NX Learning Edition

This is meant as a guide to purchasing and installing NX Learning Edition, and should help to de-mystify the process. The process is:

- Software is purchased from a vendor of software for students. This will require:

    - Providing proof you are eligible for the Learning Edition

    - Providing your Host ID or MAC address so they can enter the order with Siemens PLM Software

- Siemens PLM Software will then

    - E-Mail you your Web-key Access code and License File

- Access the support.ugs.com web page

    - Use the Web-key Access code to create a Web-key account

- Download the software

- Install on your system using the provided license file.

The process is not too difficult, but there are stumbling blocks along the way, and this guide is meant to prevent you from falling into them.   It is a step by step guide to lead you through the process sequentially.

Purchasing the software.

The software runs only on Windows 64 machines. This guide will cover the installation process for Windows.

Most of the communication about your order will be done via e-mail. Make sure to provide a valid account, and make sure to check your spam folder for any communications that may have gone astray.

Providing proof of academic standing

After you order the software, you will be requested to provide proof of academic standing.

Providing your host ID

Validating your proof of academic status usually takes a couple of days. Once that is done, you will get a second e-mail requesting your host ID. This is an extremely important step. The host ID you provide must come from the system on which you will run the software. The license file that allows you to run the software will be tied to this host ID. If you get it wrong, the software will fail with a licensing error.

** Please supply the "Host/Server" id from the computer that the license will be installed on. Once we receive this we will be able to send out your order.

Finding your Host ID – If you have TCP/IP installed, run ipconfig/all from a Command Prompt window. Click Start, then Run, then type cmd in the text box.
Type in ipconfig/all in the Command Prompt Window. The 12 –digit Physical Address for your Ethernet Local Area Connection is the same as the host ID.

How do I find my host ID?

When finding your host ID, you will have several different Ethernet adapters shown. On all systems you should use the one listed for your Local Area Connection, and not the wireless or other adapters. Below is an example of finding your host id on a Windows system:

Click **Start**, then **Run**, then type cmd in the text box. On Windows 7, type cmd in the search box. This will start a DOS Command Prompt window.
Type in:
   ipconfig /all
The 12-digit Physical Address is your MAC address.
Below is an example picture of what you will see after the **ipconfig/all** command is entered. For this example, the MAC address is 00-06-5B-15-04-B4. Note that this is an example only, the output on your system will be different.

> You should provide the physical address that is under the Ethernet adapter for your Local Area Connection.

Once you have determined your host id you must e-mail or fax it back to the software vendor as requested.

Siemens PLM contact

Siemens PLM will then process your order and add you as a customer, using your host ID to generate a license file for the software. The NX Learning Edition is only available via download. The download is quite large (3.0GB for the software). Make sure you are on a direct connection to the Ethernet and not a wireless connection when you try and download. Also choose the fastest connection you can.

Siemens PLM will send you an e-mail that has your license file as an attachment. You must save this attachment as a file on your system. Remember where the file is, you will have to browse to it during the installation of the software. Also provided in the e-mail will be your Sold-to ID and webkey access code. This is what will be used to create a webkey account so that you can download the software. The mail from Siemens PLM will look like the following:

From: ****@siemens.com

Subject: Siemens LF: Sold-To ***** : Contact "Your name"

>Siemens License File for Sold-To/Install **** WebKey Access Code: ***********

>

>The attached file licenses the following product lines associated with the designated Sold-To/Install.

>

>This license file has been generated and automatically emailed to you as the result of a new order.

>

>This is a Learning Edition License file for the NX product from Siemens
>PLM Software. This product is available through download from the
>support (GTAC) website at http://www.siemens.com/********. The tools
>available at http://www.siemens.com/*** with this license are
>the creation of a WebKey Account and the ability to download the software.

>

>Your WebKey account is your personal, single point of authentication
>that allows you to login and access your download services. If you do
>not have a WebKey Account, select the WebKey Icon (from
>http://www.siemens.com/******) to initiate an account request.
>You will need to provide your Sold-To/Install ID and the WebKey Access
>Code (located at the top of your License File) to create your WebKey account.

