

How To Install A Standalone SOLIDWORKS 2024 License

TITLE: How To Install A Standalone SOLIDWORKS 2024 License
DATE: SEPTEMBER 2023
SUBJECT: Installation and Licensing of SOLIDWORKS Standalone
ABSTRACT: Instructions on how to install and activate SOLIDWORKS Standalone



This guide is written to perform a SOLIDWORKS 2024 Standalone installation. If you are using a network license, please refer to this article [here](#). If you are using an earlier version of SOLIDWORKS, for example, SOLIDWORKS 2023, please view earlier installation documents to correctly load and administer your version of SOLIDWORKS.

Before loading any new software, you should always log in with full administrative permissions, disable your anti-virus, anti-spyware programs, and User Account Controls. Be sure that your operating system has been updated with the most recent Windows Updates to avoid any compatibility issues with the installer.

A SOLIDWORKS Standalone license can be used to activate SOLIDWORKS on one machine. If you wish to use your activation on another system, you must first deactivate your standalone license from the PC it is currently active on. Please see the [SOLIDWORKS End User License Agreement](#) if you have any questions regarding this policy.

This is not a troubleshooting guide. If you have any technical issues with SOLIDWORKS please contact our support team at support@hawkridgesys.com, or 877-266-4469 (US) or 866-587-6803 (Canada).

This document is only to be distributed and used by Hawk Ridge Systems customers. Any other use is prohibited.

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Before Installation

Hawk Ridge Systems highly recommends taking a moment before installing SOLIDWORKS Standalone and checking that you are ready to load your new software.

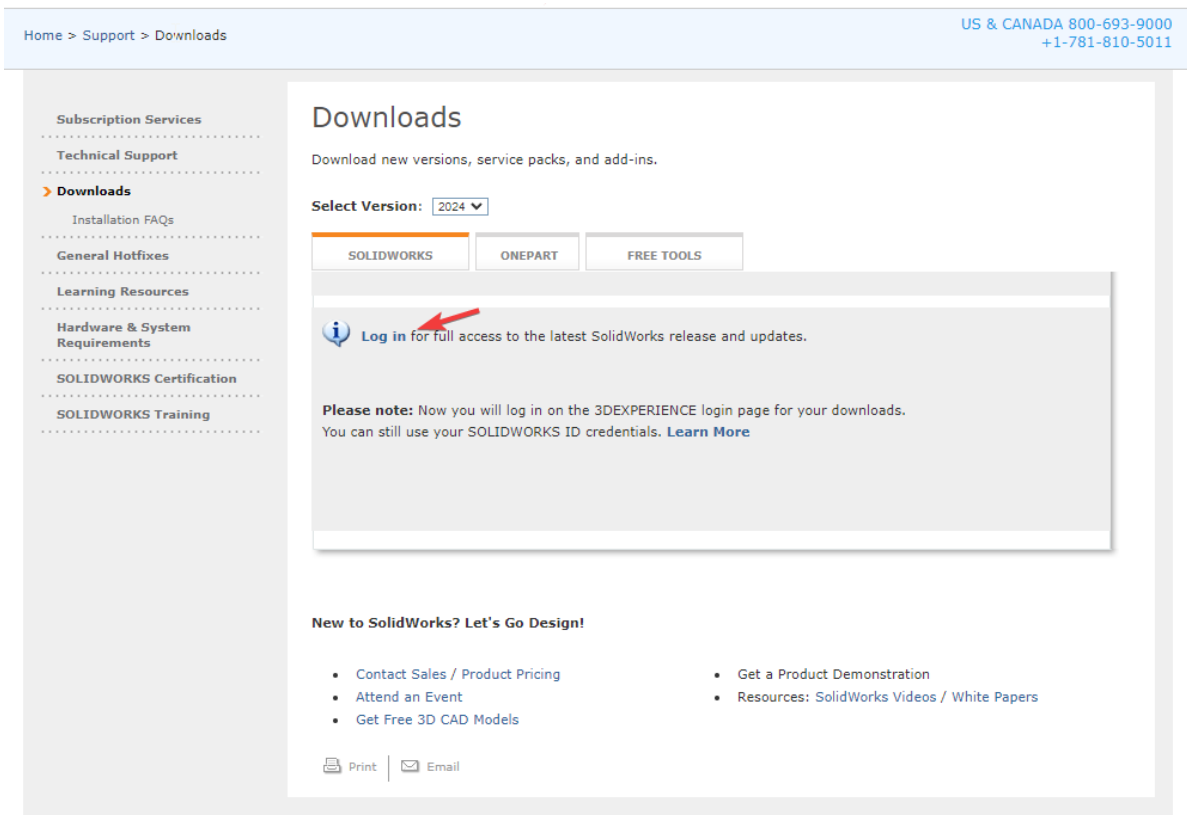
1. First, check to see that your system meets the SOLIDWORKS 2024 [minimum system requirements](#) and that your [video card](#) is compatible.
2. Next, please confirm that your Hard Drive has enough space to leave approximately 15% of your hard drive available after the installation is complete. This is to ensure that your new SOLIDWORKS installation will work as expected. Back up any older SOLIDWORKS data such as your working files, custom toolbox items, saved template files, design library, and other related data files. You can also save your SOLIDWORKS settings with the [Copy Settings Wizard](#). SOLIDWORKS CAD is year-specific, i.e., not forward compatible. Older versions of SOLIDWORKS cannot open files from newer versions e.g., SOLIDWORKS CAD 2023 cannot open SOLIDWORKS 2024 files.
3. Log into your computer with full administrative rights.
4. Turn down the User Account Control settings (found in the Control Panel). To do this press your Windows key on your keyboard or on your screen and type "UAC" followed by the enter key. A window will appear with a vertical scroll bar, you will want to move the bar down to "Never Notify" for the installation. To implement the UAC changes we will need to restart the computer. You can revert these changes after the installation is complete.
5. Disable all anti-virus and anti-spyware tools.

