 PM	File folder			
Desktop	~	📕 ThirdPartySoftware	3/24/2019 3:04 PM	File folder			
Downloads	*	Moldservd.dll	3/13/2019 4:12 PM	Application extens	896 KE		
Documents	*	💐 MoldservDiagTool.exe	3/13/2019 4:13 PM	Application	205 KI		
Pictures	*	🧼 MoldservManager.exe	3/13/2019 4:13 PM	Application	371 K		
		MoldservService.exe	3/13/2019 4:14 PM	Application	224 K		
		Qt5Core.dll	2/9/2018 7:02 PM	Application extens	5,716 K		
		🗟 Qt5Gui.dll	2/9/2018 7:02 PM	Application extens	6,128 K		
		Qt5Network.dll	2/9/2018 7:02 PM	Application extens	1,202 KI		
		Qt5Svg.dll	2/9/2018 7:02 PM	Application extens	321 K		
		Qt5Widgets.dll	2/9/2018 7:02 PM	Application extens	5,340 K		

The **Moldplus Server product** is installed to the following location:

The Additional Files is installed to the following location:

C:\Program Files\Moldplus\Moldplus License Server\ThirdPartySoftware

Name	Date modified	Туре	Size	\sim
HASPUserSetup.exe	3/13/2019 4:14 PM	Application	19,354 Ki	B
	3/13/2019 4:14 PM	Application	16.357 Ki	B

After launching the Moldplus Server and registering the license, the files are stored to the following location:

C:\Users\Public\Documents\I	Moldplus\Moldserv			
^	Name	Date modified	Туре	Size
	📜 licensesBackup	3/10/2019 4:34 PM	File folder	
	M-ABC_Client_M219-1234_s.xml	3/10/2019 3:48 PM	XML Document	13 KB
	ManagerLog.txt	3/24/2019 3:02 PM	Text Document	4 KB
	🔬 moldserv.ini	3/24/2019 3:01 PM	Configuration setti	1 KB

After installation

Once the installation is completed successfully, you can perform the following operations to ensure that Moldplus Server 6.0 is up and running.

You can continue with the following steps when the Moldplus Server successfully launches after these steps.

Moldplus Server Configuration – NETHASP SIM

 Launch the Moldplus Server Manager Moldplus Server Manager from the Program Groups "Moldplus License Server". If this is a configuration for the first time, you will see the following dialog.

Moldplus License Server Manager 6.0.0	—		×
Sim Number: 0	 ٢	View lig	g file
Port: 897	Server Not Running	Hei	,
Log Licenses Detecting connected SIM			
MOLOPLUS Makes the difference		Clos	e

This process may take a little time. Do NOT DO ANYTHING till the NEXT PROMPT in the log fie.

Whatever IP addresses exist on the server are chosen automatically in the IP# to use section.

2. When the NETHASP SIM is identified, the following prompt to disconnect the NETHASP SIM is mentioned in the Log section. Sometimes the SIM number might not be identified yet and might display a 0 value. It is OK.

🧼 Moldplus Lic	ense Server Manager 6.0.0	_		Х
Sim Number: Host name:	9876543 ABC_Server	٢	View lie View log	c file g file
IP# to use: Port: Register license	192.168.1.33;10.244.201.126 897	Server Not Running	Hel	5
Lig License Detecting connec The NetHasp ke Please unplug t	ted SIM by needs to be validated the key to start the validation process (unplug may take a little while to be dete	ected)		
	3 STERCE		Clos	e

3. Disconnect the NETHASP SIM from the Server computer. DO NOT RECONNECT IT TILL PROMPTED! The SIM number will display a value of 0. This is correct.Please wait! You will be prompted as shown below to reconnect the NETHASP SIM.

