Master CAM Add-In for SolidWorks

Installation time: 30 minutes depending on network connection

To Install the MasterCAM x7 Add-in for SolidWorks

- 1. MasterCAM x7 installation files are located here: F:\install\MasterCAM\MasterCAM x7 for SW
- 2. There are two folders. **'x64'** is for 64-bit operating systems. **'x86'** is for 32-bit operating systems. The x64 version is what most students will want.



3. Open the appropriate folder and run the **setup.exe** application.



4. Once the MasterCAM installation program begins press the "Mastercam X7 Installs" button



5. Press next



6. Click the configure button

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7. In the configuration window click the radio button next to NetHASP and press Done

Mastercam .	Mastercam X7 for SolidWorks Settings
for SolidWorks	SIM Type
	NetHASP
	Install Application(s) for:
	All Users
	Only for me
	User name:
	AutoBVT
	Company name:
	Microsoft
	Shared Defaults Folder
	C:\Users\Public\Documents\shared McamforSWx7 Browse
	Destination Folder
	C:\Program Files\McamforSWx7 Browse

8. Click next

for SolidWorks	Review - Configure Review the installation options s drop down list and click Configur	hown below. Select the product to configure from the e to make any necessary changes.
Install Setup Prerequisites	Select a product to configure:	
Install Mastercam X7 for SolidWorks	Mastercam X7 for SolidWorks	✓ Configure
	Current Settings:	
	User name: Organization:	AutoBVT ^ Microsoft
	Mastercam X7 for SolidWorks S	ie
	Product:	Mastercam X7 for SolidWorks
	Install For:	All users
	Product Version Number:	16.0.14.6
	Sim Type:	Hasp
	Shared Defaults Path:	C:\Users\Public\Documents\shared McamforSW2 v

9. Click "Yes" that you agree to the license agreement and then click Install

Install Setup Prerequisites Install Mastercam X7 for SolidWorks	Mastercam. for SolidWorks	
	Install Setup Prerequisites Install Mastercam X7 for SolidWorks	
• Yes, I accept the terms of the license agreement		Yes, I accept the terms of the license agreement

10. Installation will begin. This may take up to 15 minutes.



11. When the installation has completed press Exit.

Updating MasterCAM X7 for SolidWorks

1. Now we need to check for updates for the MasterCAM program. Find and run MasterCAM's Check for Updates program and run it (under MasterCAM on the start menu)



2. If there any updates click Install. This will start the downloading process and run the installation program.



- 3. If the User Access Controls window pops up asking if you would like to run this program click Yes
- 4. The program installation will begin. Click Yes to continue installation



5. Click Next. This will start the update installing.



6. When the installation is complete click Finish



7. Your MasterCAM X7 is now installed and updated.

To add the MasterCAM Solidworks Add-in for the first time

- 1. Start the Solidworks program
- 2. Click the Solidworks menu in the top left corner, click Tools and then click Add-Ins



3. Check the two check boxes on either side of Mastercam X7 for Solidworks



4. You will receive an error saying "No SIM found".



5. To resolve this error, close Solidworks completely. Now open the install location for MasterCAM that we used above (**F:\Install\MasterCAM**). Copy the nethasp.ini file.

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File Home Share V	iew		~ ?
🔄 🌛 🝷 🕆 퉬 « sdsmtsh	are (\\speedy) (F:) → install → MasterCAM	✓ C Search MasterCAM	Q,
★ Favorites ■ Desktop	Name	Date modified Type Size 8/19/2014 11:23 AM File folder	2
Downloads Recent places	🚈 nethasp.ini	4/23/2014 9:15 AM Configuration sett	4 KB
I퇲 This PC 膭 Desktop			
Documents Downloads			
🚡 Music 📔 Pictures			
📔 Videos 🏭 Local Disk (C:)			
sdsmtshare (\\speedy) (F:) rits (\\speedy) (G:)			
🙀 Network			
2 items			:==

6. Now paste this nethasp file to your desktop. Next right-click this file and select "Cut"

	Open	ini
	Print	
	Edit	
	7-Zip	•
U	Scan with System Center Endpoint Protection	
	Open with	•
	Share with	•
	Send to	•
	Cut	
	Сору	
	Create shortcut	
	Delete	
	Rename	
	Properties	

 Next navigate to the location where MasterCAM was installed on your computer: C:\Program Files\McamforSWx7 and paste the nethasp.ini file in this folder.

