

# Update Procedure von NX/Schematics / NX/Routing

## How to Update the Software

### **NX Schematics**

*Enabling Physical Design from Logical Design*

### **NX Schematics - Routing Interface**

*Direct Routing Interface*



*Cad-OasEs Int. GmbH*  
*www.oases.ch*

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## Introduction:

The NX/Schematics and NX/Schematics Elec & Mech Software Update is probably the easiest Update in the whole Siemens Product Portfolio.

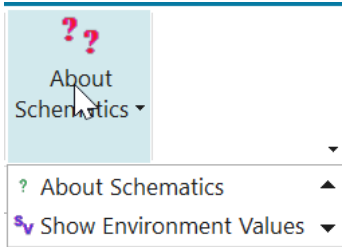
1. There is no need to Install anything
2. If you want to script the Update you can do so
3. The easiest way is, to just copy 2 directories and check the base config file for new entries.
4. There are always new Software Packages without you getting informed
5. The Software is not available under the official Siemens download page, because Siemens does not allow it to be there for many years.

## Get the latest Software:

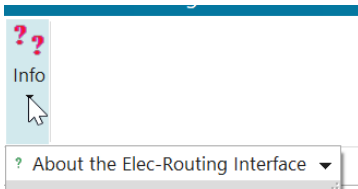
Check for the latest installed version:

Firstly, you need to check, which Version you have installed

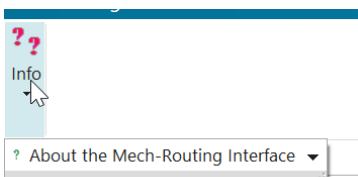
In NX/Schematics check here



In NX/Schematics/Routing Electrical check here



In NX/Schematics/Routing Mechanical check here



Download Site:

There will be always a Site (not with Siemens) where you can download the latest Software Package.

At the Moment this is under the following link.

<https://www.oases.ch>

Menu: NX-Schematics & NX-Routing

Die letzte Version / The last Version  
Schematics 10.79.06/13.02.2024  
Elec-Routing Interface 12.E4.36/14.02.2024  
Mech-Routing Interface M2.34/10.12.2022

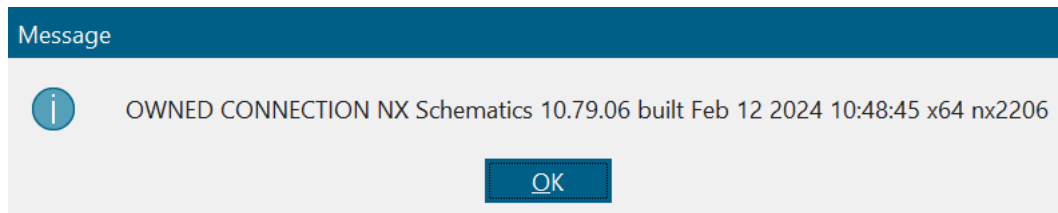
Hier erhalten Sie die letzten Versionen! German English

Here you get the latest Versions!

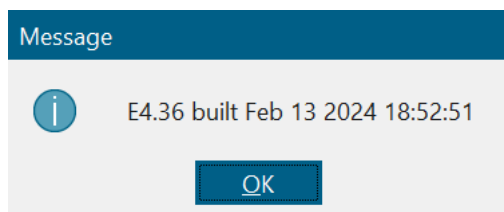


Compare Versions:

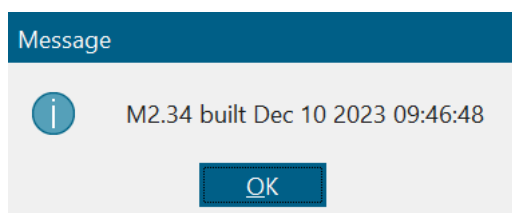
Latest Installed NX/Schematics Version.



Latest Installed NX/Schematics – NX/Routing Electrical Version.



Latest Installed NX/Schematics – NX/Routing Mechanical Version.



Compare this with the latest Version available for download

Die letzte Version / The last Version  
Schematics 10.79.06/13.02.2024  
Elec-Routing Interface 12.E4.36/14.02.2024  
Mech-Routing Interface M2.34/10.12.2022

If you have an older Version Installed, then go to the download site and download the latest version based on your installed NX version.

### NX-Schematic Update English

NX-Schematics Updates.

Here you will find the latest release of NX-Schematics.

Update:


1. Transfer all new or not existing Files to your installation.
2. Replace the whole directories sch10\_nx and sch11\_nx
2. Compare the ugs\_metric.dat with yours and transfer all new entries.