>

>Once you have your WebKey Account, you can select the Download & Upload
>icon to download your software. The WebKey and The Download/Upload
>icons are the only support areas to which you will be granted access.
>Telephone support will not be provided with the purchase of a Learning Edition License.

Creating a Webkey user account

A webkey user account must be created in order to download the software. You can create that account here:

https://plmapps.industrysoftware.automation.siemens.com/webkey/both_step2.jsp?product=ANY

and entering your Sold-to ID and Webkey access code from the e-mail sent to you by Siemens.

Downloading the software

The software is a large download. It is important that you download on the fastest connection available, do not try to download the software using wireless access. You can also use a download manager, we recommend [DownThemAll](#) for FireFox or [GetRight](#) for Internet Explorer.

Downloading the software

Once you have a webkey user account, you can re-access the download site as often as necessary from:

http://support.industrysoftware.automation.siemens.com/gtac.shtml

From there you want to select download files which will then require the username/password for your Webkey user account:

Once logged in with your Webkey user ID and Password, you will see the Learning Edition as a product option:


Click on the grey NX Learning Edition tab, and then expand the Windows section. Then click on the file to download which will start the download). The file containing the software is:

 NX 11.0 Learning Edition.zip.

Extracting the installation files

Start Windows explorer, and browse to the directory where your downloaded zip files are located. Once there, double click on the Learning Edition files, and select Extract, and then Extract All:
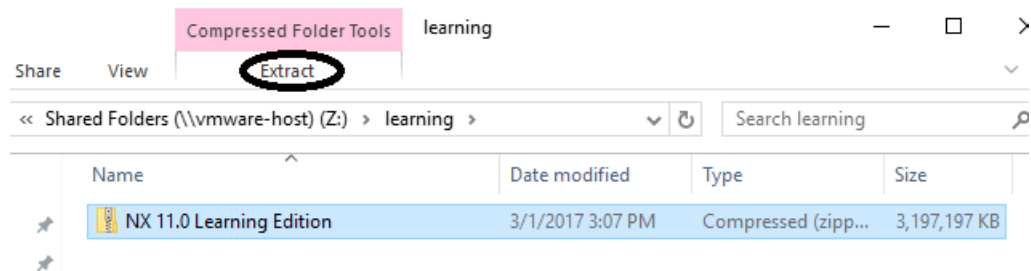
Installing Learning Edition and Documentation

Installing NX Learning Edition

Start windows explorer and browse to the folder where you extracted NX Learning Edition, and double click on the Setup.exe to start the installation process:
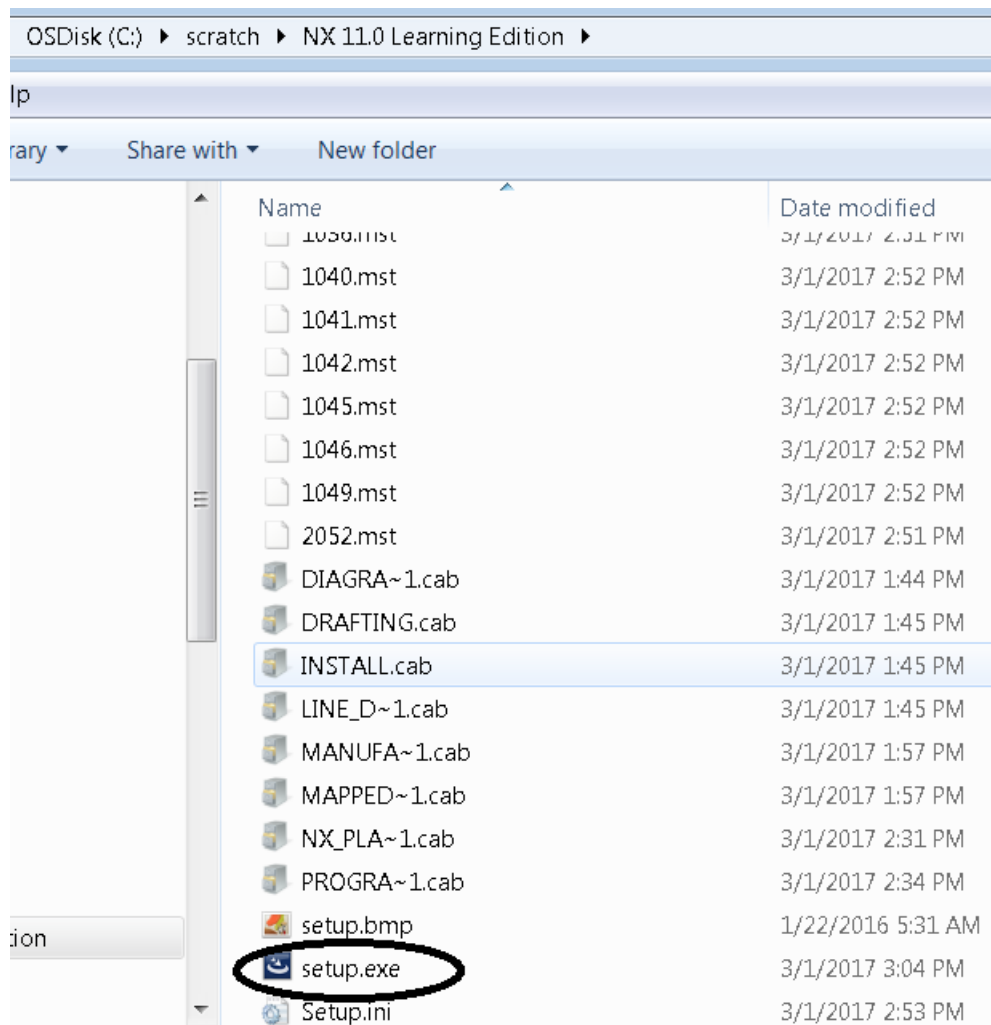