🕑 🏵 👻 ↑ 🕌 « Local Disl	k (C:) → Program Files → McamforSWx7	v C	Search McamforSWx7	,p
- Enveritor	Name ^	Date modified	Туре	Size ^
Pavonites	NativeResourceReader.dll	12/4/2013 5:48 PM	Application extens	59 K
Downloads	NETAppStaticAPI.dll	12/6/2013 7:56 AM	Application extens	60 K
Recent places	🖌 🗿 nethasp.ini	4/23/2014 9:15 AM	Configuration sett	4 K
and necessipaces	NETHook2_0.dll	12/6/2013 7:56 AM	Application extens	579 K
This PC	NETHook2_0.xml	4/19/2013 2:14 AM	XML Document	690 K
Beskton	NETHook3_0.dll	12/4/2013 5:48 PM	Application extens	774 K
Documents	NETHook3_0.xml	12/4/2013 5:21 PM	XML Document	965 K
Downloads	📟 NHaspX.exe	12/4/2013 3:58 PM	Application	1,906 K
Music	🚳 NLib.dll	9/24/2012 10:07 AM	Application extens	2,103 K
Pictures	OpenTK.Compatibility.dll	12/13/2012 4:34 AM	Application extens	3,148 K
Videos	OpenTK.dll	12/13/2012 4:34 AM	Application extens	2,656 K
Local Disk (C:)	OpenTK.GLControl.dll	12/13/2012 4:34 AM	Application extens	24 K
sdsmtshare (\\speedy) (F:)	QuickFont.dll	1/11/2013 7:26 AM	Application extens	47 K
🖵 its (\\speedy) (G:)	SimAccess.dll	12/4/2013 5:48 PM	Application extens	842 K
	🚳 SysTypes.dll	12/6/2013 7:56 AM	Application extens	20 K
Network	🚳 tbb.dll	7/9/2012 3:34 PM	Application extens	211 K
-	🚳 TDx.TDxInput.dll	1/11/2013 7:26 AM	Application extens	16 K
	🚳 TLCore.dll	12/6/2013 7:56 AM	Application extens	267 K
	S UBVS.dll	11/15/2013 10:01	Application extens	782 K
	UbvsResources.dll	11/15/2013 9:58 AM	Application extens	378 K
	UICtrls.dll	12/6/2013 7:56 AM	Application extens	538 K 🧹
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8. If asked if you want to replace the existing file click "Replace".

8	Replace or Skip Files 🛛 🗕 🗙
1	Noving 1 item from Desktop to McamforSWx7
	✓ Replace the file in the destination
	ラ Skip this file
	[™] <u>C</u> ompare info for both files
(Fewer details

9. Click "Continue" if asked for Administrative permissions to move this file.



10. Now from the Start Menu run the NHasp X program located under the Mastercam X7 folder and under the Utilities folder



11. In the NHaspX program select the NetHASP radio button. Click OK to close this program.

NhaspX.exe (c)	2013 CNC Sc	oftware, Inc. (v7.3)	×			
SIM type:	© HASP	NetHASP				
Mode:	🔘 Local	Network				
Update <u>c</u> ode file						
			<u>R</u> ead			
			<u>U</u> pdate			
			Active licenses			
			Stop			
			<u> </u>			
		User type:	Invalid			
		Serial number:	0			
		Start date:	Uninitialized			
		End date:	Uninitialized			
Maintenance expiration date:			01/11/1971			
CATIA Maintenance expiration date:			No Catia addons			

12. Rerun Solidworks and Mastercam X7 will display a license agreement in a browser window. Just close this window and click the green check box in the License Agreement window



13. Now the Mastercam Add-In for SolidWorks should be successfully enabled and licensed. You will only be able to run SolidWorks with the MasterCAM add on while connected to the SDSM&T campus network (either on campus or via VPN).