Base Software:































sch10\_nx... = NX-Schematics  
sch11\_nx... = NX-Routing Interface

- NX9 ( No longer supported )
- NX10 ( No longer supported )
- NX11 ( No longer supported )
- NX12
- NX1847
- NX1872
- NX1899
- NX1926
- NX1953
- NX1980
- NX2007
- NX2206
- NX2212
- NX2306
- NX2312

After the download you will get a zip file.



 UGSCHEMATICS\_NX2206.zip

Unzip this file ns you will get the lasted "full" Version.

 cfg	27.07.2022 08:39	File folder	
 sch10_nx2206	14.02.2024 13:38	File folder	
 sch11_nx2206	14.02.2024 13:38	File folder	
 ugsdata	08.08.2022 13:33	File folder	
 assign_attribute_for_none_formboard_parts.vb	27.02.2020 09:27	VB File	63 KB
 license.txt	07.03.2002 12:50	TXT File	1 KB
 ltx_import_file.bat	27.10.2018 20:06	Windows Batch File	1 KB
 ltxdel.exe	15.03.2004 16:41	Application	169 KB
 README.TXT	13.02.2006 11:01	TXT File	1 KB
 schematics.lic	16.01.2022 21:07	LIC File	1 KB
 schrpt.exe	25.11.2001 16:19	Application	225 KB
 ugs_connpttypes.dat	17.12.2002 22:11	DAT File	1 KB
 ugs_conntypes.dat	16.11.1999 15:57	DAT File	1 KB
 ugs_english.dat	22.09.2022 10:54	DAT File	32 KB
 ugs_grid.grx	21.09.2001 13:31	GRX File	1 KB
 ugs_grid_english.dat	18.04.2011 09:36	DAT File	1 KB
 ugs_grid_metric.dat	06.01.2021 19:38	DAT File	1 KB
 ugs_limits.dat	07.06.1999 12:12	DAT File	1 KB
 ugs_metric.dat	14.02.2024 13:33	DAT File	43 KB
 ugs_offpage.dat	07.01.1999 09:28	DAT File	1 KB
 ugs_offpage_english.dat	13.01.2017 11:23	DAT File	1 KB
 ugs_offpage_metric.dat	30.08.2018 12:37	DAT File	1 KB
 ugs_shieldsymbol.dat	16.05.2020 08:18	DAT File	1 KB
 ugs_unique.dat	26.10.2009 17:30	DAT File	1 KB
 ugsch_offpart_types.dat	27.06.2001 14:43	DAT File	1 KB
 unins000.dat	12.01.2021 18:54	DAT File	103 KB
 unins000.exe	12.01.2021 18:53	Application	714 KB
 updcust.exe	17.08.2016 12:32	Application	521 KB
 wire_size_check.dat	22.11.2018 11:00	DAT File	1 KB
 wtk.dat	01.08.2000 16:55	DAT File	2 KB

The only things you need for an Update are.



These two directories

-  sch10\_nx2206
-  sch11\_nx2206

sch10\_nx2206 = Schematics Software

sch11\_nx2206 = Electrical & Mechanical Software

and the base config File

-  ugs\_metric.dat
-  ugs\_english.dat

Metric = Metric Installation

English = Imperial (Inch / English) Installation

## Update the existing Installation:

You existing Installation has a UGSCHEMATIC Directory (either centrally organized and synchronized or on the local PC)

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### UGSCHEMATICS

---

sch10\_nx2206

sch11\_nx2206

Make sure that none of the \*.dll are blocked from a running system.  
Make sure that none of the directories are blocked by a user od system.

Then copy the two directories sch10\_\* and sch11\_\* from the latest version and past them over the two directories from the existing installation (overwrite all)

## Compare the base config files:

Use a compare Software to compare your existing ugs\_metric.dat or ugs\_english.dat with the file from the latest software you downloaded.

Add all new variables to it (they are normally at the end) and define the setting for your environment. If there are no new attributes, just use the existing file.

## Update done:

Now you are finished with the Update. Normally an update takes about 15 Minutes.

## Change to a new NX Version:

A change from an old NX Version to a new NX Version starts with

1. Copy the existing (old NX Version) UGSCHEMATICS Directory to the place you want it at the New NX Version.
2. Then follow the procure from " Get the latest Software "
3. Done

Customer specific startup settings:

The minimum variables you need to set are

```
set LTX_BASE_DIR=%UGII_BASE_DIR%\UGSCHEMATICS
set LTX_CONFIG_FILE=%LTX_BASE_DIR%\ugs_metric.dat
```

If you use a variable in your library or menu setting, like some customers do

e.g. \$UG\_SCHEMATICS\_LIB

```
NAME "01 Pin PCB Connection"
PREVIEW_ICONPATH "$UG_SCHEMATICS_LIB\bitmaps\pcb_connection_01.bmp"
PART "$UG_SCHEMATICS_LIB\parts\1_pin_connection_01.prt"
#
```

Then you also have to set this variable in your start script.