

Guide to Admin Image Install



An Admin Image is often created to speed up the installation of multiple deployments of SOLIDWORKS. It is also used when the users want to maintain toolbox or program settings through install.

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From the host computer or server:

Part 1: Create the Image

This section shows how to download and create the initial image for deployment.

STEP 1: Find and run the SOLIDWORKS **setup.exe** file, by default this is located in C:\Users*username*\Documents\SOLIDWORKS Downloads\SOLIDWORKS XXXX.

CS (C:)	setup	Application



STEP 2: Select Administration Image Button.

If there is an existing image to leverage installation and configuration settings, select **Create a new image using settings and files from an existing image**.

*Note: This will create new copy of this image, the original will not be modified.

If creating a new image from scratch, select **Create a new image using default settings**.

Welcome	Welcome to the SOLIDWORKS Installation Manager
Serial Number	SOLIDWORKS
System Check	Specify the type of installation:
Summary	 Individual (on this computer)
Download	Administrative image
Create Image Finish	Create a new image using default settings. Create a new image using settings and files from an existing image (smaller download).
	[No location chosen] Browse
	O Download and share all files. Create individual installs or administrative images on multiple machines with a single download.

STEP 3: Select and input all serial numbers to be used for admin image and click **Next**.

	Cavial Number
Welcome	Serial Number
Serial Number	Enter your serial number information or log in to automatically populate serial numbers
System Check	
Summary	1 D Design
Download	
Create Image	
Finish	



STEP 4: Select **CHANGE** to modify any section you would like to change. Choose an image location and click **Download and Create Image**. Location should not contain any other admin images and should be in a folder that can be shared for client deployment.

🚳 SOLIDWORKS Installatio	on Manager	- 🗆 X
ZS SOLI	D WORKS	
Welcome Serial Number System Check	Summary You are creating an administrative image for Note: Additional options are available in the Option Editor	▲ or after the image is created. See <u>Help</u> for more information
Summary	Products	<u>CHANGE</u>
Download Create Image Finish	Tokkadyst, Consenserves, MOLDWEDRES Control, I Scit. Breathers Languages: English ethrandings NOL Breathers Englishere Solt. Breathers Electrical Sectors of Classic (Stic) Sectoral 3D, Bectrical Security (Collaborative Sec NOL Breathers, Company Player	Nemagin Chankar, Kasampin Mina, Hannada, Heny Hann A Nachard Chanton (Channada, Schulthalland) an Aggin alter Data)
	Download Options	<u>CHANGE</u>
	Administrative Image Location	
	New image location:	Manufacture and Annual State and Annual
	2 I accept the terms of the SOLIDWORKS	Estimated image size:
×	(?)	(a) (3) (3)
Cancel	Help	Back Download and Create Image

STEP 5: Uncheck "Show me how..." and click **Customize Image.** This will open the Administrative Image Option Editor.



*Note: The option editor is installed in the location identified in Step 4.



Part 2: Administrative Image Option Editor

This section shows how to use the option editor to customize the installation parameters for groups and individual client systems.

STEP 1: It is common to Group systems with similar options, and callout specific machines within those groups with more unique options and settings. This allows for customized deployment of certain settings per group or machine. Select the Group or Machine icon to customize deployment options.

國 Administrative Image Option Edito	r SOLIDWORKS	-	×
Setup Deploy Manually Deploy A	Automatically		
湿 ţ ×	Engineering Same as Global Settings except for the following:		
Global Settings	Serial Numbers		
🖃 🔜 Engli eering			- 1
GROUP MACHINE	Client Installation Options		

STEP 2: With a Group or Machine selected, click the pencil icon to access the install options.



STEP 3: Serial Numbers

Click the desired checkboxes to specify the products to be installed.





STEP 4: Client Installation Options

A) Upgrade an existing major version to replace an existing major version with the new version or Create a new major version to maintain a previous major version, effectively having multiple versions of SOLIDWORKS installed on one system. Click Browse to specify installation location.

B) If creating a new major version, specify what should be done with the older version.

C) Select how settings should be applied for SOLIDWORKS. Choose to use current settings (if they exist) or settings exported from SOLIDWORKS Settings Administrator. Click **Launch Settings Administrator** for additional setting options.

