

SolidWorks[®] Education Edition 2011-2012 Installation Instructions

Preparation

- Verify that your system meets the criteria specified in <u>www.solidworks.com/System_Requirements</u>.
- Back up all SolidWorks files (parts, assemblies, and drawings, document templates, sheet formats, library features, and form tools) before upgrading to SolidWorks 2011. Files you open and saved in SolidWorks 2011 cannot be opened in earlier versions.
- To minimize disk space consumed, please consider uninstalling your older Education Edition and using a new installation of the new Education Edition product. If you uninstall the older version please be sure to also uninstall Simulation products, along with older versions of eDrawings, DWGeditor, etc.
- Locate your Serial Number (S/N). The number typically begins with 9710 (Network) or 9700 (Stand Alone). NEW Customer S/N is located on the front of the box on a sticker. CURRENT Customer S/N is located inside SolidWorks under HELP then ABOUT SOLIDWORKS. If you cannot find or you have misplaced your number, contact your local educational reseller to obtain one.
- Uninstall any alpha, beta, or pre-release versions of the SolidWorks software.

Installation and Licensing Process

Network

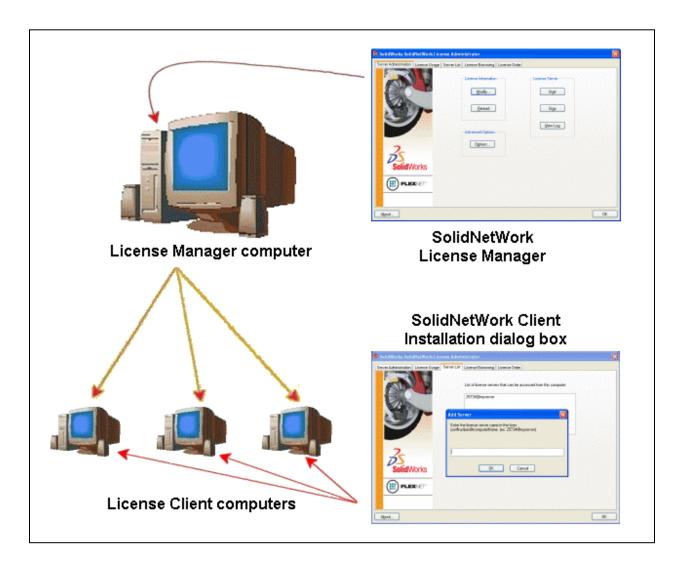
Section 1

Stand Alone

Section 2

You are ready to begin your installation of the SolidWorks[®] Education Edition! Network Users Only

Ver. 1



STEPS FOR SECTION 1: NETWORK INSALLATION:

- **1. Remove previous SolidNetWork License Managers**
- 2. Remove previous SolidWorks software
- 3. Install 2011 SolidNetWork License Manager
- 4. Activate 2011 Network License
- **5. Install SolidWorks software on individual clients**

Section 1 | SolidWorks[®] Education Edition Installation (Network)

Note: If you are installing SolidWorks on a Network with Restricted Rights, please go to the Customer Portal for additional documentation or contact your local reseller for assistance.

This step is only for users who are on **NETWORK**. If you purchased a **Stand Alone, proceed to Section 2** in the installation process.

Note:

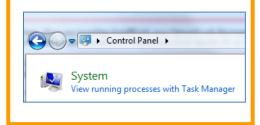
- All previous SolidWorks License Managers must be removed from your computer before beginning the installation of the new SolidWorks License Manager (i.e. 2010 must be removed before installing 2011).
- The SolidWorks License Manager must be installed on the machine that will be used to distribute SolidWorks licenses on your network.
- The SolidWorks License Manager for 2011 will license all SolidWorks EDU applications., including SolidWorks Simulaton, SolidWorks Sustainability, eDrawings and PhotoView 360.

Remove previous SolidNetWork License Managers

1. Stop the Licensing Service on the host machine.

For Window XP, open the **Task Manager** from the Control Panel and select the Processes tab and click the **Image Name** header to sort in alphabetical order. Locate **Imgrd.exe** process and select **End Process.**

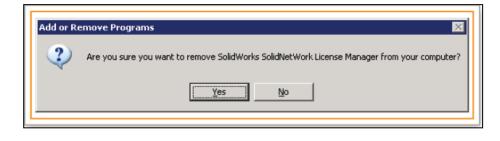
For Windows 7, select System from Control Panel to view the **Task Manager**.