This will start the installation process. The screens during the installation are mostly straight forward. Accept the licensing agreement and use the typical setup type. This will bring you to the licensing screen:
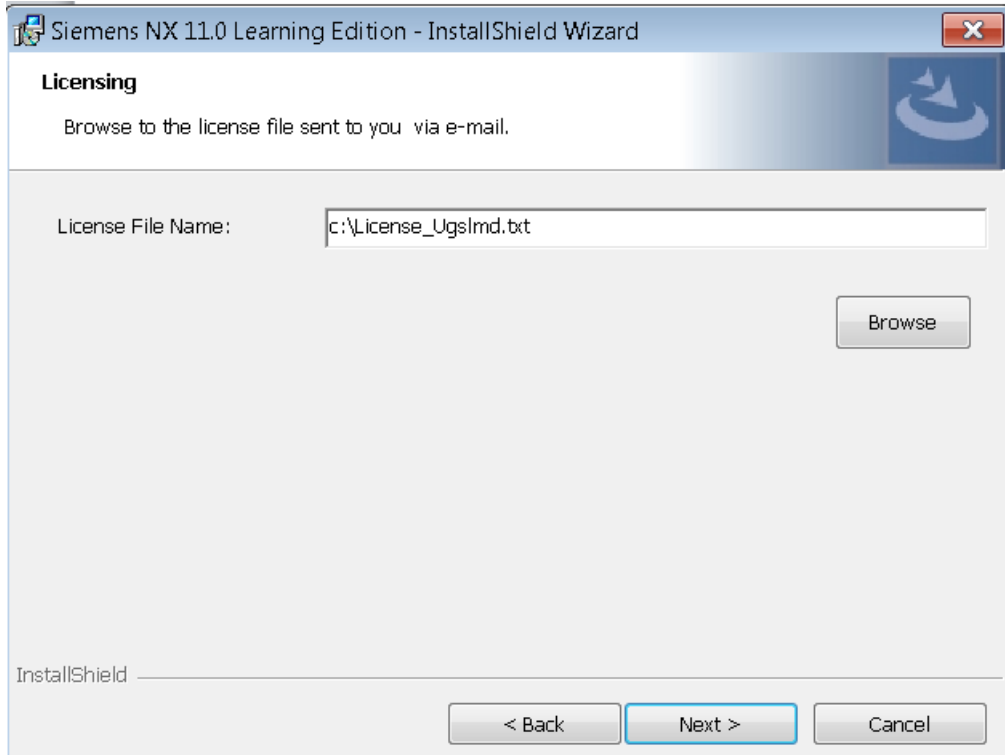
Here, it is extremely important that you select browse and then browse to the license file sent to you in the e-mail from Siemens that you saved earlier in the process, and select that file. This is what licenses the software, and if not done properly the software will not run.
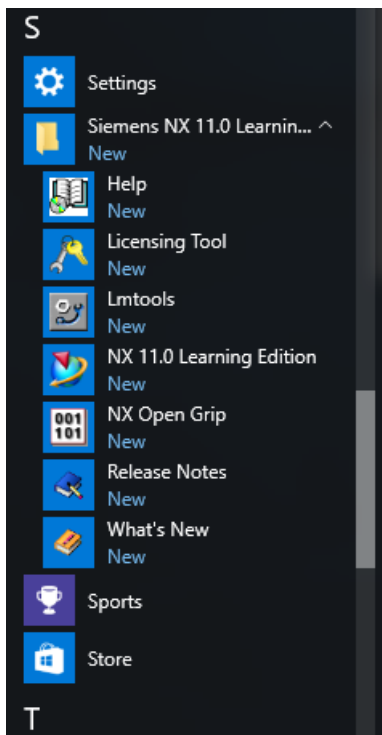
Starting NX Learning Edition

