

2017 Network Server Installation Guide

TITLE:	Network Server Installation Guide
DATE:	September 2016
SUBJECT:	SolidNetWork Server Install
ABSTRACT:	Comprehensive guide on installing a 2017 SOLIDWORKS SolidNetWork License server



This guide is written for version 2017. If you are using an earlier version of SOLIDWORKS, please download our earlier installation documents.

A SolidNetWork installation allows a company to load more seats of SOLIDWORKS than the number of licenses they have. The licenses are metered out by a server computer to make sure that only the number of licenses purchased is running at any given time.

The license manager software must reside on a server that all SOLIDWORKS users have access to over a network connection.

This is not a troubleshooting guide. If you have any technical issues with SOLIDWORKS, please contact [Hawk Ridge Systems technical support](#).

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Before Installation

Before loading any software, you should always log in with full administrative permissions and disable your antivirus and anti-spyware programs.

Hawk Ridge Systems highly recommends taking a moment before installing SOLIDWORKS and check that you are ready to load your new software. Follow these steps to have better performance within SOLIDWORKS:

1. Check hardware compatibility.

- SolidNetWork License Manager is only supported on the following virtual environments:

VMware vSphere (ESXi) 5.1

VMware Workstation 9

Microsoft Hyper-V, 2012

Citrix XenServer 6.2

- You cannot load the license manager from a remote desktop. You need to have access to the actual server and load from that machine.
- A DVD drive is recommended, but you can download over the internet.

2. Check operating system compatibility.

- Here is a list of compatible operating systems for this version of SolidNetWork License Manager:

Microsoft Windows 7 64-bit

Microsoft Windows 8.1 64-bit

Microsoft Windows 10 64-bit

Windows Server 2008 R2, SP1

Windows Server 2012

Windows Server 2012 R2

If you have an existing SolidNetWork License manager, you will want to go through the next steps to make sure your service is no longer actively metering licenses and you have properly returned your old licenses to SOLIDWORKS.

3. Stop the service.

- You will want all users to shut down SOLIDWORKS or return any borrowed licenses so there are no licenses in use during your upgrade. Then follow these steps to stop the service.
 - Start your *earlier* SolidNetWork License Manager (**Start, All Programs, SOLIDWORKS, SOLIDWORKS Tools, SolidNetWork License Manager**).
 - On the Server Administration tab, press the **Stop** button to shut down the service. You will be warned that stopping the service may result in lost licenses. As long as all users have returned their licenses, this will not be an issue. Answer **Yes** to continue.


4. Return your licenses.

- Follow these steps to deactivate your server license before upgrading your server.
 - Start your earlier SolidNetWork License Manager (**Start, All Programs, SOLIDWORKS, SOLIDWORKS Tools, SolidNetWork License Manager**).
 - On the Server Administration tab, press the **Modify** button this will bring up the product activation page.
 - Choose **Move your product license(s)** and then press **Next**. This will return your license activation to SOLIDWORKS.



SolidWorks Product Activation - SolidNetWork License

What would you like to do ?

 Transfer a software license

5. Remove the program.

- If there are any shared libraries such as Toolbox or a data management vault, they should all be saved to backup locations. Then you can migrate the original libraries and vault to the newer version.



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- If you have a shared location containing existing SOLIDWORKS files, it is recommended that you make backup copies of these files. Any templates or design libraries should also be saved to a backup folder.



- Remove the older SolidNetWork License Manager through Windows Programs and Features on the Control Panel. Only after fully uninstalling the license manager (and SOLIDWORKS and its add-ins if these are also on the server), should you install the new software.



Installing the SolidNetWork License Manager

1. Make sure you are logged in as the administrator.



Shut down

Log off

2. Disable all anti-virus and anti-spyware tools.



3. Insert DVD into your computer. If you do not have a DVD, you can download the program from the Customer Portal at <http://customerportal.solidworks.com/>. For more information, see our *Download and Update* document.
4. The installer should start automatically. If it does not, explore to the DVD drive and double-click on the **SOLIDWORKS** icon, or right-click and choose **autoplay**. If you are using a download, double-click the sldIM.exe within the unzipped sldim folder if it does not run after unzipping.