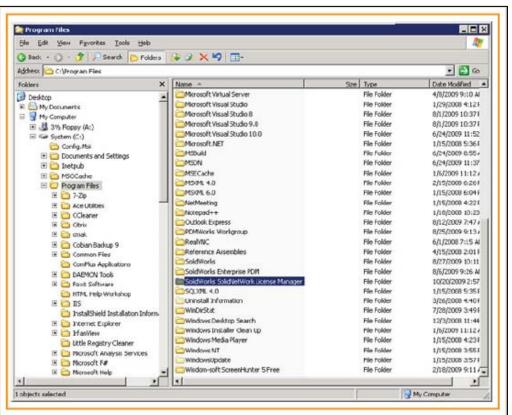
CPU Mem Lkage 00 2,856 K 02 11,516 K 00 1,068 K 00 3,404 K 00 3,404 K 00 3,404 K 00 3,568 K 00 1,316 K 00 1,316 K 00 24,476 K 00 2,672 K 00 8,628 K 00 3,580 K 00 3,580 K 00 1,660 K 00 1,660 K 00 1,616 K 00 5,500 K	
02 11,516 K 00 11,068 K 00 3,568 K 00 3,568 K 00 1,316 K 00 1,316 K 00 24,476 K 00 2,476 K 00 2,4776 K 00 8,628 K 00 3,580 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K	
00 11,058 K 00 3,404 K 00 3,404 K 00 1,316 K 00 195 K 00 24,476 K 00 2,672 K 00 8,628 K 00 3,580 K 00 3,580 K 00 1,416 K 00 10,416 K	
00 3,904 K 00 3,988 K 00 1,316 K 00 195 K 00 24,476 K 00 8,628 K 00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K	
00 3,988 K 00 1,316 K 00 195 K 00 24,476 K 00 8,628 K 00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K	
00 1,316 K 00 196 K 00 29,476 K 00 2,672 K 00 3,580 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K	
00 196 K 00 24,476 K 00 24,476 K 00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K 00 5,500 K	
00 24,476 K 00 2,672 K 00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K	
00 2,672 K 00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 10,416 K 00 5,500 K	
00 8,628 K 00 3,580 K 00 1,660 K 00 10,416 K 00 5,500 K	
00 3,580 K 00 2,340 K 00 1,660 K 00 10,416 K 00 5,500 K	
00 2,340 K 00 1,660 K 00 10,416 K 00 5,500 K	
00 1,660 K 00 10,416 K 00 5,500 K	
00 10,416 K 00 5,500 K	
00 5,500 K	
2 00 4,584 K	
00 4,080 K	
00 11,872 K	
00 59,356 K	
00 568 K	
00 328 K	
00 1,416 K	
00 5,204 K	
00 476 K	
00 6,916 K	
	+
ITS SAA ADK F	End Process
	End Process
101	00 1,764 K 00 2,504 K 100 2,504 K 101 1,148 K

- 2. Launch Add/Remove programs and uninstall the previous version of the installation Manager. Access Add/Remove programs from Start > Control Panel > Add/Remove Programs. Locate the SolidWorks SolidNetWork License Manager and select Remove.
- Once the remove option is selected you will be prompted to confirm the products to uninstall.
- The product will then uninstall itself. A progress only box will appear.

Remove	Programs			
Cur	rently installed programs:	Show updates	Sort by: Name	1
P P	Tome now equipor losy		125	2.0710
	M5XNL 6 Service Pack 2 (KB954459)		Size	1.34MB
1	Notepad++		Size	3.12MB
13	Sentinel System Driver			
2	SolidWorks Enterprise PDM		Size	411.00MB
ß	SolidWorks Enterprise PDM Import Utility		Size	4.23/18
8	SolidWorks Explorer 2009 sp04		Size	220.00MB
÷9	SolidWorks SolidNetWork License	Manager	Size	<u>30.61MB</u>
	Cick here for support information.		Used	<u>rarely</u>
			Last Used On	10/20/2009
	To remove this program from your comp	uter, dickRemove.		Remove
£	SolidWorks Workgroup PDM Server 2009	sp04	Size	176.00MB
6	SQL Server Compact Tools for Visual Stu	dio 2010 Beta 1 ENU	Size	8.59MB
8	SQL Server System CLR Types		Size	0.51MB
B	SQLXML4		Size	2.60MB
1	Visual Studio Tools for the Office system	4.0 Runtime	Size	24.33MB

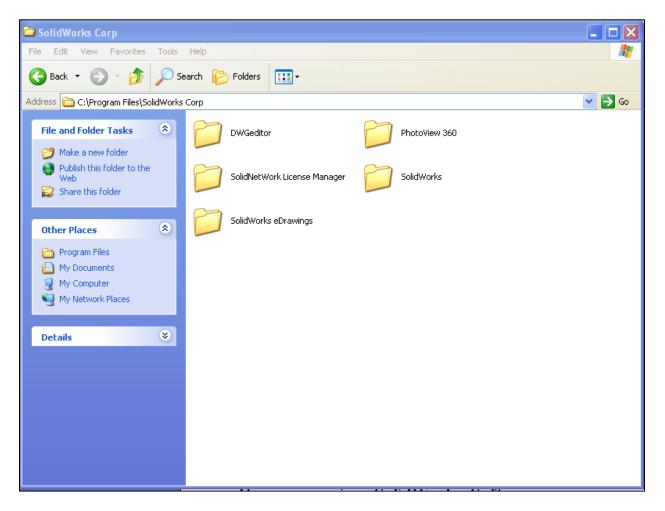


After the product uninstall is complete, close the Add/Remove programs window and launch Windows Explorer. Locate the folder in which the license manager was previously installed to and delete it. By default the license manager is installed to: C:\Program **Files\SolidWorks** SolidNetWork License Manager.