On Windows 7, NX 11.0 Learning Edition is found on your start menu as shown below.
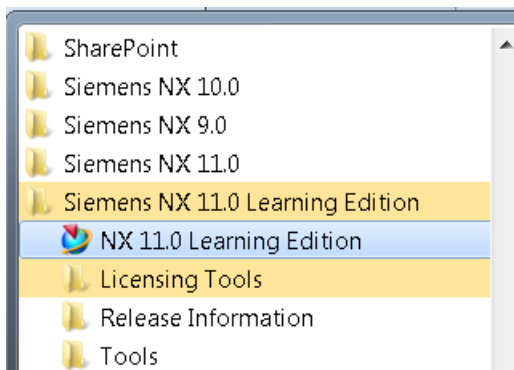
For Windows 8, NX 11.0 Learning Edition will be found in the Apps View by searching for NX:
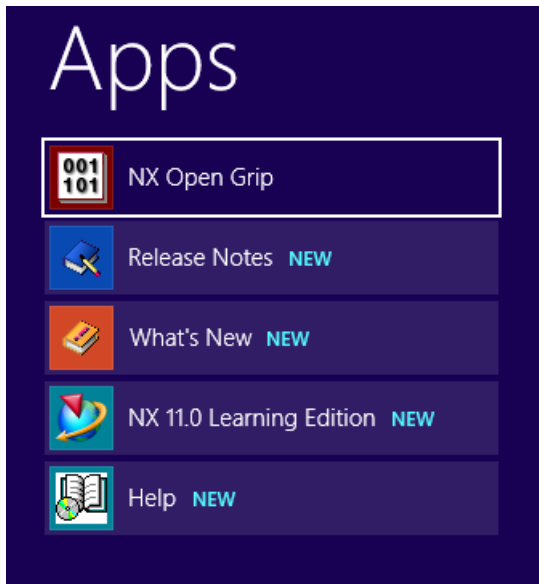
On Windows 10, under All Apps you will find Siemens NX 11.0 Learning Edition:

Documentation

Documentation shortcuts are available from the Start Menu as well as under Help inside of NX. These will access the documentation from the Siemens Documentation Server.

Summary

At this point you have installed NX 11.0 Learning Edition. You will have options on your Start menu to start up NX or the documentation, and you can also start the documentation from inside of NX.