*Note: See section on SOLIDWORKS Settings Administrator for more information.

D) Select method of activation.





STEP 5: Administrative Options

Contains advanced options for logging in as another user, running additional programs and participating in the Customer Experience Program.

If users do not have administrative rights to their computers, it is important to select **Run the installation as a different user** then include the Login/Password for an administrator.

*Note: Disabling UAC (Windows notification settings) is required for any install type.

S Administrative Image Option	Editor SOLIDWORKS - 🗆	x
Setup Deploy Manually Dep	loy Automatically	
湿 🔄 🗙	Same as Global Settings except for the following:	
Global Settings	Serial Numbers	^
Manufacturing E	Client Installation Options	
	Administrative Options	
	□Create a diagnostic log during each installation (slower.)	
	 Run the installation as a different user. Note: Use this for client computers that do not have administrative privileges and are not using Deploy Automatically. 	
	Login(Domain\User): Password:	
	Run a program before installation:	
	Run a program after installation:	
	Do you want clients to participate in the SOLIDWORKS Customer Experience Program? OYes, I want to join	
	○No, thank you ●Remind me later	

STEP 6: Software to Install

Choose software to be installed.

🔯 Administrative Image Option	Editor SOLIDWORKS	- 🗆 x
Setup Deploy Manually Dep	loy Automatically	
望 汉 ×	Same as Gobbal Settings except for the following:	
Global Settings	Serie Numbers	
Manufacturing E	Ilient Installation Options	
	Administrative Options	
	1) 😑 Software to Install	
	A SOLIDWORKS SOLIDWORKS Languages PDrawings SOLIDWORKS Explorer SOLIDWORKS Electrical SOLIDWORKS Composer Player SOLIDWORKS CAM SOLIDWORKS Manage Client SOLIDWORKS Manage Client SOLIDWORKS Simulation SOLIDWORKS Motion	



STEP 7: Toolbox/Hole Wizard Options

If users will be accessing a shared Toolbox (typically a network location), this can be specified here. *Note: If the location contains an older major version of Toolbox, the client installation will upgrade that Toolbox to the new major version. The files will no longer be compatible with previous versions. Loss of any customizations is possible, consider saving a copy of the shared toolbox.





SOLIDWORKS Settings Administrator tool:

The Settings Administrator tool is used to set system options that are applied when deploying or upgrading SOLIDWORKS. This can be used to set and lock user settings and replaces the Copy Settings wizard for deploying settings.

STEP 1: Select Use a settings file exported from the SOLIDWORKS Settings Administrator. Then select Launch Settings Administrator...





STEP 2: Choose the starting option.

Resolution Solid Solid Setting Administration	×
Welcome	
The Settings Administrator allows CAD Administrators to define specific options to deploy and lock.	
1.Start with an existing set of options 2.Select the options to apply and optionally lock 3.Edit the selected options as needed	
Starting Options:	
A O Default set of options	
B O Import SOLIDWORKS 2019 options from this computer	
C O Browse to an existing sldreg file	
D O Browse to an existing sldSetting file	
Back Next Cancel He	lp

A) Default set of options for this version of SOLIDWORKS.

B) Import SOLIDWORKS options from this computer to select options from the current install and lock settings as desired. This process creates a swSetting Admin File (*.sldsettings).

C) Browse to an existing sldreg file, file generated by Copy Settings Wizard.

D) Browse to an existing sldSetting file, file generated by SOLIDWORKS Setting Administrator.



When selecting **Import SOLIDWORKS options from this computer**, this opens the Setting Administrator. In the System Options tab, the desired settings can be applied and locked if necessary. In the Customization tab, the Toolbar layout, Keyboard shortcuts, Mouse gestures and Menu customizations can be applied.

ig Untitled - SOLIDWORKS Setting Administration		x
System Options	Search Options	Q
System Options	yed: or other documents rup: Never DRSS Setting Administration Select which customizations you would like to deploy Deploy Deploy Cobar layout Select which customization Select which customization	Apply Options:
		Back Save Cancel Help

Finally, options can be set to apply these settings ONLY the first time a user starts SOLIDWORKS or EVERY time a user starts SOLIDWORKS. For locked settings, an override password can be set to allow users to change locked options.