Remove previous SolidWorks Software

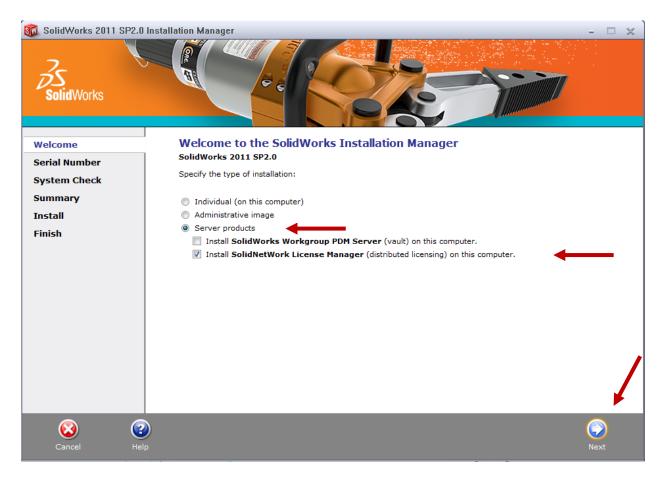
- 1. If required, uninstall SolidWorks using Add/Remove Programs.
- 2. If required, Delete SolidWorks folders located in C:\ Program Files\SolidWorks Corp



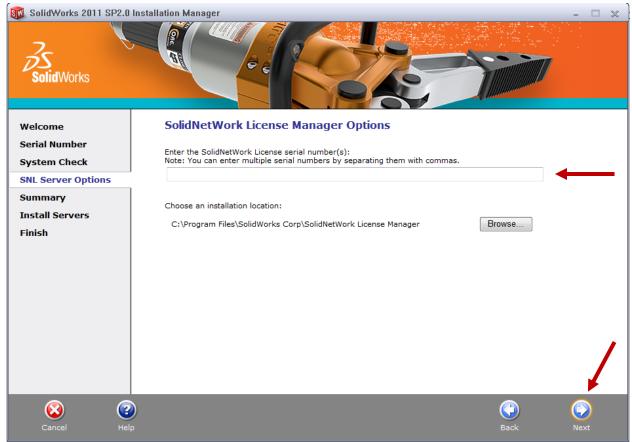
Begin 2011 SolidNetWork License Manager Installation

1. Insert your 2011 SolidWorks DVD in your local DVD Drive to begin the software installation process. If SolidWorks Master Setup does not come up automatically, select My Computer and double click the DVD drive, this is generally your D: drive. You may also launch the Installation Manager downloaded from the SolidWorks Customer Portal.

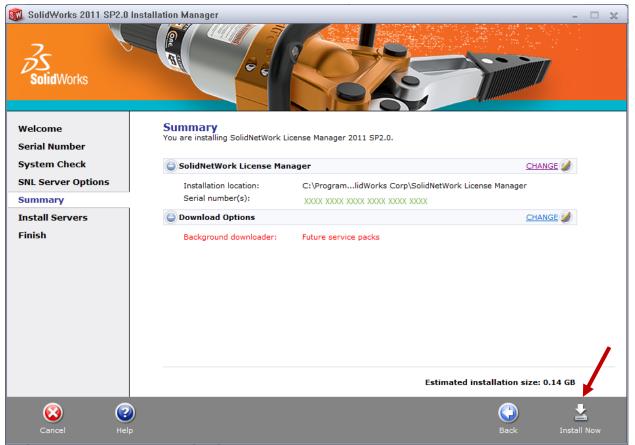
Note: Once DVD is placed in your local DVD Drive, the SolidWorks 2011 SP2.0 Installation Manager will appear. Select Server products and then select "Install SolidNetWork License Manager (distributed licensing) on this computer." Click Next.