Version Support

Your NX Learning Edition license file is version specific. Each license file will support the current release and also any earlier release. The license file will not support later versions. So for example an NX Learning Edition 9.0 license file will not work to run NX Learning Edition 10.0. However an NX Learning Edition 10.0 license file will work to run NX Learning Edition 9.0. This information is contained in your license file on the FEATURE line:

```
#####################################################################################
►FEATURE assemblies ugslmd 30.0 31-jan-2016 uncounted \
        HOSTID=ec35863290f2 ck=197 SIGN="068B 404F 4848 EEE7 B9C6 EE78 \
        74B8 14C2 F257 AEEE 6D10 70D4 BFED 8734 284E 1F29 1532 0357 \
        C08D E199 CBD5 E    68BF C0B7 243F 7A32 CED4 78D6 701E 0B84"
FEATURE cam_base ugslm   30.0  1-jan-2016 uncounted \
        HOSTID=ec35863    f2  =212 SIGN="1D39 12FA 1053 B18B 80FD 14E9 \
        FF07 B775 FECD BFC3 08BE 7CCF 9C6F 8F76 83E8 0E0C 5BF6 ED8A \
        F000 EC21 B0FA 02DD C9BD 8580 84B9 C97E ADEF 424E 0FAC E2C0"
FEATURE cam_facets ugslmd 30.0 31-jan-2016 uncounted \
        HOSTID=ec35863290f2 ck=178 SIGN="1441 DA00 9324 9AE7 C322 2F4A \
        D979 9910 1969 6448 8018 EF56 12CA 1DEE 6336 196D FCE9 03EA \
        BE67 5404 EADA 9146 AED8 0D78 F77B A5C9 846A 3035 F10C 15EB"
FEATURE  c      illi    l  d 30 0 31 j   2016          \
```

The number following ugslmd specifies the version of NX:

        28.0 – NX 8.5
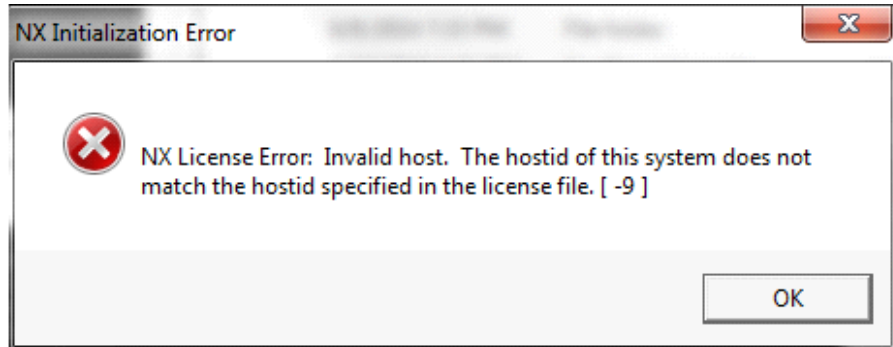
        29.0 – NX 9.0

        30.0 - NX 10.0

   31.0 – NX 11.0

Trouble Shooting

The most common source of problems is that the Host ID supplied to create your license file does not match the actual Host ID that licensing is using on your system. In this case you will get an error on startup like:
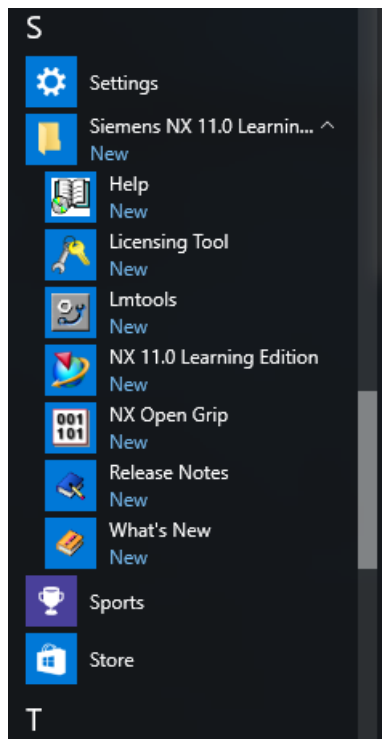