Basic Installation

SOLIDWORKS is installed from the SOLIDWORKS digital installation media or installation disc. The installation uses the same Installation Manager as other SOLIDWORKS products. You will need to download the SOLIDWORKS Installation Manager to download and install your SOLIDWORKS 2024 standalone installation. The SOLIDWORKS 2024 installation disc is available by request in 2023 [here](#).

1. Please go to the [SOLIDWORKS downloads page](#) and choose the SOLIDWORKS 2024 version that you are trying to install (please note that you will need to first log in through the 3D Experience Portal before you can access the SOLIDWORKS downloads).

You will then follow the prompts to download the SOLIDWORKS installation executable. If you have a SOLIDWORKS installation disc you can insert your SOLIDWORKS installation disc into your computer and start the Setup.exe file.

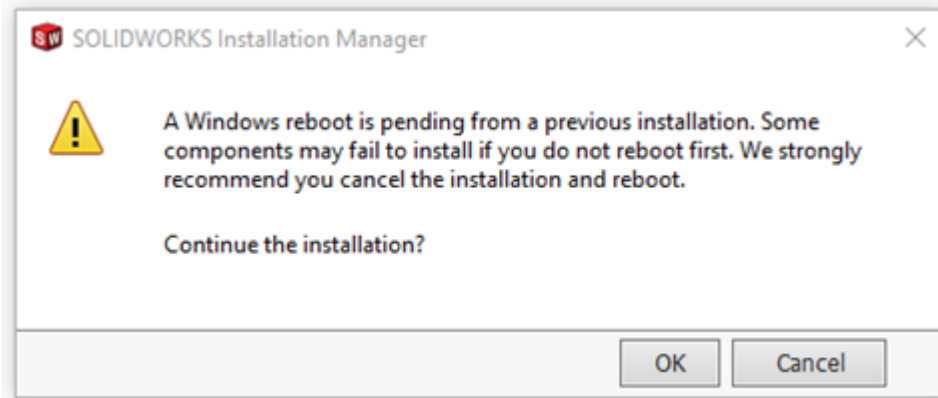


The screenshot shows the SolidWorks Downloads page. At the top, there is a breadcrumb trail: Home > Support > Downloads. On the right, contact information for US & CANADA is provided: 800-693-9000 and +1-781-810-5011. The main content area is titled 'Downloads' and includes a sub-header: 'Download new versions, service packs, and add-ins.' Below this, there is a 'Select Version:' dropdown menu set to '2024'. Three tabs are visible: 'SOLIDWORKS' (selected), 'ONEPART', and 'FREE TOOLS'. A prominent message box with an information icon and a red arrow pointing to the text 'Log in for full access to the latest SolidWorks release and updates.' is displayed. Below this, a 'Please note:' section states: 'Now you will log in on the 3DEXPERIENCE login page for your downloads. You can still use your SOLIDWORKS ID credentials. [Learn More](#)'. At the bottom, there is a section titled 'New to SolidWorks? Let's Go Design!' with a list of links: 'Contact Sales / Product Pricing', 'Attend an Event', 'Get Free 3D CAD Models', 'Get a Product Demonstration', and 'Resources: SolidWorks Videos / White Papers'. At the very bottom, there are 'Print' and 'Email' icons.