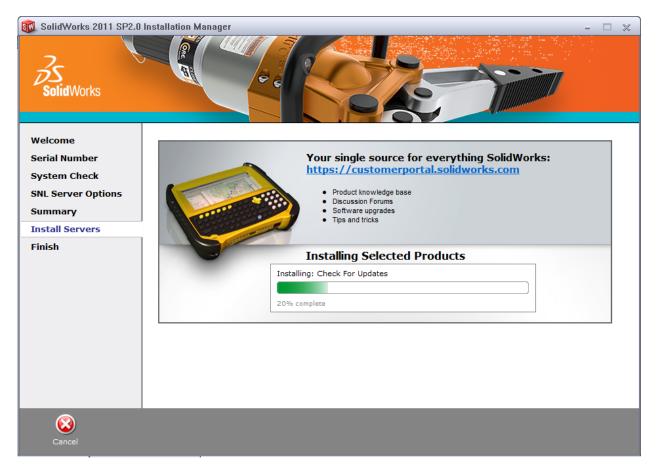
2. The next screen will prompt you for your SolidWorks and associated products serial number. Enter your product serial number. Click Next.



3. Confirm the Summary page and click "Install Now".



Note: Server Installation Progress will appear. Once done checking for Updates, the SolidWorks SolidNetWork License Manager Setup will appear. **Click Next.**



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4. After the installation is complete there will be a confirmation of the successful install. Once completed the Installation Manager confirms the product(s) are installed correctly.

🔞 SolidWorks 2011 SP2.0	Installation Manager – 🗆 💥
SolidWorks	
Welcome	Installation is Complete
Serial Number System Check	☑ Tell us how we can improve your installation experience (English only).
SNL Server Options	SolidWorks Customer Experience Program You can improve the quality of SolidWorks 2011 by sending encrypted fault and usage information to Dassault
Summary	Systèmes SolidWorks SolidWorks.com/pages/services/ProductFeedback.html.
Install Servers	Yes, I want to participate (RECOMMENDED).
Finish	No, I choose not to participate.
Hel	

5. Select Finish and close the installation manager. This completes the installation of the SolidWorks SolidNetWork License Manager. If you choose to tell us your installation experience, the following Survey will be displayed in your Internet Browser. Thank you for your feedback.

Solid Works 2011 Installation Survey Please tell us about your install experience so we can improve it for you! Let us know if you were satisfied overall or not, and if not, what problems you encountered. Overall, were you satisfied with your install or update experience? Yes No I'm not sure	CalidWarks 2011 Installation Convey
overall or not, and if not, what problems you encountered. Overall, were you satisfied with your install or update experience? Yes No	SolidWorks 2011 Installation Survey
overall or not, and if not, what problems you encountered. Overall, were you satisfied with your install or update experience? Yes No	
overall or not, and if not, what problems you encountered. Overall, were you satisfied with your install or update experience? Yes No	
overall or not, and if not, what problems you encountered. Overall, were you satisfied with your install or update experience? Yes No	
 ⊘ Yes ⊘ No 	
 Yes No 	
 Yes No 	Overall, were you satisfied with your install or update experience?
No No	
	Yes
I'm not sure	No
	I'm not sure
	0

Use the scale to rate your agreement with each statement about the installation or upgrade you just performed.

	7 - strongly agree	6	5	4 - not sure	3	2	1 - strongly disagree	Does not apply
Instructions and other messages were easy to understand.	O	\odot	O	O	\odot	O	O	O
The administrative image options provided were sufficient.	\odot	\odot	0	0	\odot	0	O	0
The download file was a reasonable size.	O	\odot	\odot	\odot	\odot	\odot	O	O
I am confident that the installation or update I just performed was successful.	0	0	O	O	0	O	©	
	7 - strongly	6	5	4 - not sure	3	2	1 - strongly disagree	Does not

Activate 2011 SolidNetWork License

Starting with SolidWorks 2010 release, a new licensing method has been introduced for network licenses. The new process will require internet connectivity to 'activate' the license on the SolidWorks server.

What does this mean for the user? The end user will no longer need a license file or existing dongle. The dongle must be returned to your value added reseller.

🎳 S	SolidWorks 2011	
	SolidNetWork License Manager	
	🕵 SolidNetWork License Manager	_
🌒 S	SolidWorks Installation Manager	
🐌 s	Startup	Ŧ
4	Back	
S	earch programs and files 👂	

1. To activate the newly installed software go to Start > All programs > SolidWorks 2011 > SolidWorks License Manager > SolidNetWork License Manger.

2. A server information dialog will appear that will allow you to choose the license server port(s) and apply an options file if desired. It is recommended that you select the option for firewall in use on this server. Select **Next** to continue.