🧼 Moldplus Lic	ense Server Manager 6.0.0	_	
Sim Number: Host name:	0 ABC_Server	٢	View lic file View log file
Pert: Register license	897	Server Not Running	
License Detecting connect The NetHasp ke Please unplug t Please replug t	ted SIM y needs to be validated the key to start the validation process (unplug may take a little while to be detected he NetHasp to complete validation (replug may take a little while to be detected	ected) d)	
MOLOPLUS Makes the diffe	3 arenoe		Close

4. When you reconnect the NETHASP SIM again, the SIM is now identified and displayed as shown:

🧼 Moldplus Lic	ense Server Manager 6.0.0	_	
Sim Number:	9876543 🛻 💶		View lic file
Host name:	ABC_Server	O	View log file
IP# to use:	192.168.1.33;10.244.201.126		Help
Port:	897	Server Not	
Register license		Running	
Log License	15		
Please unplug t Please replug t NetHasp 98765 Local NetHasp for Error: No licens	the key to start the validation process (unplug may take a little while to be detected the NetHasp to complete validation (replug may take a little while to be detected a successfully validated und, start monitoring. The file registered, please register a valid license file with the register button about	ected) i) ve	
MOLOPLU: Makes the diff	S arende		Close

Moldplus Server Configuration – WIBU NETWORK SIM

5. Launch the Moldplus Server Manager Moldplus Server Manager from the Program Groups "Moldplus License Server". If the WIBU SIM is identified, it is immediately displayed here.

🧼 Moldplus Lice	ense Server Manager 6.0.0	-		Х
Sim Number:	9876543		View lic	file
Host name:	ABC_Server		View log	file
IP# to use:	192.168.1.33;10.244.201.126 ·		Help	
Register license		Error: license not found		
Detecting connec Local Wibu found Error: No licens	ted SIM , start monitoring. e file registered, please register a valid license file with the register button a	ıbove		
MOLOPLUS Adves the difference			Close	

WARNING: The Moldplus Server will only function on a local WIBU Server. If you attempt to configure the Moldplus Server and the Local WIBU Server is NOT identified, you will not be able to configure the Server.

🧼 Moldplus Lice	ense Server Manager 6.0.0	_		<
Sim Number:	9876543		View lic file	9
Host name:	ABCD_Server	U	View log fil	e
IP# to use:	192.168.1.33;10.244.201.126		Help	
Port:	897	Error:		
Register license		SIM NOT TOUND		
Log License	s			
Detecting connect Error: the Wibu	ed SIM / codemeter server must run on this computer !!!			

You are now ready to register the XML license.

XML License Registration Process:

6. To register the provided XML license file, *click* on the Register license button to select the license file from the location it is stored at.

Select License File		2	\times
\leftarrow \rightarrow \checkmark \uparrow] \triangleright This	PC > Desktop > License	✓ Ū Search License	Q
Organize New folder		:== ▼ □	?
Documents	Name	Date modified Type	
🖶 Downloads	M-ABC_Client_M219-1234_s.xml	3/10/2019 3:48 PM XML Documen	t
Music			
Pictures	`		
🛃 Videos 🗸 🗸			>
File name	M-ABC_Client_M219-1234_s.xml	License Files (*.xml) Open Cancel	× .

The result of doing this with the XML license will be as follows. The license is successfully registered.

🥟 Moldplus Lic	ense Server Manager 6.0.0-	-		
Sim Number:	9876543			
Host name:	ABC_Server	Θ	View log file	
IP# to use:	192.168.1.33;10.244.201.126		Help	
Port:	897	Server Not		
Register license	M-ABC_Client_M219-1234_s.xml	Running		
Log License	15			
Detecting connec The NetHasp ke Please unplug t NetHasp 98765 Local NetHasp 10 Error: No ficens Successfully regis	ted SIM ey needs to be validated the key to start the validation process (unplug may take a little while to be detected he NetHasp to complete validation (replug may take a little while to be detected 3 successfully validated und, start monitoring. e file registered, please register a valid license file with the register button abo stered license M-ABC_Client_M219-1234_s.xml	ected) I) ve		
	arence		Close	

7. The License Server is automatically launched.

IP# to use:	192.168.1.33;10.244.201.126	•
Port:	897	
Register license	M-ABC_Client_M219-1234_s.xml	
Log License	us l	
Detecting connec	ted SIM	

Detecting connected SIM... Local NetHasp found, start monitoring. Successfully started Moldserv service

