UNIVERSITY SolidWorks Installation & Licensing **OF MIAMI** College of Engineering

Student Technology Help Desk, Spring 2024

UNIVERSITY OF MIAMI



SolidWorks Installation & Licensing

- This walkthrough is intended to assist students with downloading, installing, and licensing of the SolidWorks software
- Please note, your computer will need to be connected to the university campus Wi-Fi network **CaneNet_Wireless** in order to successfully license the software
- The SolidWorks software is recommended for Windows computers <u>ONLY</u>
- For additional assistance or questions, please contact the Student Technology Help Desk



Step 1:

Navigate a web browser to <u>www.miami.edu/software</u>

Step 2:

When prompted, sign in with your CaneID and password:





Step 3:

When prompted, authenticate with DUO:

MIAMI		
Enter you	ur passcode	
Verify it's you by entering a passcode from the Duo Mobile app.		
Passcode		
	Verify	
	Other options	

Step 4:

Once signed in, select "Software for Students":

	rsity of Miami
	ė
Student	Faculty/Staff
SOFTWARE FOR STUDENTS	SOFTWARE FOR FACULTY/STAFF



Step 5:

Locate the section titled "Engineering Software" & select "SolidWorks":





Step 6:

Click on "DOWNLOAD SOLIDWORKS":

SolidWorks

Description

SolidWorks is used to develop mechatronics systems from beginning to end. At the initial stage, the software is used for planning, visual ideation, modeling, feasibility assessment, prototyping, and project management. The software is then used for design and building of mechanical, electrical and software elements.

- Eligible: Students & Faculty
- Availability: 24 Hours, 7 Days
- Support: Monday Friday, 8:00 a.m. 6:00 p.m.

Download Information			
DOWNLOAD SOLIDWORKS			

S SOLIDWORKS

Open All Tabs



Step 7: Once downloaded, locate the "SolidWorks22" folder:





Step 8: Right-click the "SolidWorks22" folder and select "Properties":





Step 9:

The properties window will open.

First, click on the "Unblock" checkbox.

Second, select "Apply".

Lastly, close the window by pressing on the "Ok" button:

General Secu	urity Details Previous Versions		
	SolidWorks22		
Type of file:	Compressed (zipped) Folder (.zip)		
Opens with:	Hindows Explorer Change		
Location:	C:\Users\STHD\Downloads		
Size:	32.1 MB (33,762,369 bytes)		
Size on disk:	c: 32.2 MB (33,767,424 bytes)		
Created:	Monday, August 8, 2022, 8:40:10 AM		
Modified:	Monday, August 8, 2022, 8:40:14 AM #1		
Accessed:	Today, August 8, 2022, 9 minutes ago		
Attributes:	Read-only Hidden Advanced		
Security:	This file came from another computer and might be blocked to help protect this computer. #2		
#3—	OK Cancel Apply		



Step 10:

Right-click the "SolidWorks22" folder and select "Extract All":





Step 11:

Open the extracted "SolidWorks22" folder and run the "setup" file:





Important Note: To successfully license the software, you will need to be connected to the campus Wi-Fi network (*CaneNet_Wireless*).

Step 12:

The Installation Manager will open. First, make sure that "Install on this computer" is selected. Second, click "Next":





Step 13: In the "Serial Number" box, enter the following number: 9710 0089 4696 7724 PKK2 N3G4:





Step 14:

Continue to the next screen by clicking "Next":



Step 15:

Select whether you would like to get the latest version of SolidWorks. Then, select "Next":

SOLIDWORKS 2022 SP2.0 Installation Manager	- 🗆 X
3S SOLID WORKS	2022
Newer Version Available	
A newer version of this product is available for download.	
Would you like to use the newer version?	
O No, I'd like to continue installing SOLIDWORKS 2022 SP2.0.	
Yes, I would like to get the latest version: SOLIDWORKS 2022 SP3.1	
Check to see what this upgrade includes.	
"0	
#2	
X ?	$\langle \rangle$
Cancel Help	Back Next

