

BEACON Newsletter - June 2024

Enabling **SOLIDWORKS SIMULATION** with **3DEXPERIENCE SOLIDWORKS ROLES**

We all know that SOLIDWORKS SIMULATION is an add on module to the SOLIDWORKS CAD Graphic User Interface (GUI) for performing the Finite Element Analysis. Starting from R2024x FD01 and later version of **3DEXPERIENCE SOLIDWORKS ROLES** namely **3DEXPERIENCE SOLIDWORKS Standard, 3DEXPERIENCE SOLIDWORKS Professional and 3DEXPERIENCE SOLIDWORKS Premium** will enable the users of **SOLIDWORKS SIMULATION Standard, SOLIDWORKS SIMULATION Professional or SOLIDWORKS SIMULATION Premium** to setup and run structural simulation in the graphical user interface of **3DEXPERIENCE SOLIDWORKS Roles**.



SOLIDWORKS Simulation License Type supported

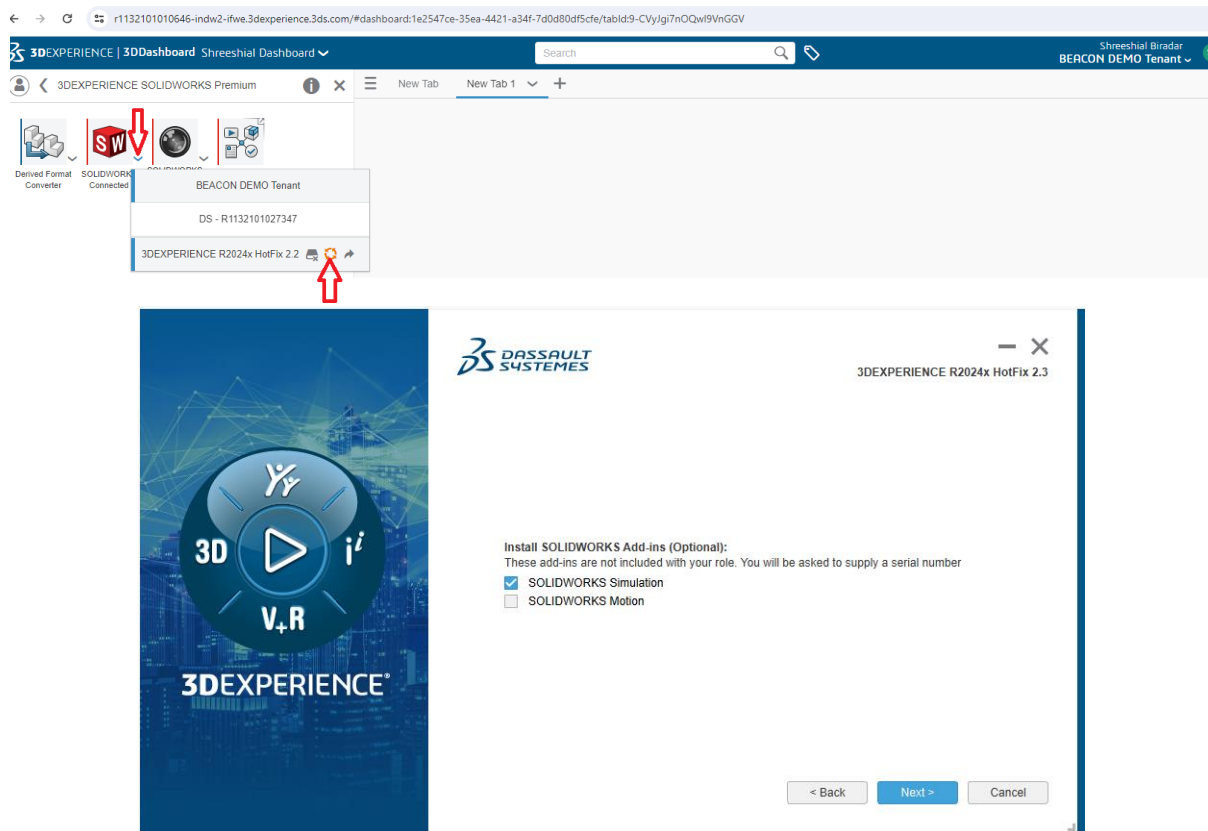
This supports both licensing type of desktop SOLIDWORKS Simulation as listed below,