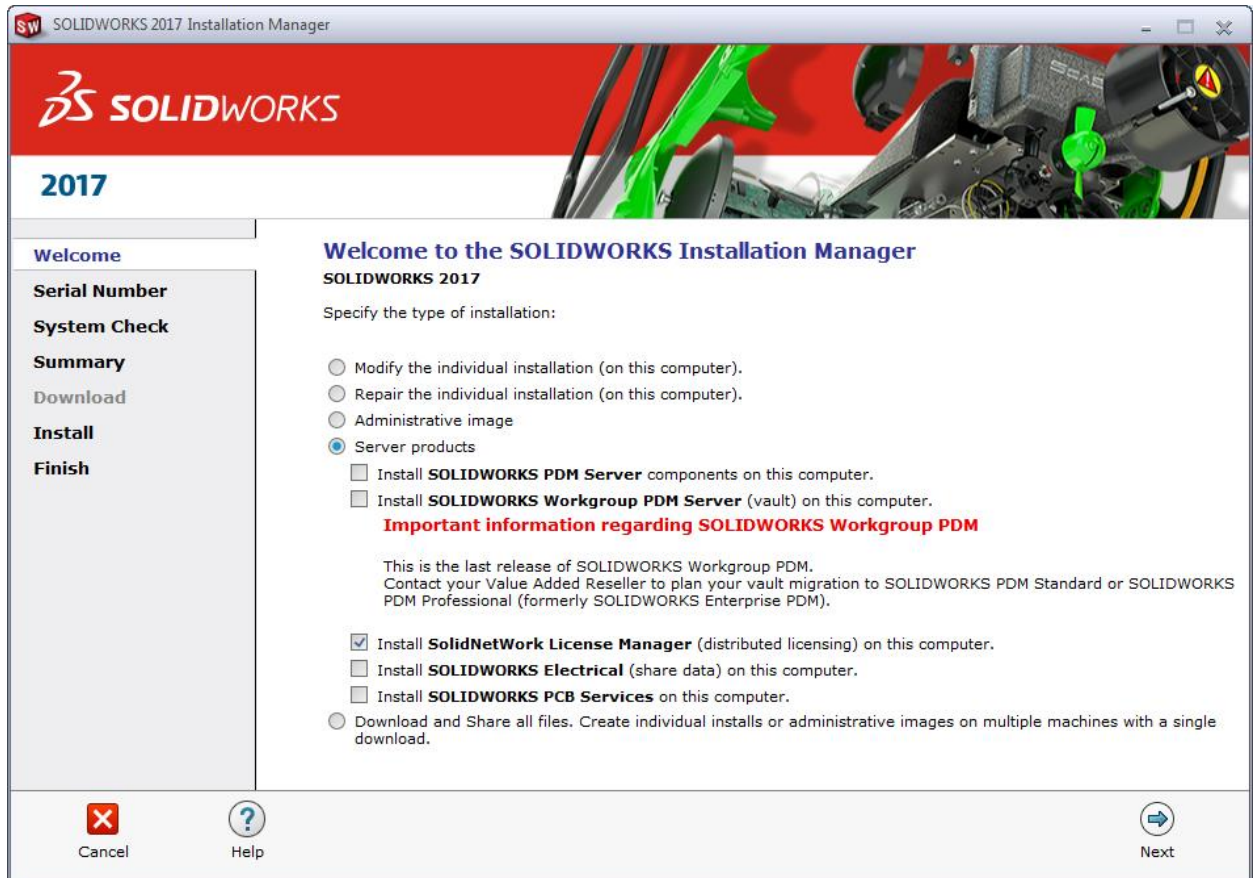


SolidWorks1 (D:)