If **Browse to an existing sldreg file** is selected and a file already exists, select **Browse** to navigate to the desired file. If a sldreg file needs to be generated, take the following steps:

A) With SOLIDWORKS open, click Tools and then select Save/Restore Settings



B) Select Save Settings, then click Next.

SOLIDWORKS Copy Setting	gs Wizard	×
	Welcome to the SOLIDWORKS Copy Settings Wizard This wizard allows you to save or restore customization settings for SOLIDWORKS toolbars, shortcuts, menus, and system preferences. Choose which task you would like to perform:	
100%	Save Settings - Save the SOLIDWORKS settings for to a file.	
Alt BS SOLIDWORKS	Restore Settings - Restore SOLIDWORKS settings from a file.	
	2 Next> Car	icel



C) Identify a save location, record for future reference. Select the desired options and click **Finish**.

SOLIDWORKS Copy Set	ings Wizard	>
Solidworks copy set	Save Settings to File Choose a location and name for the settings file (*.sldreg): Save these settings: Save these setings: Save these settings: Save these settings: Save	Browse
	< B 2 Fin	nish Cancel

D) Click **OK** to finish.





Pre-Deployment

To finalize the admin image for deployment, the directory where it was created must be shared. This location was specified in Part 1, Step 4.

(Auto or Manual Deployment) – Create a Network Share Folder:

A) Select folder where admin image is stored, right-click > Properties.



B) On the Sharing tab, select **Advanced Sharing**.





C) Check the option for Share this folder, select Permissions.

	and the second second		
Add	Remove		
mit the numi	per of simultaneou	s users to:	20
omments:			

D) Enable Full Control permissions for **Everyone**.

*Note: Verify client access to the shared folder by navigating to Windows Explorer folder > Network > Admin Computer, the Admin Image folder should be present.

roup or user names:		
Everyone		
	Add	Remove
	700	TIGHTOVE
emissions for Everyone	Allow	Deny
Full Control		
Change		
Read		



Part 2a: Deploy the Image Manually (Preferred)

This is the preferred option for deployment and is used when the clients have administrative rights to their Windows profile.

STEP 1: From the Administrative Image Option Editor, select **Deploy Manually**.

🗊 Administrative Image Opti	on Editor SOLIDWORKS	- 🗆 🕺				
Deploy Manually	Deploy Automatically					
夏 þ X	Global Settings					
🗉 🕙 Global Settings	Serial Numbers					
Constant of the	SOLIDWORKS:					
	Client Installation Options					

STEP 2: Select the Machine or Group to deploy to and click Send Email.

*Note: To deploy to multiple Groups, repeat this process for each of them.

國 Administrative Image Option E	Editor SOLIDWORKS		- □ ×
Setup Deploy Manually Depl	oy Automatically		
🕙 DefaultUser	Available For Installation Available Now	Status 4	Continuer from
💂 Engineering	Available Now		Serial Numbers
Manufacturing E	Available Now		
• • • • • • • • • • • • • • • • • • •			
Create Desktop Shortcut to	o this Option Editor		2 Send Email OK Close Help

STEP 3: A link will be generated similar to the one shown, this is the link to the HTA file client systems will use to deploy manually. **Add addresses** you wish to send link to:

From:	
To: Enter Destination Add	ress(s) Here 🔨 🏾 🗶 🗠 🛚 Cc & Bo
SOLIDWORKS Installation Link	
Click this link <file: \<="" td=""><td>\StartSWInstall.hta> to begin the installation of</td></file:>	\StartSWInstall.hta> to begin the installation of



*Note: Before you've sent the email, you may see this window pop-up. Select your shared Network Folder (this was the location specified in Part 1, Step 4) and hit **OK**.





Part 2b: Manual from Client Side

STEP 1: Once received, the client can open the link from the email or Copy/Paste into the Windows Start search bar. The link will open the following window, click **Run**.

We car run this	n't verify who file?	created this	file. <mark>Are you</mark> su	ure you want to
	Name:			
	Type:			
	From:			
		1	Bun	Cancel

STEP 2: Select **Install SOLIDWORKS products now**, it may take a few moments to access the server.





STEP 3: Select **Finish** to complete installation, activation of the software should be automatic.