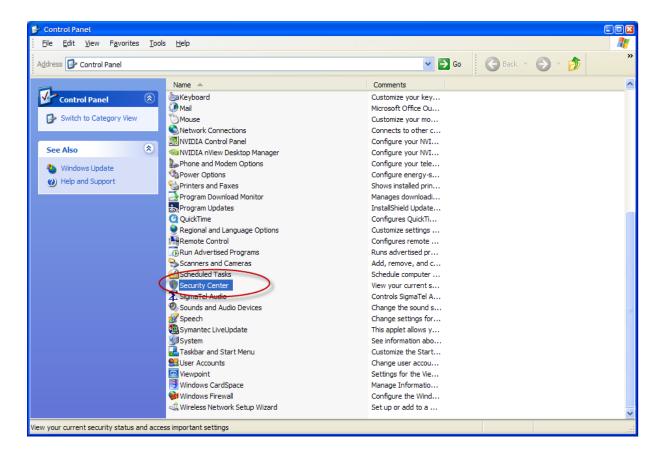
SolidNetWork	License	Server	Information
--------------	---------	--------	-------------

Computer Name:	Your server name	
Port Number:	25734	
Options File:	Browse Edit	
Vendor Daemon	Port Number: 25735	

Note: You will need to add exceptions in your firewall software, example shown in Windows XP and Windows 7 Firewall settings on the next page. For Windows 7, skip the Windows XP firewall section and go to Windows 7 settings.

For Windows XP Firewall

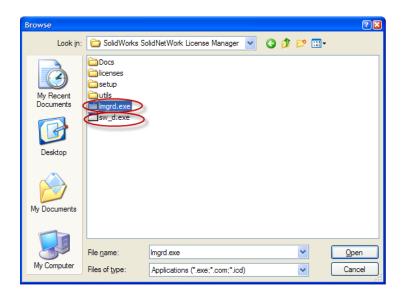
1. Select Security Center from the Control Panel.



2. Click Windows Firewall and then select **Exceptions** Tab. Select the **Add Program** button.

Windows Firewall		E
Windows Firewall is turned off. Your compu- from outside sources such as the Internet. General tab and select On. Programs and Services:		
Name	Group Policy	~
The Property States		
100 F18-110-010-1100-01	10	
	10	≣
Contract and	-	
The second division of the second of the second	10	
Call In case drives in the second	100	
100-100-000-000	100	
(#1-100To) (00)		~
	- wn	
Add Program Add Port	Edit De	elete
Display a notification when Windows Fill	rewall blocks a program	
What are the risks of allowing exceptions?		
	ОК	Cancel

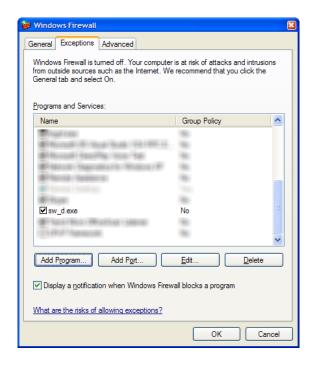
 Browse to the folder where you installed the SolidWorks SolidNetwork License Manager and select both Lmgrd.exe and sw_d.exe.



If lmgrd.exe is added successfully, lmgrd.exe will appear in the list of programs.

Windows Firewall	
General Exceptions Advanced	
Windows Firewall is turned off. Your com from outside sources such as the Internet General tab and select On.	
Programs and Services:	
Name	Group Policy
Contract Contract Contract	
director also	
Contraction in the second second	
Bi incise can	2
100	-
✓ Imgrd.exe	No
Britonali saafig hos tai	
Add Program Add Port	<u>E</u> dit <u>D</u> elete
Display a notification when Windows	Firewall blocks a program
What are the risks of allowing exceptions	2
	OK Cancel

If sw_d.exe is added successfully, sw_d.exe will appear in the list of programs.

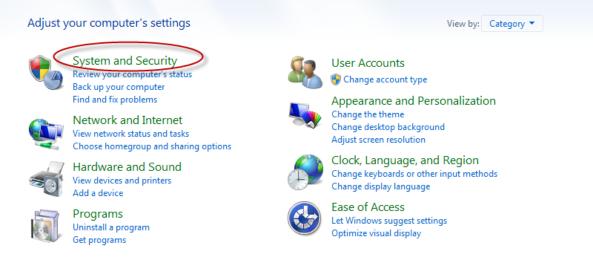


Continue with SolidnetWork License Installation go to Page 17

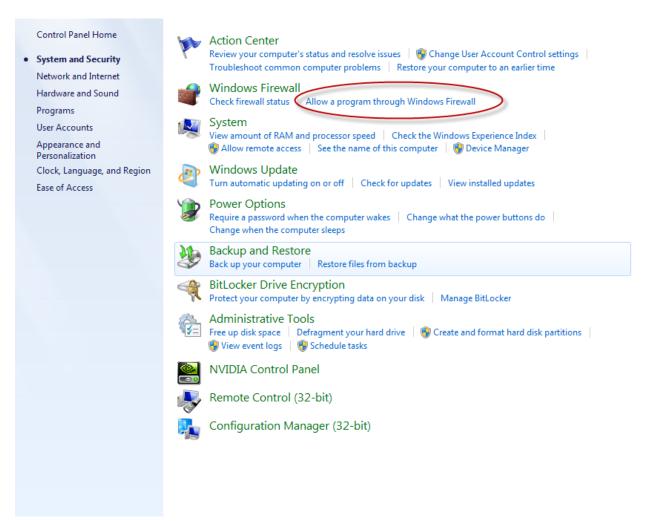
1. Add program exceptions to the Windows 7 Firewall. In SNL Server setup, change image to show that the windows firewall option is selected.