<u>ک</u>	Noldplu	is Lice	ense Server Manager 6.0.0				-		×
:	Sim Number: 9876543							View lic	: file
	Host na	me:	ABC_Server				C	View log	j file
	IP# to	use:	192.168.1.33			-		Help)
	F	Port:	897				Server		
Reg	ister licer	nse	M-ABC_Client_M219-1234_s.xml			 	kunning		
Lo	ig Lic	cense	s						
	Level Id		Level Name	Date	Туре	#Used Seats	#S	eats	
1	1	Мо	ldplus Standard	Fri Jan 31 2020	М	0	10		
2	3	Мо	Idplus Professional	Fri Jan 31 2020	М	0	10		
3	5	Мо	ldplus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10		
4	6	Мо	Idplus 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10		
5	7	Мо	Idplus STL Utilities	Fri Jan 31 2020	М	0	10		
6	8	Мо	Idplus Plate Fixture Design	Fri Jan 31 2020	М	0	10		
7	11	Мо	Idplus CATIA V5 Read	Fri Jan 31 2020	М	0	10		-
M		the diffe	rence	1				Close	e

8. The following is the result when the License Server is running

If it does not launch right away, wait a bit. If it still does not launch, you can close the dialog and launch the Server Manager using the Admin mode.

Moldplus License Serve	r ^		
Moldplus Server Diag	nostic Tool		
Moldplus Server Mana	aer		
	-⊐ Pin to Start		
_	More	>	-⊐ Pin to taskbar
	🗐 Uninstall		🗟 Run as administrator
			Open file location

Once launched, you can click on the Start server to launch the Server.

Moldplus Lic	ense Server Manager 6.0.0	_	
Sim Number:	9876543		Start server
Host name:	ABC_Server	U	Stop server
IP# to use:	192.168.1.33		View lic file
Port:	897	Server	View log file

Update XML License process

When maintenance is renewed, and you are provided a new license from your reseller, the installation process is simple.

- 1. Have the new XML license file handy on the Server computer.
- 2. Launch the Moldplus Server Manager if it is not running.
- 3. Click on the Register license .

	IP# to u	ise: 192.168.1.33				•	
1	Port: 897					Server	
Regi	egister license M-ABC_Client_M219-1234_s.xml					Kunning	
Lo	g Lic	enses			_		
	Level Id	Level Name	Date	Туре	#Used Seats		#Seats
1	1	Moldplus Standard	Fri Jan 31 2020	М	0	10	
2	3	Moldplus Professional	Fri Jan 31 2020	М	0	10	
3	5	Moldplus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10	
4	6	Moldplus 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10	

4. Locate the new XML license file.

Select License File		×
← → ∽ ↑ 📜 > This PC > Desktop > License	✓ 🕐 Search License	٩
Organize Vew folder		?
A Name M-ABC_Client_M219-9876_maint_s.xml	Date modified Type 3/24/2019 5:16 PM XML Document	Siz
Shared Mcam Desktop Desktop		
		>
File name: M-ABC_Client_M219-1234_s.xml	License Files (*.xml) Open Cancel	~

- 5. As soon as you click on **Open**, the following happens:
 - The new license is registered, and the license server updated. You will see the maintenance date change and the new license name mentioned in the Register license field.

С)L	D							
		IP# to u	use: 19	2.168.1.33			ł	-	
	1	P	ort: 89	7					Server
ĥ	Regi	ster licer	nse M-	ABC_Client_M219-1234_s.xml 🛛 🕇 🕇	-				Running
Ī	Lo	g Lic	enses					,	
		Level Id		Level Name	Date	Туре	#Used Seats		#Seats
	1	1	Moldp	lus Standard	Fri Jan 31 2020	М	0	10	
	2	3	Moldp	lus Professional	Fri Jan 31 2020	М	0	10	
ſ	3	5	Moldp	lus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10	
	4	6	Moldp	lus 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10	

r

NEW: The new XML license file name is displayed and the maintenance date changed to the new product maintenance date.

	IP# to use: 192.168.1.33									
	Port: 897									
Reg	Register license M-ABC_Client_M219-9876_maint_s.xml									
Lo	g Lic	enses				,				
	Level Id	Level Name	Date	Туре	#Used Seats		#Seats			
1	1	Moldplus Standard	Sun Jan 31 2021 🖊	М	0	10				
2	3	Moldplus Professional	Sun Jan 31 2021	М	0	10				
3	5	Moldplus 5 Axis Toolkit	Sun Jan 31 2021	М	0	10				
4	6	Moldplus 5 Axis Toolkit Professional	Sun Jan 31 2021	М	0	10				
5	7	Moldplus STL Utilities	Sun Jan 31 2021	М	0	10				

b. The old XML license is backed up to the **\licensesBackup** folder.