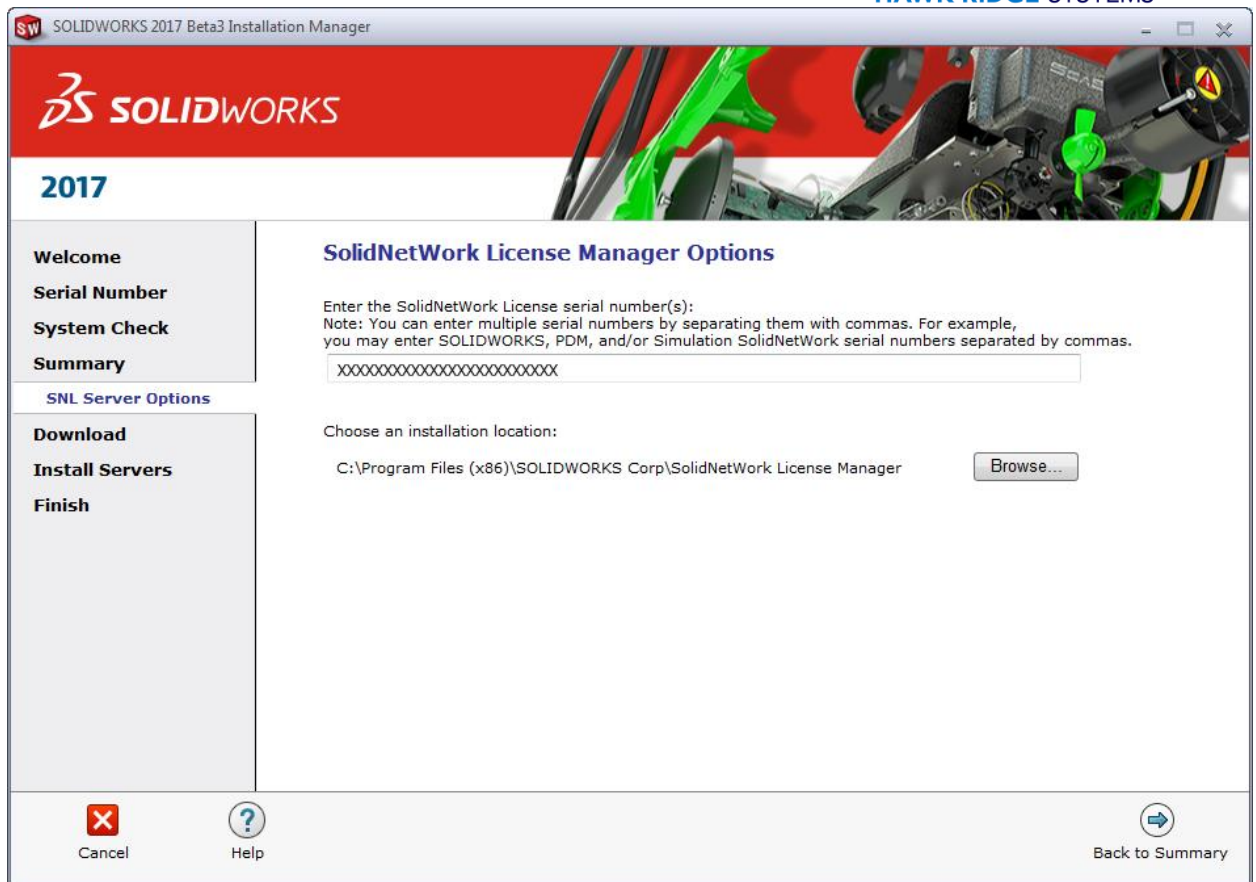


sldIM.exe

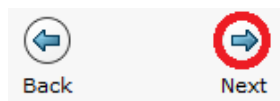
5. The first page of the installation manager will ask you to specify the type of installation you would like to perform. Select the **Server products** radio button. Select the **Install SolidNetWork License Manager** checkbox.