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Step 16:

Click on the "Change" button next to "Products":



Step 17:

Uncheck the "SOLIDWORKS Electrical" checkbox. Then, click on "Back to summary":

Product Selection		
Select products to install.		
SOLIDWORKS Premium	Select different packages or products	
SOLIDWORKS (7.7 GB)	~	
Drawings (746 MP)		
SOLIDWORKS File I trilities (21 MP)		
SOLIDWORKS Flow Simulation (12 GB)		
PV360 Network Client (524 MB)		
SOLIDWORKS Plactics (15 GB)	11.4	
SOLIDWORKS Electrical (952 MB)	-#1	
SOLIDWORKS Composer (1.6 GB)	π I	
SOLIDWORKS Visualize (3.5 GB)		
SOLIDWORKS CAM (2.3 GB)	~	
SOLIDWORKS PCB Viewer (1.6 GB)		
Select a product to see its description.		
	Estimated space required for installation: 20 GB	

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Step 18:

First, select the license agreement checkbox. Second, click on "Download and Install":





Step 19:

A pop-up menu will appear asking for the Port Server. In the empty box, enter: **25734@UM02CELSLICP01.CGCENT.MIAMI.EDU**:

SOLIDWORKS Installation 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 or use Programs and Features from the Control Panel	
Port@server:	
If the port number and server location are not specified, SOLIDWORKS products may fail to run.	
OK	21



Step 20:

Click "Ok". The installation will now begin:



Step 21:

Once the installation is complete, select "Finish":

Step 21:

During installation, an "Internal Error" menu may appear. Select "Ok" to continue:

🗊 SOL	IDWORKS Installation Manager
×	Internal error: The Windows Installer for this product component did not run as expected: INSTALL.
2	Contact Technical Support.
	When contacting Technical Support about installation issues, you will need to provide the installation log files available <u>in this directory.</u> Use the button below to save your logs as a zip file for sending to your support representative.
	Save Logs for Support OK

Step 22:

If the previous error message appeared, then the following screen will open. This may not mean that the installation itself was unsuccessful, as it most likely refers to an add-on. Press "Next":

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Step 23:

Search for and open the SOLIDWORKS 2022 application:

Step 24:

Select "Accept" on the License Agreement:

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Step 25:

The application opens, indicating a successful installation:

S SOLIDWORKS > A D . D . D . D . D . D . D . D . D . D	0 •		🛛 Search Commands 🔍 - 🛞 ⑦ 🗕 亜 占 🗙
			≪ 3DEXPERIENCE Marketplace (☉) →
	Welcome - SOLIDWORKS	? ×	3DEXPERIENCE
	Home Recent Learn Alerts	Extend SOLIDWORKS with the 3DEXPERIENCE Platform	
	New		Connect to the 3DEXPERIENCE®
	Part 🥰 Assembly 📴 Drawing	Advanced Open	product data and lifecycle management, organic shape design, simulation solutions,
	Recent Documents	View all	and more. (Subscription required.)
			Use 3DEXPERIENCE Marketplace to source 3D content and services worldwide. (No license required.)
	No recent	documents	Let's get started
	Recent Folders View all	Resources	
		🗭 What's New 🚱 Customer Portal	
		MySolidWorks 🖓 User Groups	
	No recent folders) User Forum 🔞 Get Support	Learn more about the benefits of using SOLIDWORKS with the 3D EXPERIENCE
	Arrow keys rotate the model. Ctrl + Arrow keys pan the model. Alt	- Arrow keys rotate the model parallel to the viewing plane. $<>$	platform. Don't show this page again.
	Do not show on startup		
Done			

The SolidWorks software is now installed.

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If you have any questions or require additional assistance, please reach out to:

Student Technology Help Desk Richter Library, Room 325 305-284-8887 Mon-Fri 9 AM to 5 PM