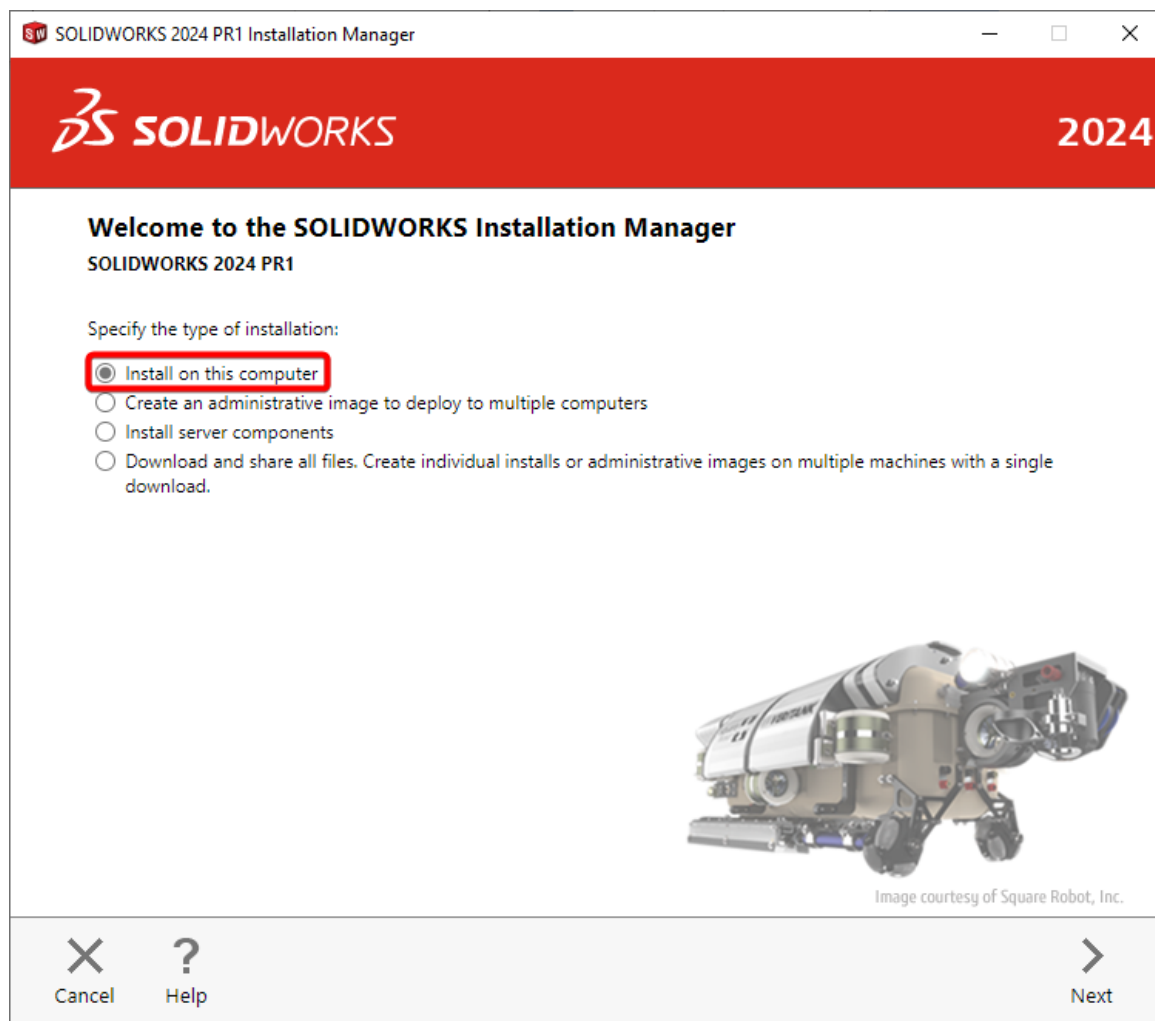


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- Note: If you receive a Windows reboot message like the one below, click **OK**. This warning only applies to SQL based products like SOLIDWORKS Electrical.



- When the welcome screen opens, please select **Install on this computer**.





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4. Next, you should confirm any serial numbers that are pre-populated, or type in your SOLIDWORKS serial numbers.

