

SIEMENS NX SOFTWARE INSTALLATION – for RUTGERS ENGINEERING

by Onur Bilgen, Rutgers NX WebKey Account Coordinator

Last Updated: May 23, 2018 (Please send me updates/corrections to these instructions.)

Applies to Baseline NX Version: 11.0.0 (Updated to 11.0.2)

Note for Newer Versions: The process below for newer versions (e.g. v12) will be similar. I recommend waiting for patches to come out before installing and using v12 (or any version that is recently released.)

Tested on Operating System: Windows 10 Pro 64-bit

NOTE: Log in as Administrator or use “Run as Administrator.” This will solve most issues!

A) Create a WebKey Account

- a) Go to https://www.plm.automation.siemens.com/en_us/support/gtac/
- b) Click “WebKey Account Management”
- c) Click “Create Account”, Select “Siemens PLM Standard WebKey Creation”
- d) Enter Sold-to-ID: See note below*
- e) Enter WebKey Access Code: See note below*
- f) Enter your information. You must use your “...@...rutgers.edu” address!

*NOTE: Send an email to Dr. Bilgen, o.bilgen (at) rutgers (dot) edu, to request “Sold-to-ID” and “WebKey Access Code.” Your email must be sent from your “rutgers.edu” address for authentication. Emails from other servers (i.e. Gmail) cannot be authenticated, therefore, will not receive the information.

B) Download Files (Need About 25GB Space to Download and Extract)

- a) Go to https://www.plm.automation.siemens.com/en_us/support/gtac/
- b) Click “Download and Upload Files” and login using your WebKey account
- c) Repeat the following steps for NX and NX Nastran (where applicable)

Click on “NX” and “Full Products”

- a) Choose Operating System
- b) Download Latest NX (i.e. [nx-11.0.0.zip](#)) (~4.5 GB)
- c) Optional: Under “Documentation” Download Documentation for the version above (i.e. [docs_help-11.0.0](#)) (~2 GB)
- d) Expert Users: Download any “add-ons” or “machinery library” you want

Click on “NX” and “Product Updates”

- e) Go to “Maintenance-Release\NX11\<Your Operating System>”
- f) Download Latest Update to NX (i.e. [nx-11.0.2.zip](#))
- g) Download Latest Update to Documentation (i.e. [docs_help-11.0.2.zip](#))
- h) Go to “Maintenance-Packs\NX11\<Your Operating System>”
- i) Download Latest Update to NX (i.e. [nx-11.0.2.mp02.zip](#))

Click on “NX Nastran” and “Full Products”

- j) Choose Version [11.0.2](#)
- k) Download Latest NX Nastran for your OS (i.e. [NXNastran11.0.2_Windows_r1.zip](#)) (~1 GB)

C) Install Software (Unzip each file above, install in the following order)

NOTE: Log in as Administrator or use “Run as Administrator” – This will solve most issues!

a) Install Base NX 11 Software

Go to the base NX folder ... \nx-11.0.0\

run “launch.exe” and follow screen instructions to “Install NX”

When prompted, enter license server name as

28000@engflex2.engr.rutgers.edu

[\(you can update this later\)](#)

b) Install Documentation (Optional) (Skip Installation if Java error occurs)

Go to Folder ... \docs_help-11.0.0\

Right-click on “Launch.exe” and choose “Run as Administrator”

First “Install Documentation Server”

Next, “Install Documentation”

c) Install Maintenance-Release for NX 11 (Required)

Go to Folder ... \nx-11.0.2\

Right-click on “Launch.exe” and choose “Run As Administrator”

choose “Install Update”

d) Install the Maintenance-Pack (Required)

Go to Folder ... \nx-11.0.2.mp02\

Right-click on “run_ugsupdate.exe” and choose “Run as Administrator”

NOTE: Before running the updates, please make sure that the environment variable %UGII_BASE_DIR% is set to the base directory of the NX 11 release. You can do this in Windows “Advanced System Settings” or via command line by: set UGII_BASE_DIR="C:\Program Files\Siemens\NX 11.0"

e) Install NX Nastran v11.0.2 Software

Go to the NX NASTRAN folder ... \NXNastran11.0.2_Windows_r1\ x64 \NXNastran \

Right-click on “setup.exe” and choose “Run as Administrator”

Follow screen instructions to “Install NX Nastran”

D) Connect to Rutgers Network (Either through wired LAN or VPN)

NOTE: If you are not on Rutgers Wired Network or connected via VPN, follow official Rutgers Guidelines or Contact OIT.

E) Setup Licensing

a) Go to Windows Start Menu

b) Run “Licensing Tool” under “Siemens NX 11”

c) Click on “Bundle Settings”

d) Select the available Bundle(s) and move it to the right (to Applied Bundles)

Note: If you do not see available bundles, either you are not on the Rutgers network or the license server is down.

F) Run Software