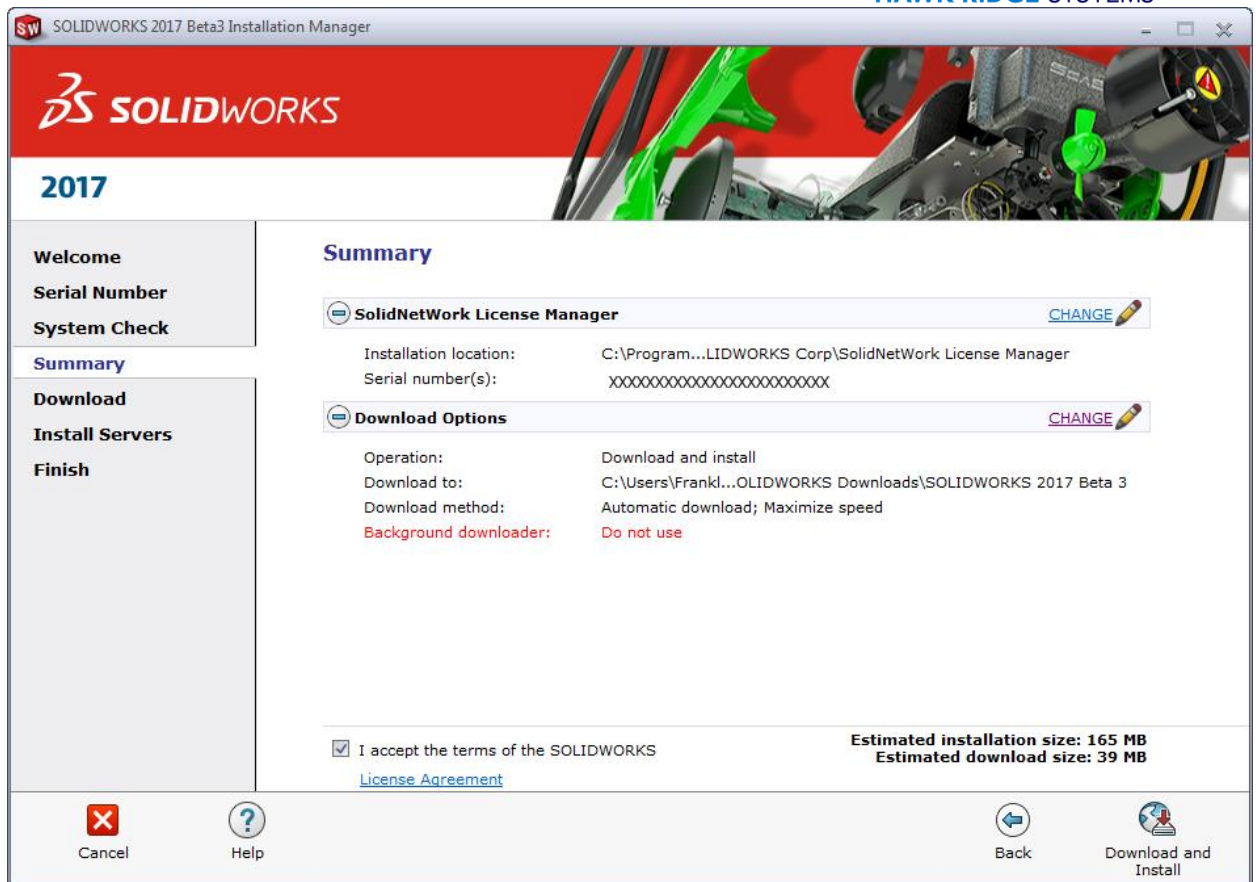
6. Press the **Next** button to continue.
7. The next page is where you will need to enter your SOLIDWORKS serial number; if you have multiple serial numbers, you can enter them by separating them with commas. This page also shows the location where the license manager will be loaded. If you wish to change this default installation location, you can press the **Browse** button to search for another local folder on the server in which to load the software.



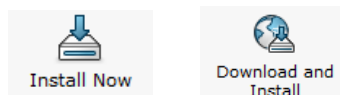
8. Press the **Next** button to continue.



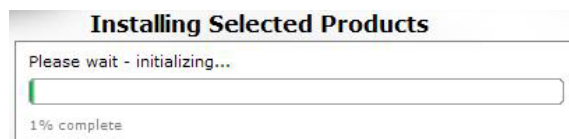
9. The Summary page will appear and show your basic installation information. Under the SolidNetWork License Manager information, the serial number and location specified on the previous page are shown. If you wish to edit these, you can press the **Change** link on this line and return to the server options page. You can also edit the Download Options if you would like by pressing the **Change** button.