If you are unable to find your serial number, please call us or send us an email and we can send you your SOLIDWORKS License serial number to a previously established email address.

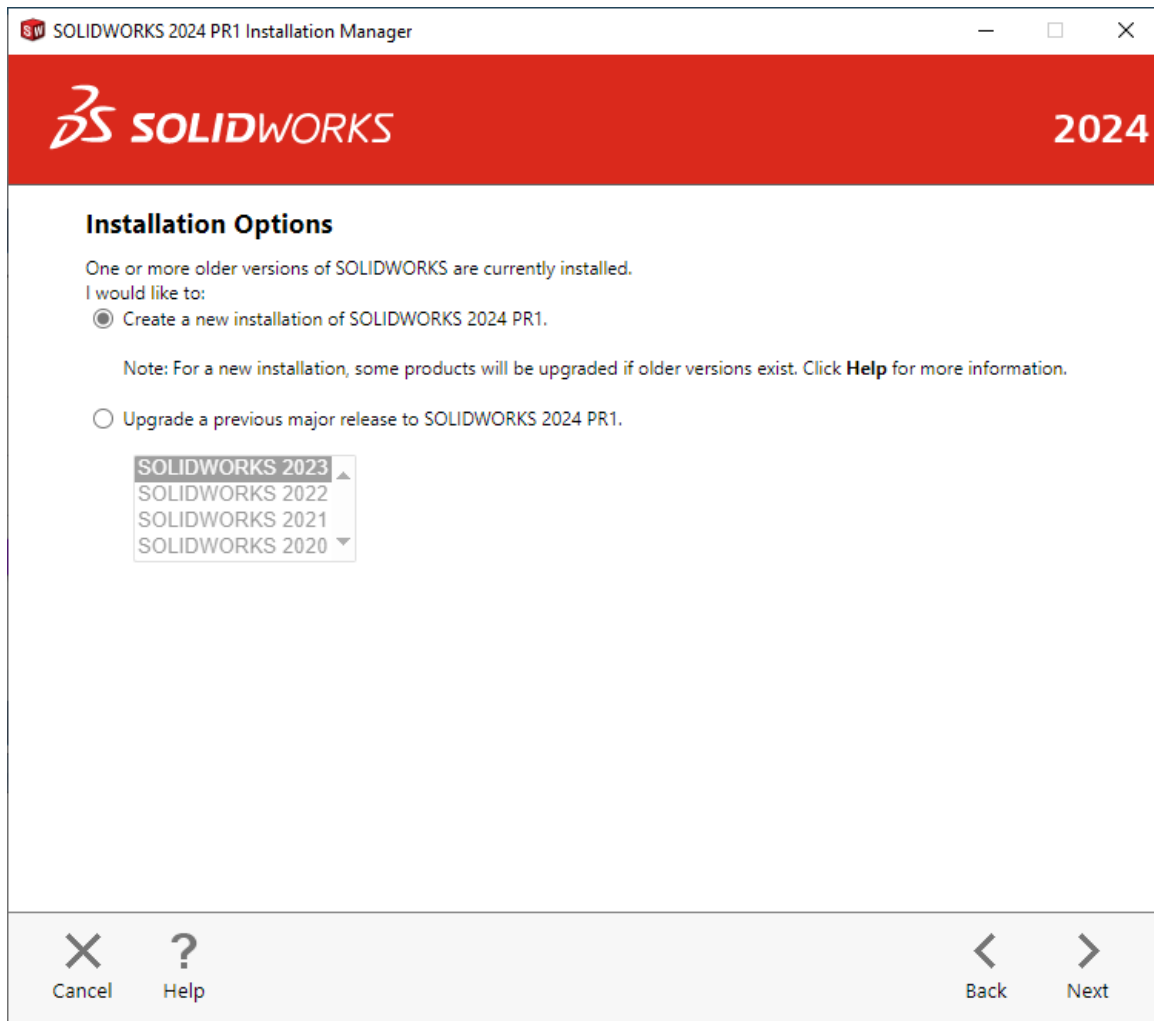
The screenshot shows the 'Serial Number' section of the 'SOLIDWORKS 2024 PR1 Installation Manager' window. The window title bar includes the SolidWorks logo and the text 'SOLIDWORKS 2024 PR1 Installation Manager'. The main header is red with the SolidWorks logo and '2024' on the right. Below the header, the 'Serial Number' section prompts the user to 'Enter your serial number information'. It features a list of product categories with expandable options:

- 3D Design** (expanded): Includes a checked checkbox for 'SOLIDWORKS' and six empty input fields.
- Visualization**: Includes 'Visualize, Visualize Boost'.
- Simulation**: Includes 'Flow Simulation, Motion, Plastics, Simulation'.
- CAM** (with an information icon): Includes 'CAM'.
- Technical Communication**: Includes 'Composer, Composer Player Pro, Inspection, MBD'.
- Electrical Design**: Includes 'Electrical, Electrical 3D'.

At the bottom of the window, there are navigation buttons: 'Cancel' (with an 'X' icon), 'Help' (with a '?' icon), 'Back' (with a left arrow icon), and 'Next' (with a right arrow icon).

5. Exit all other programs and click the **Next** button to continue.

For a computer with an existing SOLIDWORKS installation, you can install a new standalone installation concurrently and it will create all new files, templates, etc., for the SOLIDWORKS 2024-year version (typically) without affecting old templates etc. You are also given the option to upgrade an existing SOLIDWORKS installation to 2024.



6. Press **Next** to continue.

If you are not online, SOLIDWORKS will warn you that you cannot automatically select products to install as it is not able to validate the products you are entitled to with your license. Pressing **Cancel** will continue with the installation, but you must manually select all your add-ins during the installation instead of being provided with a list of add-ins and products based on the serial numbers you entered.



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7. Now you will see the summary of what will be installed. On this page you can change things like download options, products to install, where to install SOLIDWORKS (default is best here), and Toolbox Settings.

The screenshot shows the 'SOLIDWORKS 2024 PR1 Installation Manager' window. The title bar includes the SolidWorks logo and window controls. The main header is red with the 'SOLIDWORKS 2024' logo. The 'Summary' section indicates a new installation of 2024 PR1. Under 'Products', a list of components is shown in a scrollable box: SOLIDWORKS Toolbox, Routing, ScanTo3D, TolAnalyst, CircuitWorks, Costing, Design Checker, Example Files, Manuals, Help Files; SOLIDWORKS Languages: English; eDrawings; File Utilities; Composer Player; and CAM. Other sections include 'Download Options', 'Installation Location', and 'Toolbox/Hole Wizard Options', each with a 'Change' link. A red message states 'Previous Toolbox detected. Select Installation Method.' At the bottom, there is a checkbox for accepting the license agreement, a link to the 'License Agreement', and installation size information: 'Estimated installation size: 11 GB' and 'Estimated download size: 4.6 GB'. The footer contains 'Cancel', 'Help', 'Back', and 'Download and Install' buttons.