1. SolidNetWork License (SNL)
2. Standalone also known as Machine Activation

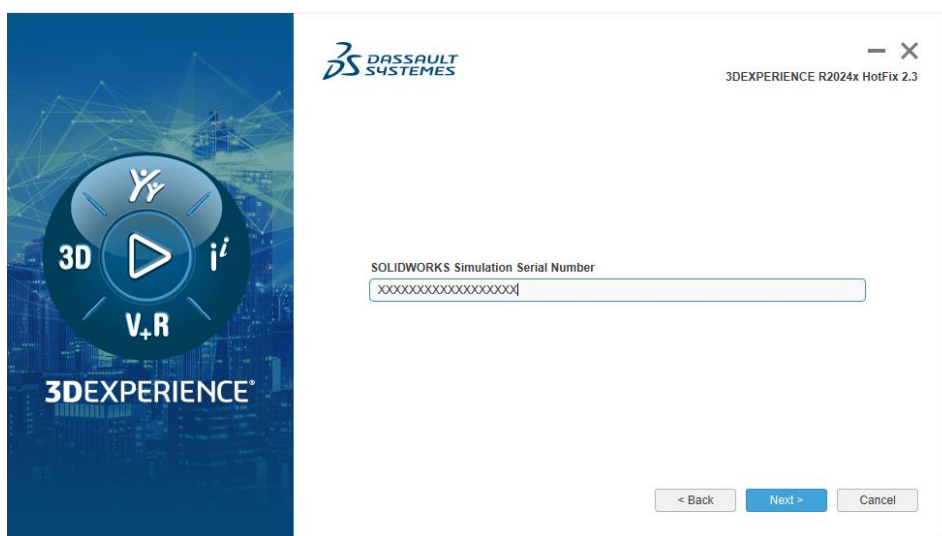
How it Works...??

It requires user to follow the below steps to activate the SOLIDWORKS SIMULATION in **3DEXPERIENCE SOLIDWORKS ROLES**.

Step 1: While installing or upgrading SOLIDWORKS Connected to R2024x FD02, check in the SOLIDWORKS Simulation box, which will pop up during the installation or upgradation of the App.

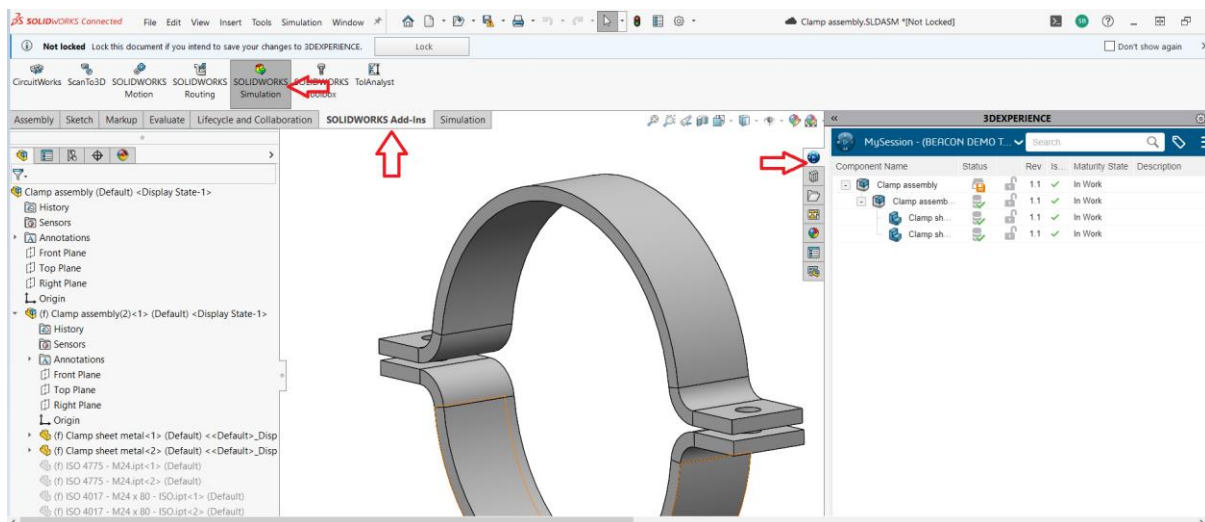


Step 2: In the app, enter the SOLIDWORKS Simulation serial number or the SOLIDWORKS Motion serial number. If you have a SolidNetwork (SNL) license, also enter the port@server for the license server and click Next and complete the installation process.