SolidNetWork License Server Information	SW
SolidNetWork License Server Information	
Computer Name: TS-JNIEDER7500	
Port Number: 25734	
Options File: Browse Edit	
Vendor Daemon Port Number: 25735	
About < Back Next > Cancel	Help

2. Bring up the Control Panel and Select System and Security



3. Allow programs through the firewall.



4. Click "allow another program"

at are the risks of allowing a program to cor				Change settings Change
llowed programs and features:	ged by you	system automistrate		
Vame	Domain	Home/Work (Pri	Public	Group Policy
Husselfgalite, replace Parlament (tax), Husselfgalite, Hustori Satto Sarri (t., Husselfgalite, Hustori Satto Sarri (t., Husselfgalite, Hustori Satto Sarri Husselfgalite, Hustori Pagella Santa (t., 1997) Fonnati Taxo Hatsori (Tagella Fonditument Pascation (Santification Facus Pierra (Hustori) Hustori (t., 1997) Hustori (Hustori) Hustori (t., 1997) Hustori (t., 1997) Hustori (t., 1997) Hustori (t., 1997) Hustori (t., 1997)			0000000000	
			Details	Remove

OK	Cancel

And Browse to the folder where you installed theSolidWorks SolidNetwork License Manager. Add both executables.

Lmgrde.exe and sw_d.exe

Browse	×
G ♥ → Computer → Default (C:) → Program Files (x86) →	SolidWorks SolidNetWork License Manager > - 43 Search SolidWorks SolidNetWo P
Organize 🔻 New folder	≣ ▼ 🗍 🔞
 ★ Favorites ▲ Desktop ▲ Downloads ▲ Becent Places ▲ Libraries ▲ Docs ▲ Iicenses ④ setup ▲ utils ■ Imgrd.exe ■ Sw_d.exe 	Select a file to preview.
Image: Computer Image: Computer	
File name:	✓ Applications (*.exe;*.com;*.icd) ✓ Open ✓ Cancel

When lmgrd.exe is added successful to the exceptions list, it will appear as Accresso Software Inc in the list of Allowed programs

add, change, or remove allowed programs a nat are the risks of allowing a program to cor				Change settir	igs
For your security, some settings are mana	ged by you	r system administrato	r.		
Allowed programs and features:					
Name	Domain	Home/Work (Pri	Public	Group Policy	1
✓ 3D Vision Photo Viewer				No	
🗹 Acresso Software Inc.				No	U
PranchCache Contant Patricual (Usos				Ma	1
Henry Constant Standard States				100	
Manager and a state of the second state of the				100	
Managerial contract (Managerial Contract (Managerial)				100	
The second state of the second of the second state of the second s				100	
Contract of Balance and Balance				100	
First State of States States States				100	
Figure and Filmeric Columns				100	
		_	_		-
		(Details.	Remov	e
		Ì	Allow another program		

OK

Cancel

When sw_d is allowed successfully, it will as sw_dn in the allowed programs list.

🕦 For your security, some setti	ngs are managed by you	r system administrato	or.		
Allowed programs and features	:				
Name	Domain	Home/Work (Pri	Public	Group Policy	1
		_		· · ·	
HANDLOR - BETTIN FAMILIARE				10	
Photose States - The second					
There is the internation of the	and the second sec				
				184	
🗹 sw_dn	\checkmark			No	
Tanad Missa Office Care Lind				N	
MANAGER & ENHANCEMENT () (TABLERS / HEL			10	-
V HYDROGE / T SECURIFICATION PA	ALC: NO. OF CO.				
Ministers / Management And	and the second se				-
			Details	Remov	e

Continue with SolidnetWork License Installation

SolidnetWork License Installation, continued

The SolidWorks Product Activation window will appear and you will be required to fill out an email to associate to the activation. Enter an email address and select **Next.**

🕺 SolidWork	s Product Activation	×
Activate/	Transfer Your SolidWorks Product	<u>sv</u>
	Activate To activate your SolidWorks product you must request a license key from SolidWorks. The Activation Wizard will help you collect the information necessary to	
	activate your product. Serial#: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
	Deselect All	
	How would you like to activate?	
	 Automatically over the Internet (recommended) Manually via e-mail 	
	Contact Information (Required)	
	E-mail: Your email address	
About	< Back Next > Cancel	Help

Note: If you do not have internet access, please contact your Value Added Reseller.