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8. Select the SOLIDWORKS software and features to install by expanding each selection group and checking the boxes, then click **Back to Summary**.

The screenshot shows the 'SOLIDWORKS 2024 PR1 Installation Manager' window. The title bar includes the SolidWorks logo and window controls. The main header is red with the 'SOLIDWORKS' logo and the year '2024'. Below the header, the 'Product Selection' section is titled 'Select products to install.' and lists 'SOLIDWORKS Premium' with a link to 'Select different packages or products'. A scrollable list of products is shown with checkboxes: SOLIDWORKS (7.0 GB), SOLIDWORKS Languages, eDrawings (595 MB), SOLIDWORKS File Utilities (31 MB), SOLIDWORKS Electrical (699 MB), SOLIDWORKS Composer Player (515 MB), SOLIDWORKS CAM (2.3 GB), SOLIDWORKS Manage Client (695 MB), SOLIDWORKS PDM Client (891 MB), 3DEXPERIENCE Exchange for SOLIDWORKS (470 KB), and API Tools. Below the list is a text box with the prompt 'Select a product to see its description.' At the bottom right, it states 'Estimated space required for installation: 12 GB' and 'Does not include the size of any downloads.' The footer contains 'Cancel', 'Help', and 'Back to Summary' buttons.



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9. To change the Toolbox settings, click Toolbox/Hole Wizard Options **Change** and you will see the image below. When installing a new installation of SOLIDWORKS alongside an old year version, you can re-name the new toolbox C:\SOLIDWORKS Data 2024 to differentiate it from older SOLIDWORKS year versions installed on your computer. For upgrade installations you can choose to create a new one, upgrade an existing Toolbox, or copy an existing Toolbox and upgrade that copy.

The screenshot shows the 'SOLIDWORKS 2024 PR1 Installation Manager' window. The title bar includes the SolidWorks logo and the text 'SOLIDWORKS 2024 PR1 Installation Manager'. The main header is red with the SolidWorks logo and '2024'. The main content area is titled 'Toolbox/Hole Wizard Options' and contains the following text: 'SOLIDWORKS Toolbox includes a library of standard hardware. If you have multiple Toolbox users, consider using a shared folder to simplify management of your Toolbox parts. The Hole Wizard will use the same location as Toolbox.' There are three radio button options: 1. 'Create a new SOLIDWORKS 2024 Toolbox: ⓘ' with a text box containing 'C:\SOLIDWORKS Data 2024' and a 'Browse...' button. 2. 'Use an existing SOLIDWORKS Toolbox: ⓘ' with a text box containing 'C:\SOLIDWORKS Data\' and a 'Browse...' button. 3. 'Upgrade a copy of your 2022 Toolbox data. ⓘ' with the instruction '[Click **Browse** to choose a location]'. Below the options, a note states: 'This is a 2022 Toolbox data folder. It will be upgraded by the Installation Manager during installation.' The bottom of the window has a grey bar with 'Cancel' (X icon), 'Help' (? icon), and 'Back to Summary' (< icon).







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10. Click back to summary, accept the terms of the SOLIDWORKS License Agreement, then click **Download and Install** or **Install only** if you already have all the installation files.

I accept the terms of the SOLIDWORKS
[License Agreement](#)

Estimated installation size: 21 GB
Estimated download size: 8.5 GB

 
Cancel Help

 
Back Download and Install

Standalone Activation

SOLIDWORKS Standalone licenses are activation-based licenses. The first time SOLIDWORKS is launched it will bring up the activation wizard.

Follow these instructions to activate SOLIDWORKS over the **internet**.

1. If prompted, select **Activate/Reactivate your product license**.



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2. Highlight the SOLIDWORKS license in the activation wizard by clicking **Select All**, then enter your email for the activation and click next. This will launch the activation process.

SOLIDWORKS Product Activation

Activate/Deactivate Your SOLIDWORKS Product

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.

Product:

How would you like to activate?