10. Press the **Install** or **Download and Install** button to continue.



11. Your installation will begin at this point.



12. When the installation is finished, you will be asked if you would like to participate in the Customer Experience Program. This will periodically send fault and user information to Dassault Systems SOLIDWORKS Corporation to improve product performance. You can answer **Yes**, **No**, or **Remind me later** to this option.

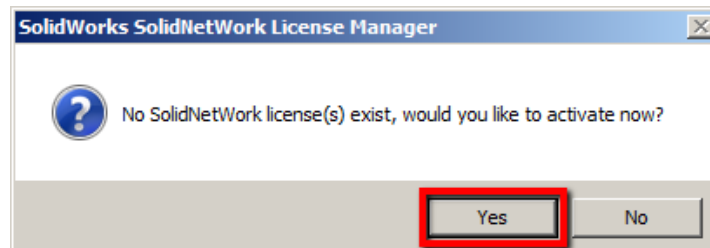
13. Press the **Finish** button to complete the installation.

The SolidNetWork License Manager is now loaded on your server but you will now need to activate your licenses to properly give clients access to using SOLIDWORKS.

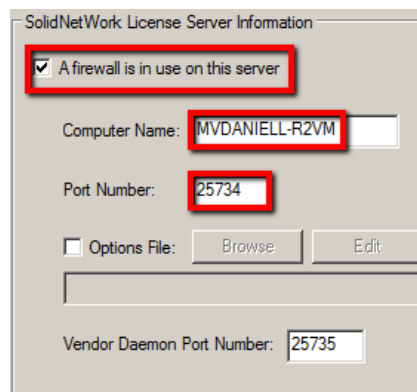
Activating Your Server

If you do not have internet access, see the [e-mail activation](#) section of this document.

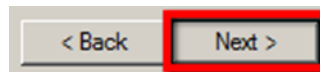
1. Go to **Start, All Programs, SOLIDWORKS 2017, SOLIDWORKS Tools, SolidNetWork License Manager Server.**
2. You will be asked if you would like to activate your licenses. Press the **Yes** button to continue.



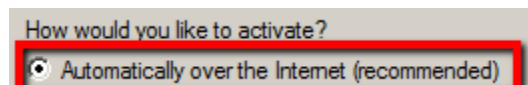
3. The next page will ask for your computer name and a port number. We suggest using the default port unless it is currently in use. Also, most servers now have firewalls that will block the ports needed for networking. Turn on the option **A firewall is in use on this server** to free these ports for use. Note: This is recommended for non fire-walled installations as well to lock the software to these two ports only.



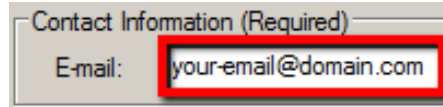
4. Click the **Next** button to continue.



5. Choose to activate **Automatically over the internet.**



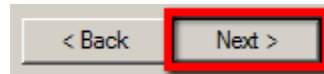
6. Fill out all required fields on the contact information page.



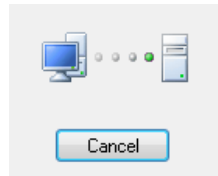
Contact Information (Required)

E-mail:

7. Click the **Next** button to continue.



8. You will now connect to SOLIDWORKS over the internet and the product will be registered and activated. (Do not press the pictured Cancel button unless necessary.)




9. Your SOLIDWORKS is now activated.

Result

 **Activation/Reactivation Succeeded.**

Currently activated products

Product	#Licenses	Version
 SolidWorks eDrawings Pr...	5	25.0
 SolidWorks Workgroup P...	5	25.0
 SolidWorks Office	5	25.0
 SolidWorks Sustainability	5	25.0
 SolidWorks Premium	15	25.0
 SolidWorks Professional	5	25.0

10. Press the **Finish** button to complete.

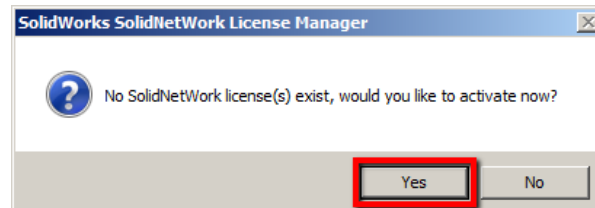


SOLIDWORKS is now properly registered and activated.