ι.												
	Organize	New	Open	Sele	ct							
> Local Disk (C:) > Users > Public > Public Documents > Moldplus > Moldserv > licensesBackup												
^	Name	^	Date	modified	Туре							
	M-ABC_Client_M21	9-1234_s.xml	3/10,	/2019 3:48 PM	XML Document							

6. The Moldplus Server is up and running. This process can be done remotely without a physical presence at the Server

Uninstallation

To uninstall Moldplus Server, launch the Moldplus Server installation program from the Control Panel, "Add or Remove Programs". If it detects that an installed version exists on the system, it will provide the option to perform an uninstall.

Settings	-	×
命 Apps & features		
Moldplus CAD Translator V7.0 for Mastercam 2018 3/23/2019		
Moldplus CAD Translator V7.0 for Mastercam 2019 3/23/2019		
Moldplus License Server 56.2 MB 3/24/2019 3/24/2019		
Modify		
Moldplus V11.2 for Mastercam 2017 3/23/2019		
Moldplus V11.2 for Mastercam 2018 3/23/2019		
Moldplus V11.2 for Mastercam 2019		

Warning: If the Moldplus Server Manager is still active, upon launching the installation program the following message will be presented:

Moldplus License Server	\times
The following applications should be closed before continuing the install:	
Moldplus License Server Manager	
Automatically close applications and attempt to restart them after setup is complete. Do not close applications (A Report may be required)	
OK Cancel	

In the case of the above message, click on the button from Moldplus Server Manager to close the dialog OR choose the default option above to close it automatically and continue with the uninstallation process.

If Moldplus Service and Server were stopped, the following message is displayed upon launching the installation program.



The uninstallation process is complete.

NOTE: The XML license file, the LOG file and the INI files will not be removed upon uninstalling the product. They will still reside in the \Public Documents\Moldplus\Moldserv\ folder.

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Close

Client Computer License configuration

The latest versions of Moldplus and CATIA Translator will automatically detect the Moldplus Server and configure the IP and Port number.

Once the data is stored in the C:\moldserv\moldserv.dat file, you will be able to use Moldplus and the CATIA translator to the maximum licenses allowed.

NOTE: If this file does not exist on the system, create the c:\moldserv\ folder and then create the moldserv.dat file within that folder. That will ensure that the Moldplus Server is identified.

This is an example of the licenses encountered for the Moldplus product that can be checked out.

Moldplus License								×
Copyright © 1997-2020 I	Moldplus S.A	۹.			Sim number	123456789		
Moldplus 11.4.3 (11.4) for	M2020				Sim type	WIBU NETWOR	K	
Third-party Licenses					User type	Industry		
Licenses Functions								
License	Maint	Day L	Seat	State				
1: Moldplus Standard	1/31/2	-	0/10	Ok				
3: Moldplus Profession	n 1/31/2	-	0/10	Ok				
5: Moldplus 5 Axis Too	1/31/2	-	0/10	Ok				
6: Moldplus 5 Axis Too	1/31/2	-	0/10	Ok				
7: Moldplus STL Utiliti	es 1/31/2	-	0/10	Ok				
8: Moldplus Plate Fixtu	ı 1/31/2	-	0/10	Ok				
Local XML license file (Lice	ense codes f	or the NF	TWORK	license	need to be registered with the M	oldplus Server)		
Chature Chature				neense		orapido ocrivery		
Status							1	
File								Register
- C								
Server configuration							1	
Status Connected	to Moldplu	is Server.	é -					Refresh
Host Name AB	C Server							
Host IP 192.	111.222.223				Set Server Parameters			
Host Port 897								
							Close	Help

The Moldplus CAD Translator will show the corresponding licensed products.