Automatically over the Internet (recommended)
 Manually via e-mail

Contact Information (Required):
E-mail:

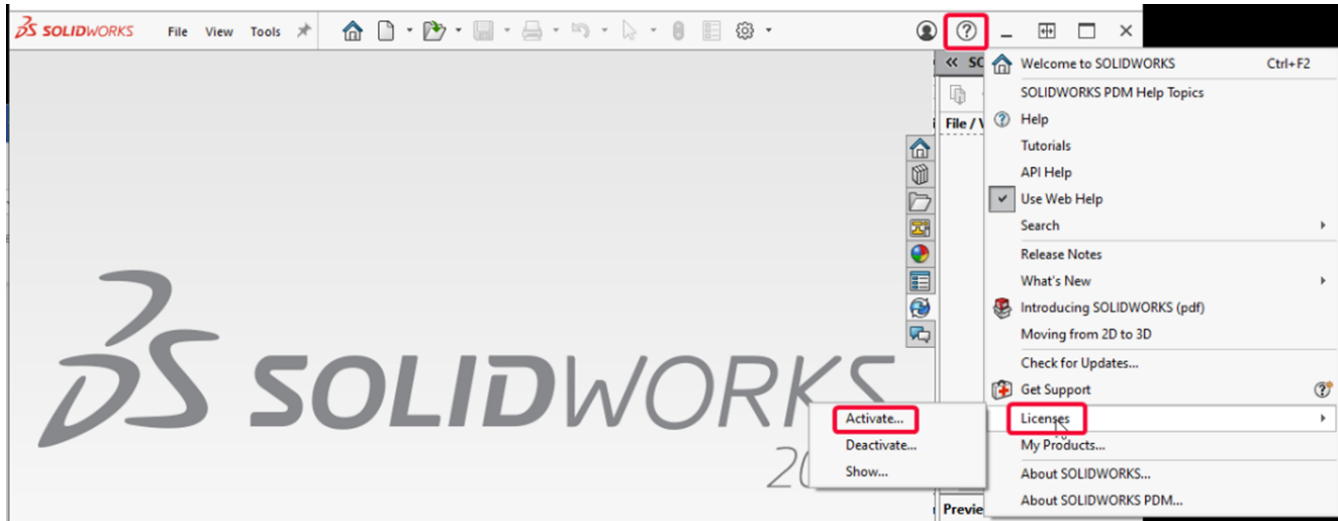
We respect your privacy. To learn about how DS SolidWorks Corporation protects your privacy, please review our [Privacy Policy](#).

3. Once the activation process is complete, SOLIDWORKS will be fully licensed and installed. If the activation fails, SOLIDWORKS will often launch with a 30-day grace period before your license needs to be activated.



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4. To **manually activate** the product, you may launch the activation wizard within the help menu and follow the same steps as above. Go to **Help** (the question mark within the circle) -> **Licenses** -> **Activate**.