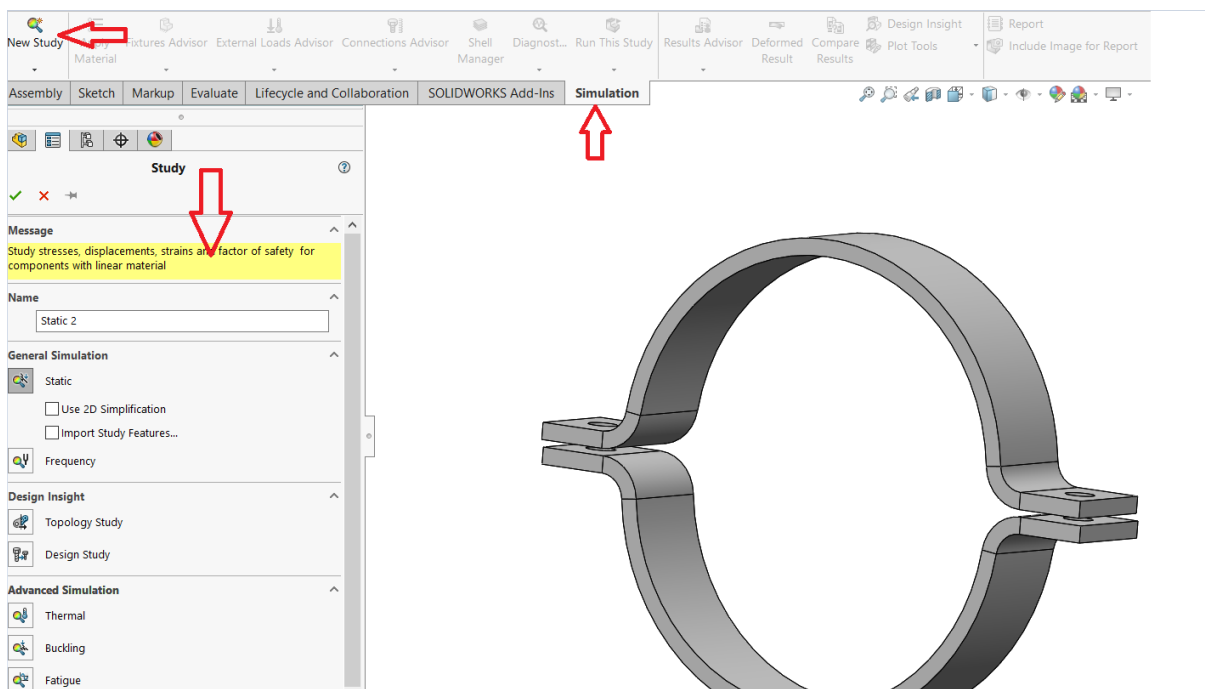


Step 3: Now Open the SOLIDWORKS CONNECTED and follow the prompts to activate the serial number.

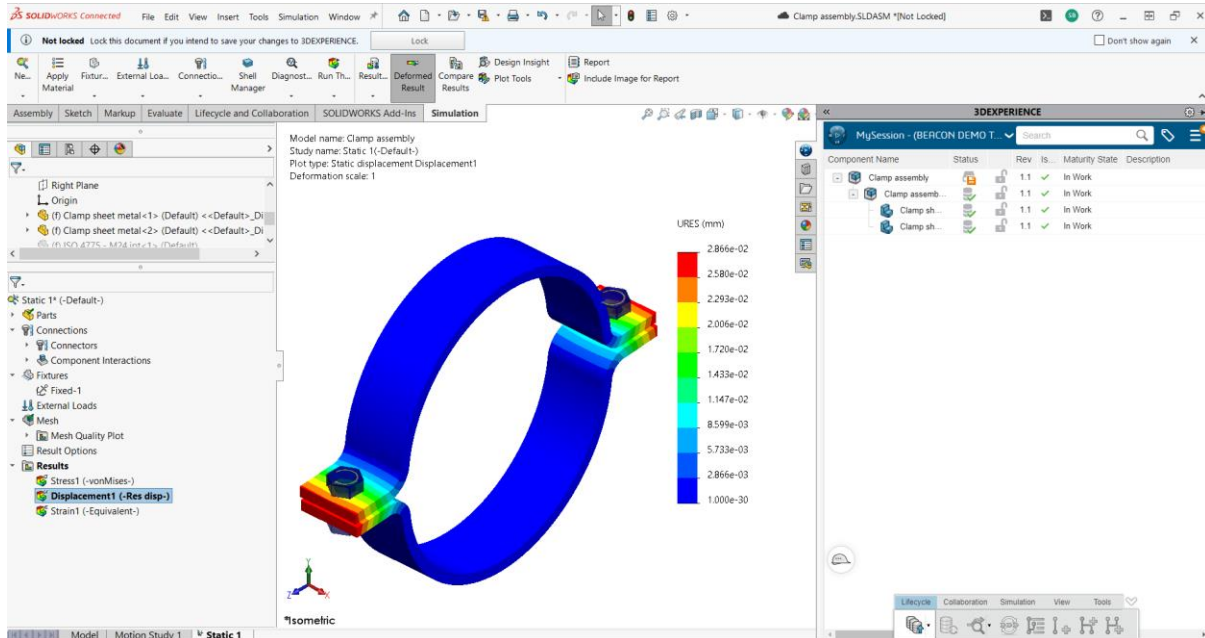
Step 4: Go to SOLIDWORKS Add-Ins and add SOLIDWORKS Simulation to work on simulation studies in SOLIDWORKS Connected as shown below.



Now we just need open the simulation tab to select the analysis type and perform the simulation within the GUI of SOLIDWORKS Connected.



Finally, after running the simulation, we can post process the results to plot different plots and contours and then the file can be saved in 3DEXPERIENCE Platform.



Thus, with latest updates in 3DEXPERIENCE from R2024x FD01, SOLIDWORKS Simulation user will be able to run SOLIDWORKS Simulation Standard, Professional, or Premium and SOLIDWORKS Motion seamlessly inside 3DEXPERIENCE SOLIDWORKS Standard, Professional or Premium roles.

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