Moldplus Lic	ense Manager							×
Copyright © 1	1997-2019 Moldplus S.A.		Ţ		Sim number	9876543		
7.0.0					Sim type	NETHASP NET	WORK	
Check Up	dates				User type	Industry		
					L			
Licenses Fun	nctions							
License		Maint. Date	Day Left	Seat used	State			
11: Moldp	plus CATIA V5 Read	1/31/2020	-	0/10	🔮 Ok			
12: Moldp	plus CATIA V5 Read Solids	1/31/2020	-	0/10	🔮 Ok			
13: Moldp	plus CATIA V4 Read	1/31/2020	-	0/10	🔮 Ok			
14: Moldp	plus CATIA V4 Write	1/31/2020	-	0/10	🔮 Ok			
15: Moldp	olus CATIA V4 Solids	1/31/2020	-	0/10	🔮 Ok			
16: Moldp	olus CATIA V5/V6 MBD	1/31/2020	-	0/10	🔮 Ok			
17: Moldp	olus CATIA V5 CGR Import	1/31/2020	-	0/10	🥝 Ok			
18: Moldp	plus CATIA V6 Import	1/31/2020	-	0/10	🔮 Ok			
24: Moldp	plus NX/UG Import with M	1/31/2020	-	0/10	🔮 Ok			
25: Moldp	plus JT Import	1/31/2020	-	0/10	🔮 Ok			
28: Moldp	plus ProE/Croe Import wit	1/31/2020	-	0/10	📀 Ok			
29: Moldp	plus Step Read	-	-	-	🚺 No Lice	nse		
-Local XML lice	ense file (Only demo codes a	allowed in Net	Hasp)					
Status								
File								Register
Server config	uration							
Server coning	Connected to Moldplus Ser	nver						Refrech
Status	Connected to Moluplus Ser	iver,						Kenesh
Host Name ABC_Server								
Host IP	192.168.1.33		S	et Server Para	meters			
Host Port	897							
							Close	Help

Network License Monitor

The following information will be presented only when you launch from the Programs folder.

The following details will explain all the options of the Moldplus Server 6.0 dialog.

1.1 Moldplus License Server Manager

> N	Noldplu	s Lic	ense Server Manager 6.0.0				-		×
:	Sim Num	ber:	9876543					View l	ic file
	Host na	me:	ABC_Server				C	View lo	o <mark>g f</mark> ile
	IP# to	use:	192.168.1.33			- I		He	lp
	F	Port:	897				Server		
Reg	ister licer	nse	M-ABC_Client_M219-1234_s.xml			- '	Running		
Lo	ig Lia	cense	s						
	Level Id		Level Name	Date	Туре	#Used Seats	#S	eats	-
1	1	Мо	ldplus Standard	Fri Jan 31 2020	М	0	10		
2	3	Мо	Idplus Professional	Fri Jan 31 2020	М	0	10		
3	5	Мо	Idplus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10		
4	6	Мо	Idplus 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10		
5	7	Мо	Idplus STL Utilities	Fri Jan 31 2020	М	0	10		
6	8	Мо	Idplus Plate Fixture Design	Fri Jan 31 2020	М	0	10		
7	11	Мо	Idplus CATIA V5 Read	Fri Jan 31 2020	М	0	10		•
М	MOLOPLUS Makes the difference						Clo	se	

Serial Number:

The Mastercam Nethasp SIM number OR WIBU NETWORK SIM number is displayed as the Serial Number. If a serial number of 0 is displayed, refer to the <u>SIM not found</u> <u>section</u> of this document to ensure that Moldplus Server can access the Mastercam SIM.

Host Name:

The system network server name is displayed here. The end user can use this name as the reference to search for the Server using the work stations. As default, server name alone is sufficient to configure the workstations with all new versions of Moldplus products.

IP# to use:

The Moldplus Server functions properly by using one or multiple **IP address** (preassigned or user-configured). *If there is more than 1 IP address on the system, you will be allowed to check the relevant IP addresses to use with Moldplus Server*. The IP address is the same as the one used by the Hasp License Manager. The IP addresses that are checked are displayed in the field.

IP# to use:	192.168.1.33
Port:	☑ 192.168.1.33 ↓ □ 10.244.201.126 ↓
Register license	M-ABC_Client_M219-1234_s.xml

Hint: Multiple IP Addresses are useful when you use an IP address to access the Server from the office and a different IP address from a remote location. By having both IP addresses checked, you can access the Server from either location.

Port:

The communication of the license is affected by the UDP ports, which are defined by default for each machine (server: 897). You can modify the UDP ports if there are conflicts with another application.

Register license

Allows you to select the Moldplus Server XML license file to register the licenses. **You** have to use this button to properly register the XML license file. This file is provided by your Mastercam reseller to configure all your Moldplus product licenses.

Note: Updating to a new license will automatically backup the old license and register the new license. No need to stop the Server to do this!