You can check your Host ID now that the software is installed by executing the Licensing Tool from the Windows 8 Apps screen, by searching for licensing:
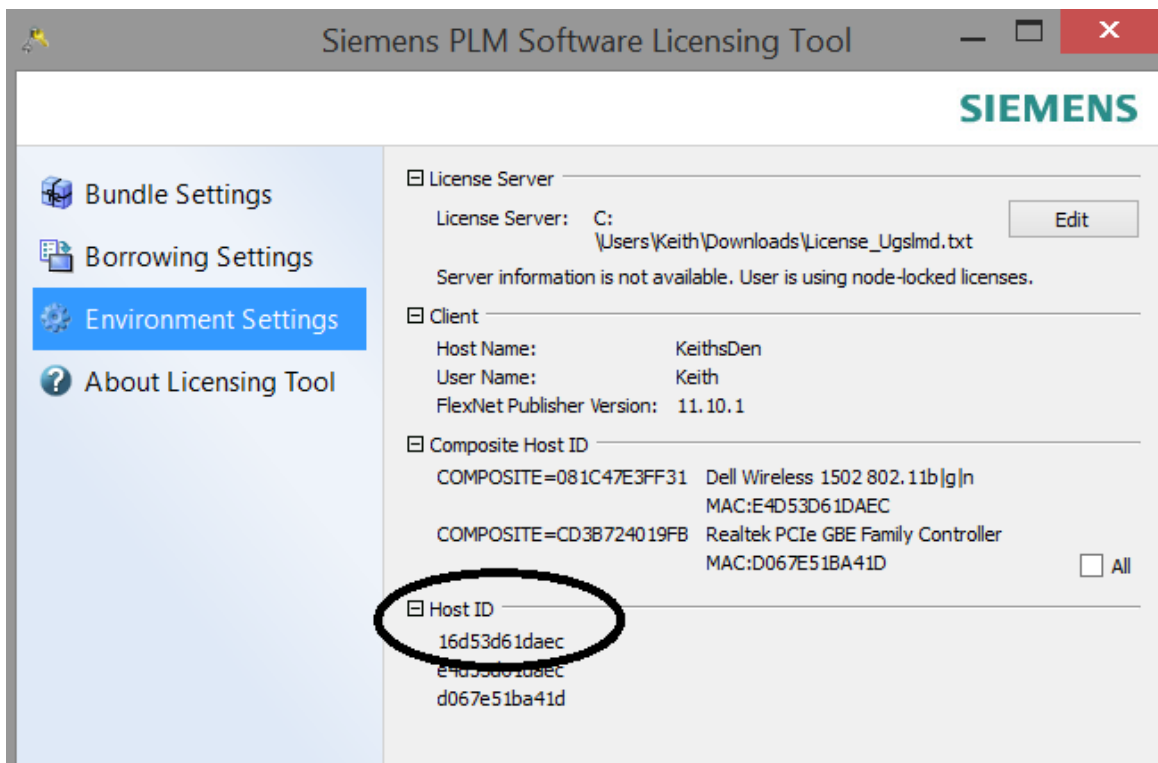

u
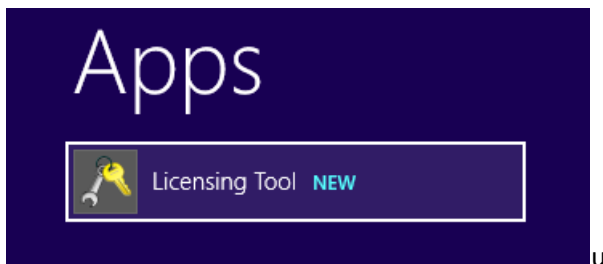
from the Windows 7 Start menu:
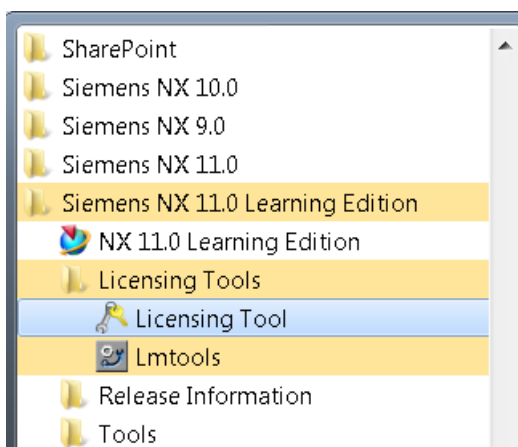
or from the Windows 10 Start Menu:

On this system, the Ethernet local area adapter is circled. Any one of the host ID's displayed here will work for licensing the software. One of these should match the HOSTID on your license file:

Community

There are discussion groups available at www.siemens.com/plm/community   Under the Academic Community you will find an Academic Discussion Forum. There is also an FAQ on NX Learning Edition:

https://community.plm.automation.siemens.com/t5/NX-Student-Forum/Trouble-Licensing-NX-Learning-Edition-AKA-NX-Student-Edition/td-p/291267