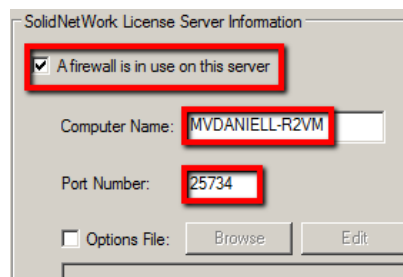
You can now load and run the SOLIDWORKS client machines that have access to this server.

E-mail Activation

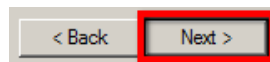
1. Go to **Start, All Programs, SOLIDWORKS 2017, SOLIDWORKS Tools, SolidNetWork License Manager Server**.
2. You will be asked if you would like to activate your licenses. Press the **Yes** button to continue.



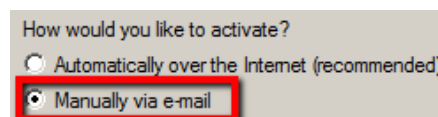
3. The next page will ask for your computer name. We suggest using the default port unless it is currently in use. Most servers will have firewalls that will block the ports needed for networking; check on the **A firewall is in use on this server** to free these ports for use. Note: This is recommended for non fire-walled installations as well to lock the software to these two ports only.



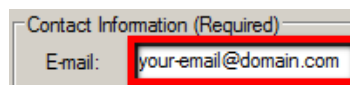
4. Click the **Next** button to continue.



5. Choose to activate **Manually via email**. Press **Next**.



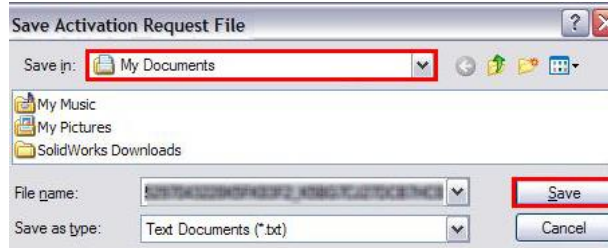
6. Fill out all required fields on the contact information page.



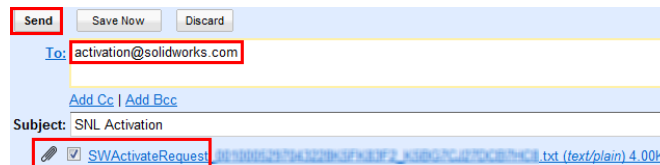
7. Click the **Next** button to continue.



8. The Manual Activation dialog will now open. You will want to press the **Save** button to create a request file.
9. Select a location to **Save** this activation request .txt file.



10. At this point, open your e-mail program and send an e-mail with the request .txt file attached to the message to activation@solidworks.com.



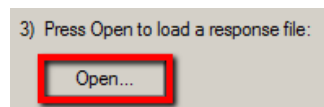
11. You will receive a return e-mail that has a .txt file attached, this .txt file must be moved over to the server.

Attached SWActivateResponse_0010005257043228K3FKE3F2_K3BG7CJ27DCB7HCE.txt. Please save the file to your PC and then import it using the SolidWorks Activation Wizard.

*This email and any attachments are intended solely for the use of the individual or entity to whom it is addressed and may be confidential and/or privileged. If you are not one of the named recipients or have received this email in error,
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(ii) please notify sender of your receipt by reply e-mail and delete this email and all attachments,
(iii) Dassault Systemes does not accept or assume any liability, responsibility for any use of or reliance on this e-mail.*

SWActivateResponse_0010005257043228K3FKE3F2_K3BG7CJ27DCB7HCE.txt
7K [View](#) [Download](#)

12. Back in the manual activation dialog on the server press the **Open** button. This will bring up a browser to read in the .txt file you received.



13. SOLIDWORKS is now activated.
14. Press the **Finish** button to complete.

SOLIDWORKS is now properly registered and activated.

You can now load and run the SOLIDWORKS client machines that have access to this server.

Thank You for choosing Hawk Ridge Systems!