WARNING:

1. Editing any of the XML file's contents OR changing the file name prefix from "M-" will result in an invalid license file!

Log Display:

Displays the Server event log. This file (ManagerLog.txt) is stored in the same folder as the license file.

IP# to use:	192.168.1.33	
Port:	897	Server
Register license	M-ABC_Client_M219-1234_s.xml	Running
Log License	25	
Server started Detecting connec Local NetHasp fo	ted SIM und, start monitoring.	т

Licenses Display:

The licenses tab displays the following information whenever the Server is running and active.

	Noldplu	s License Server Manager 6.0.0		—		×			
:	Sim Num	ber: 9876543					View	lic file	
	Host na	me: ABC_Server				C	View	og file	
	IP# to	use: 192.168.1.33			- I		He	elp	
	Port: 897						Server		
Reg	ister licer	mse M-ABC_Client_M219-1234_s.xml			 '	kunning			
Lo	ig Lic	censes +						1	
	Level Id	Level Name	Date Type #Us		#Used Seats	lsed #Seats			
1	1	Moldplus Standard	Fri Jan 31 2020	М	0	10			
2	3	Moldplus Professional	Fri Jan 31 2020	М	0	10			
3	5	Moldplus 5 Axis Toolkit	Fri Jan 31 2020	М	0	10			
4	6	Moldplus 5 Axis Toolkit Professional	Fri Jan 31 2020	М	0	10			
5	7	Moldplus STL Utilities	Fri Jan 31 2020	М	0	10			
6	8	Moldplus Plate Fixture Design	Fri Jan 31 2020	М	0	10			
7 11 Moldplus CATIA V5 Read		Moldplus CATIA V5 Read	Fri Jan 31 2020	М	0	10		_	
MOLDPLUS Makes the difference							Clo	ose	

Number Count

A number count of the different Moldplus products licensed.

Level

Level Id Id

Moldplus product reference ID number.

Level Name

Level Name

The name of any Moldplus product that is licensed and controlled using the Moldplus Server.

Date

Date

This date indicates the maintenance expiration date for any given Moldplus product. As long as the maintenance date has not expired, the client can always use the latest releases and versions provided by Moldplus SA. If the date has expired, only functionality prior to the Maintenance expiry date will be active within a 12 month period. Moldplus temporary licenses are also displayed in the same field.

Туре

Type of code, either **M**aintenance, **T**emporary or **E**ducational.

#Used

#Used Seats Seats

The number of licenses of the listed products that are **actively** being used by a client at any given time over the network.

#Seats

#Seats

The total number of **registered** licenses purchased by the client for the listed product.

Start server (ONLY AVAILABLE WHEN LAUNCHED WITH ADMIN RIGHTS)

This button installs the Moldplus Service and launches the Moldplus Server licenses for immediate use of the product.

Stop server (ONLY AVAILABLE WHEN LAUNCHED WITH ADMIN RIGHTS)

This button will stop the Moldplus Server AND remove the Moldplus Windows Service.

View lic file

This button allows you to view the provided XML license using the default Internet browser.

View log file

View the Log history for the Moldplus Server using Windows notepad.

Help

Open this PDF help document.

Close

This button will close the Moldplus Server Manager dialog. Closing this dialog will not stop the licenses from running if they are active.

1.2 Moldplus Licenses Operation

Each time a Moldplus license is open on one machine it is counted as a floating license being used.

Upon correctly leaving a Moldplus Level, a license for this level is immediately and automatically released.

Normally, when the number of Moldplus users arrives at the maximum number permitted by the license all new requests to use Moldplus will be refused until one person stops using Moldplus.

If the user is required to leave Moldplus due to a fatal error the license will be released after a minimum of 30 seconds.

1.3 Moldplus Temporary Licenses

Temporary licenses to try Moldplus products are normally provided for a period of 30 days.

Trouble-shooting

The following section refers to the installation issues and how to verify the proper settings and configuration.

For Windows Server editions, please check the <u>configuration</u> section above.

The basic checks are: Firewall settings and Antivirus software to ensure that the Moldplus Server properly launches.

2.1 NetHasp License Manager not installed

Solution:

Run the LMSETUP.EXE file, found in the \Program Files\Moldplus\Moldplus License Server\ThirdPartySoftware\ folder. This will launch the NetHasp License Manager installation, install the necessary files and configure the NetHasp License Manager to run on your system.