E-mail manual Activation

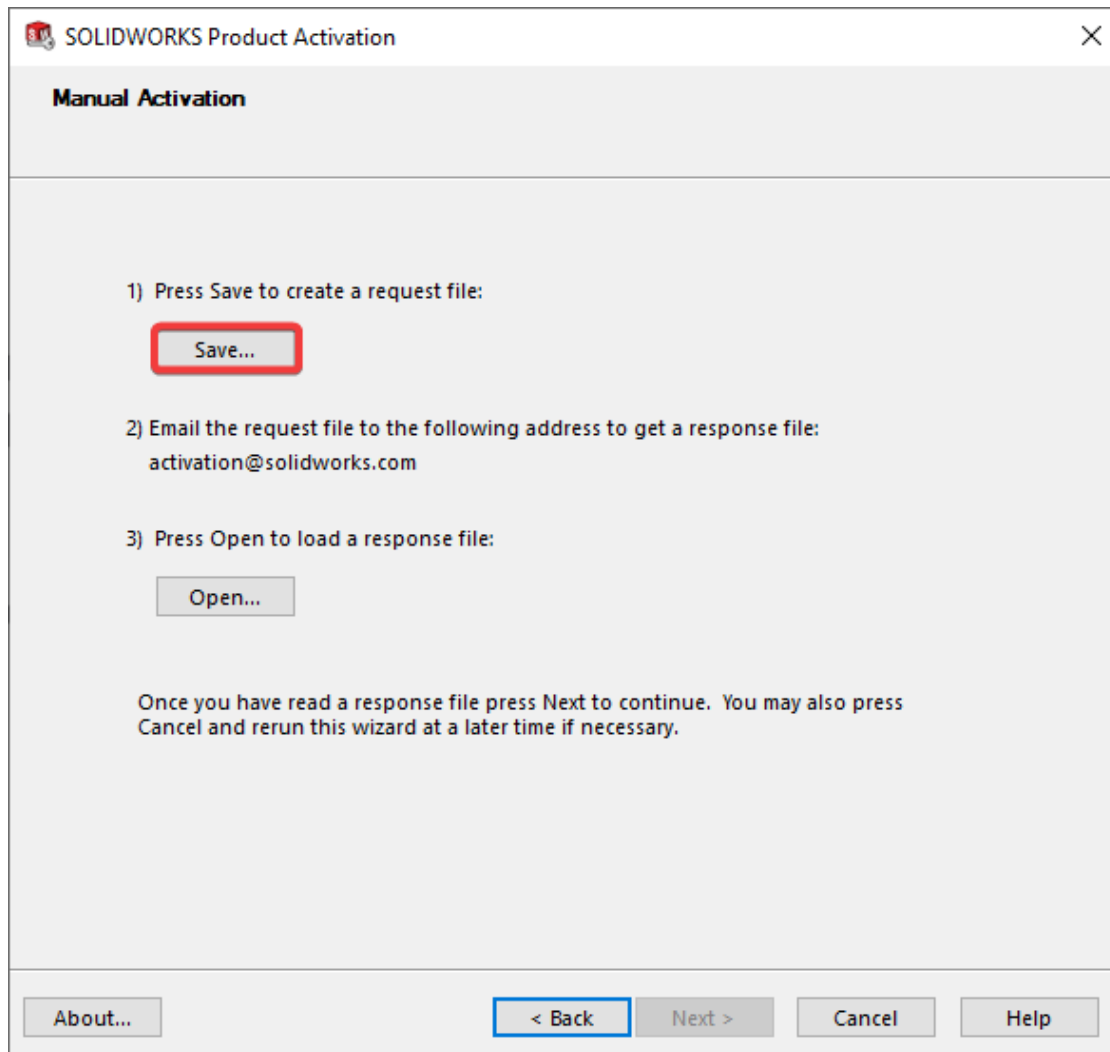
1. If you do not have internet access on the computer you are looking to use, go to **Help** -> **Licenses** -> **Activate**, then select **Manually via email**.
2. Click the **Next** button to continue.



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3. On the next page, select the **Save...** button to create an activation request file.

Warning! Once you have saved this activation request file, do not exit out of the SOLIDWORKS Activation Window until you have completed the email activation process. You will need to open a response file from SOLIDWORKS inside the SOLIDWORKS software or you will not be able to run SOLIDWORKS.



4. Browse to the location on your computer to store this .txt file and press the **Save** button. Copy this text file onto a disc or removable storage device and move it to a machine with internet access.
5. Send this file as an attachment to an e-mail and send it to activation@SOLIDWORKS.com.
6. SOLIDWORKS will send a return email with a response .txt file attached. Save this text file to a disc or removable storage device and move it to the machine awaiting activation.
7. In the activation wizard, press **Open...**



8. Browse to the response file and press the **Open** button.
9. The next page will show you that your activation is complete.
10. Press the **Finish** button to close the Activation Wizard.

Once SOLIDWORKS is activated, you will be able to use the product. Please note that if you need to install SOLIDWORKS onto a new machine, please deactivate the license of the machine that is no longer going to be used first, then activate your new installation.

Your standalone installation of SOLIDWORKS is now properly installed and licensed.

For further assistance, please contact our support team at support@hawkridgesys.com, or 877-266-4469 (US) or 866-587-6803 (Canada).