The product will now activate via internet.

3. After a successful activation there will be a succeeded message which will show all the products associated with your serial number.

SolidWorks Product Activat	ion	_			X
	Result Activation/F	Reactivation Su	icceeded.		
	Product	#Licenses	Version	Expires	
	Your products	Your license number	19.0 19.0 19.0 19.0 19.0 19.0 19.0	License end date	•
	•	III		•	
SolidWorks	Join the SolidWorks Commu	unity ers. Stay connected	. <u>Join now!</u>	Refresh	
About	< Back	Finish	Cancel	He	lp

4. Select **Finish**, completing activation. The license manager will appear and you can close it out to complete the activation process.

SolidnetWork License Installation is complete.

NOTE: You have now finished installing the SolidWorks License Manager. **You must** now go to your client **computers** and proceed as follows on steps.

Before beginning the installation process, please be sure to close out of all SolidWorks programs currently open on your computer.

You can also install SolidWorks on your server machine. Follow the instructions in the next section.

Section 2 | SolidWorks[®] Education Edition Installation (Stand Alone or Network License Client)

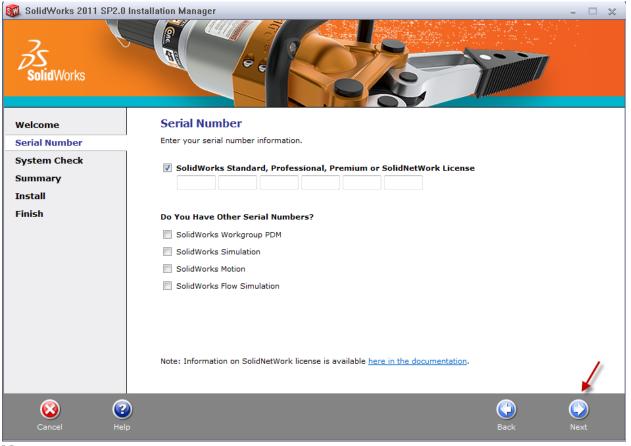
Note: For SolidWorks Network install, the software does not get installed on the network machine (Server) by default. Normally SolidWorks should be installed on the user machines (Client).

Before beginning the installation process, please be sure to close out of all SolidWorks programs currently open on your computer.

1. On the CLIENT Machine Insert DVD or launch the Installation Manager downloaded from the SolidWorks Customer Portal. Select Individual (on this computer). Click Next in lower right corner.

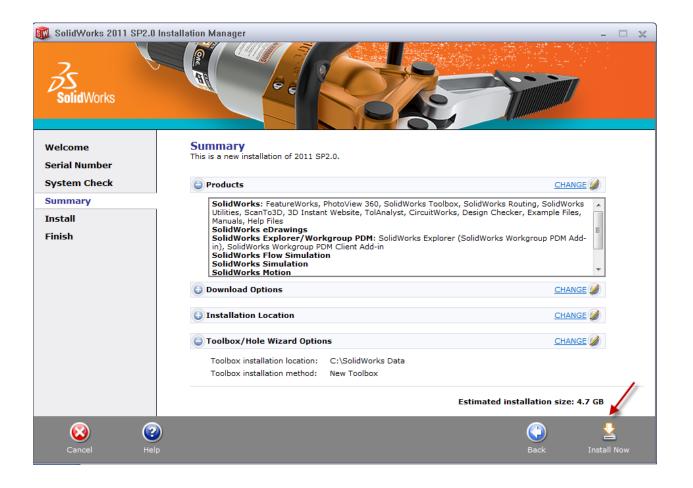
SolidWorks 2011 SP2	2.0 Installation Manager	- 🗆 🗙
Welcome	Welcome to the SolidWorks Installation Manager	
Serial Number	SolidWorks 2011 SP2.0	
System Check	Specify the type of installation:	
Summary	Individual (on this computer)	
Install	 Administrative image Server products 	
Finish		
	elp	() Next

2. For new installation enter your serial number below (24 digits). Click Next.



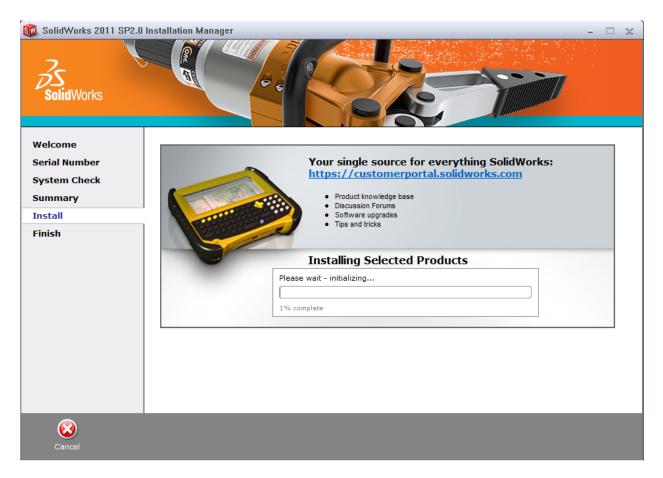
Note: The message in the center of the window under the green bar, "Connecting to SolidWorks" will appear. You may see a screen stating that a newer version is available, ALWAYS select continue installing from DVD and click Next.