To set it as a **Service**, ensure that you select the following option while performing this installation:



This is critical to launch the Moldplus Server. If this is not running on your system, Moldplus Server will give errors.

2.3.3 **Moldplus Server Diagnostic Tool**

In the Moldplus Server Manager folder, there is a diagnostic tool that can be copied and placed in the workstation to see if the Server is being properly accessed.

Copy the following files to the client workstation:

1. MoldservDiagTool.exe

-

2. Qt5Core.dll

Launch the

- 3. Qt5Gui.dll and
- 4. Qt5Network.dll

Moldplus Server Diagnostic Tool

utility from the "Moldplus License Server" group. The following dialog is presented. Click on the Auto Detect Server Settings button. The utility will search for the Server.

🥭 Mol	dplus Lice	ense Server Diagnostic Tool 6.0).0				\times		
– Setting	Auto Detect Server Settings Edit Settings								
Server	Server IP:								
Server	Port:								
Sim Nu	umber:								
Client I	Port: 89	8							
Level Id	Sim#	Level Name	Date	Туре	#Used Seats	#Seats	Has Seat		
		Server autodetect			×				
		Trying to auto detect s	server settings,	please v	vait				
	-		incel						
•							•		
мо	DPLUS	ence					Close		

Moldplus License Server Diagnostic Tool 6.0.0												
Settings												
		Auto Dete	ect Server Settings	Edit Settings								
Server IP: 192.168.1.33												
Server Port: 897												
Sim Number: 21												
Client Port: 898												
	Level Id	Sim#	Level Name		Date	Туре	#Used Seats	#Seats	^			
1	1	31	Moldplus Standard		Fri Jan 31 20	М	0	10				
2	3	31	Moldplus Professional		Fri Jan 31 20	М	0	10				
3	5	31	Moldplus 5 Axis Toolkit		Fri Jan 31 20	М	0	10				
4	6	31	Moldplus 5 Axis Toolkit Pro		Fri Jan 31 20	M	0	10				
5	7	31	Moldplus STL Utilities		Fri Jan 31 20	M	0	10				
6	8	31 Moldplus Plate Fixture Desi		Fri Jan 31 20	M	0	10					
/	11 31 Mold		Moldplus CATIA V5 H	oldplus CATIA V5 Read		M 	-	10				
1	Re	eaister	Unreaister		1	Mol	Moldplus Standard					
2	Reaister		Unreaister		3	Moldp		plus Professional				
3	Reaister		Unreaister	Unreaister 5		5 Mol		dplus 5 Axis Tool				
4	Reaister		Unreaister	Jnreaister 6		5 Mol		dplus 5 Axis Tool				
5	Reaister		Unreaister		<u>/ N</u>		Moldplus STL Utilities					
6	Reaister		Unreaister	Unreaister 8		Mol	Moldplus Plate Fixtu					
/	Register		<u>Unreaister</u>	Unreaister 1		MOI	toldplus CATIA V5					
8	Register		Unredister	Unregister 1		Mol	Napius CATIA V5					
9		Register Unregister			13	Mol	Moldplus CATIA V4					
11	11 Register			Unregister 1		Mol	Idplus CATIA V4		•			
MOLOPLUS Mokes the difference												

When the Server is identified, all the products available are listed as shown. You can click on the **Register** button to see if the workstation can check out a license. Clicking on **Unregister** will release the license.

This is a quick verification tool to see if the Server is properly identified and the licenses can be checked out.

If the Server is not identified automatically, you can click on the **Edit Settings** button. The following dialog is presented:

III Dialog	?	×								
Moldserv Server Settings										
Server IP: 192.168.1.33										
Server Port: 897										
Sim Number: 31										
Client Settings										
Client Port: 898										
ОК	Car	ncel								

Enter the IP address here and port number if needed to search for the server. Once the Server is identified the dialog displays all the product licenses available as shown in the previous dialog.

Conclusion

We hope you found this document useful to help configure Moldplus Server 6.0 seamlessly and with minimal effort.

Questions or feedback, please email support@moldplus.com

Moldplus Server is developed with open source software. Licenses for all open source software components are available in the file "*Open Source Software Licenses.docx*" which is provided with this installation.

Thank you

Moldplus SA Revision date: June 24, 2020