Alignex Quick Guide: Admin Image Install

Part 3: Deploy the Image (Auto – Not Recommended)

Automatic (push) installs of SOLIDWORKS, using the specific configurations based on the Admin Image created.

*Note: In order to deploy automatically, both the client and host machine need to be on the same Active Directory. This can be a long process when installing many clients. This section will describe the steps necessary to grant client systems with the proper permissions required for the Task Scheduler to install.

Adjust Permissions Manually:

STEP 1: Navigate to the folder the Admin image is located in. Right-click > **Properties**.

	· Section and a section of	0.0000	~ 0
a fear that		Name	Type
3 (10000)		A resident	File, folder
1.000		A	Elle folder
a property of		4	This folder
a monoge	Open	P. Construction of the local division of the	Rie folger
A Property lies	The second		
1 Ingentifier	and the second second second		
2 Supervise			
a designed			
-		-	
-			
	The second secon		
-		24	
3	and the second sec		
1	10		
3			
a localitation	100		
a succession	1.00		
A Descent "			
a taset			

STEP 2: Select the Sharing tab, select **Advanced Sharing**.





STEP 3: Check the box for 'Share this folder', then select **Permissions**.

snare name					
Add	Remove				
imit the nu	mber of simult	aneous u	sers to:	20	
					E.c.s
comments:					

STEP 4: Select 'Everyone' from Group or usernames. Then set to allow full control. Select **Apply**, then click **Add**.

are Permissions		
roup or user names:		
Leveryone		
	Add	Remove
emissions for Everyone	Allow	Deny
Full Control		
Change		
Read		



STEP 5: From the Select Users, Computers, Service Accounts or Groups window, select **Object Types...**

Select Users, Computers, Service Accounts or Groups	×
Select this object type: Users, Groups, or Built-in security principals	Object Types
Enter the object names to select (<u>examples</u>):	Locations
	Check Names
Advanced OK	Cancel

In Object Types, select **Computers**, click **OK**.

Object Types	×
Select the types of objects you want to find.	
Object types:	
Built-in security principals Service Accounts Groups Groups Users	
2	OK Cancel



STEP 6: Enter your computer name, followed by \$. Next, select Locations... and select your domain location. Click OK to exit.

*Note: Workgroup networks may not be supported.



STEP 7: Open the Administrative Image Option Editor application located in the folder specified in Part 1, Step 4.

File		<mark>│</mark> ↓ Home	Share	View	Application To Manage	ols		
4	->	~ ^	>			- 10 m	and the second sec	ٽ \
		-				^	Name	Туре
>		-					64bit	File folder
>	1						📜 lang	File folder
>							🗊 sldAdminOptionEditor.exe	Application
>						-	ୠ startswinstall.exe	Application
>							T StartSWInstall.hta	HTML Application
>								



STEP 8: Select **Deploy Automatically**, select the Groups and/or Machines to be deployed to. Select the desired deployment options and enter the domain, username and password of the client to install and click **Deploy**. ***Note:** This should be an account that has administrative privileges to the client PC.

-	Deploy	Status 😽	Deploy SOLIDWORKS without user interaction or
DefaultUser	1000		administrative privileges.
Engineering	П		
Manufacturing E			😁 Install Time
			2 Now Olater
			Client Options
			Install or Upgrade SOLIDWORKS
			3 OUNINSTALL SOLIDWORKS CReboot computer automatically.
			Client Credentials
			Domain: Domain Name ×
			Username: Enter User Name
			Password: ••••••

*Note: After deploying, you may see the following warning message. Select **Browse...** to navigate to your shared network folder, click **OK**.

	Browse for Folder	×
Warning X Choose a network path A shared network path is required for client computers to access StartSWInstall.hta	Network	
OK Cancel	2 OK Cancel]



STEP 9: On the client system, the following window will pop up The SOLIDWORKS install will automatically start after five minutes or after the client selects **OK**.

SOLIDWORKS Installation Manager	\times	
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SOLIDWORKS will start installing automatically in 5 minutes or click OK to start it now.



*Note: After deploying, the status can be viewed in the Options Editor window. The status may display as scheduled for some time before it says 'Successful'. It will be a silent install using less PC resources.