3. After you have clicked Next, the SolidWorks 2011 SP2.0 Installation Manager will guide you through the installation. **Accept Defaults** on the screen (**DO NOT change anything**) Click **Install Now** to continue installation.



Note: For the client installation of a network license, you will be asked for your license server name as below. Please enter your license server and the port number that you specified in the server setup steps. The default port is 25734. Enter it as portNumber@computerName. Then click "OK"

SolidWorks Installatio	n Manager	×				
Specify the port number and server name for the SolidNetWork License (SNL) server. The default port is 25734. For example, "25734@myserver". Separate entries for multiple servers with semicolons.						
	To modify or specify a location later, cancel and use Add/Remove Programs from the Control Panel (XP) or Programs and Features (Vista or Windows 7).					
Port@server:	Port@Your server name					
	If the port number and server location are not specified, SolidWorks products may fail to run.					
	ОК	Cancel				



4. Installation is Complete! Confirm if you would like to tell us your installation experience in a survey or participate in the Customer Experience program, then click **Finish**.

🚳 SolidWorks 2011 SP2.0	Installation Manager – 🗆 💥
SolidWorks	
Welcome	Installation is Complete
Serial Number	Show me What's New in SolidWorks 2011.
System Check	 Show the what's new in Soldwork's 2011. Tell us how we can improve your installation experience (English only).
Summary	SolidWorks Customer Experience Program
Install	You can improve the quality of SolidWorks 2011 by sending encrypted fault and usage information to Dassault Systèmes SolidWorks Corporation. This information is confidential and used for product improvement only. To learn
Finish	more, visit <u>http://www.solidworks.com/pages/services/ProductFeedback.html</u> .
	Yes, I want to participate (RECOMMENDED).
	No, I choose not to participate.
	1
Help	De Finish

Note: Depending upon your computer configuration you may or may not need to restart your computer. Installing SolidWorks will also install Simulation and Sustainability products automatically. You do not have to re-install Simulation after the SolidWorks installation is complete.

For client installation of a network license, your SolidWorks is ready now since your network license server has been activated in Section 1 and your client SolidWorks is connected with your license server.

For standalone license installation, when you start SolidWorks Education Edition for the first time, the **SolidWorks Product Activation dialog** will appear to guide you through the activation process. Click **Next**, to continue with activation.

🙀 SolidWorks Product Act	ivation	×
	SolidWorks Product Activation	
	Thank you for installing SolidWorks. You must activate your installation to fully enable all of the features. This wizard will guide you through the activation process.	
	What would you like to do ?	
	 I want to activate my SolidWorks product now 	
	You can use this computer or another computer connected to the internet.	
	I want to activate my SolidWorks product later	
	There are 30 day(s) left in your grace period:	
75	When this period ends, you must activate your SolidWorks product to continue using it.	
SolidWorks		
	× ×	
	\	
About	< Back Next > Cancel Help	

To activate you SolidWorks product you must enter a serial number from SolidWorks. The SolidWorks Product Activation will help you collect the information necessary to activate your product. Choose which method for how you would like to activate. Type in email address and then click Next.

<u>in</u>	olidWorks Product Activation	×
	ctivate/Transfer Your SolidWorks Product	<u>SW</u>
	Activate To activate your SolidWorks product you must request a license key from SolidWorks. The Activation Wizard will help you collect the information necessary to activate your product.	
	Serial#: XXXX XXXX XXXX XXXX XXXX XXXX XXXX X	
	How would you like to activate?	
	Automatically over the Internet (recommended)	
	🔘 Manually via e-mail	
	Contact Information (Required) E-mail: Your email address	
	bout < <u>B</u> ack <u>Next</u> Cancel	Help

Now you are done registering your SolidWorks Education Edition. Click Finish.

🔯 SolidWorks Product Activat	tion	_			×
	Result Activation/I Currently activated products	Reactivation Su	icceeded.		
	Product	#Licenses	Version	Expires	*
	Your products	Your license number	19.0 19.0 19.0 19.0 19.0 19.0 19.0	License end date	· · ·
	•			+	
SolidWorks	-Join the SolidWorks Comm Find answ	unity ers. Stay connected	. <u>Join now!</u>	Refresh	
About	< Back	Finish	Cancel	Не	lp 🛛

YOU CAN NOW RUN SOLIDWORKS EDUCATION EDITION!