



DIGITAL INDUSTRIES SOFTWARE

What's new in NX Industrial Electrical Design 2212

Using multidisciplinary collaboration to improve quality and reduce engineering time

Benefits

- Reduce engineering change cycles to deliver faster time-to-market
- Use multidisciplinary collaboration to improve quality and reduce engineering time
- Increase consistency with a single electrical data model
- Support modularization and standards with modular, functional design of equipment
- Embrace re-use to reduce smart electrical engineering efforts
- Reduce ownership and IT maintenance costs by using out-of-the-box software

Summary

NX™ Industrial Electrical Design software provides you with a central application for industrial, electrical and automation design. This enables production system manufacturers to manage design complexity, shorten development lifecycles and increase the quality of their designs. Integrating NX Industrial Electrical Design with Teamcenter® software for product lifecycle management (PLM) and the entire NX design software portfolio provides you with a unified multidisciplinary design environment for production systems engineering.

NX and Teamcenter are part of the Siemens Xcelerator portfolio, the comprehensive and integrated portfolio of software, hardware and services.

Highlights of the new release include the ability to create:

1. Product data 2D symbols with EPLAN® Electric P8 Data Archive Zipped

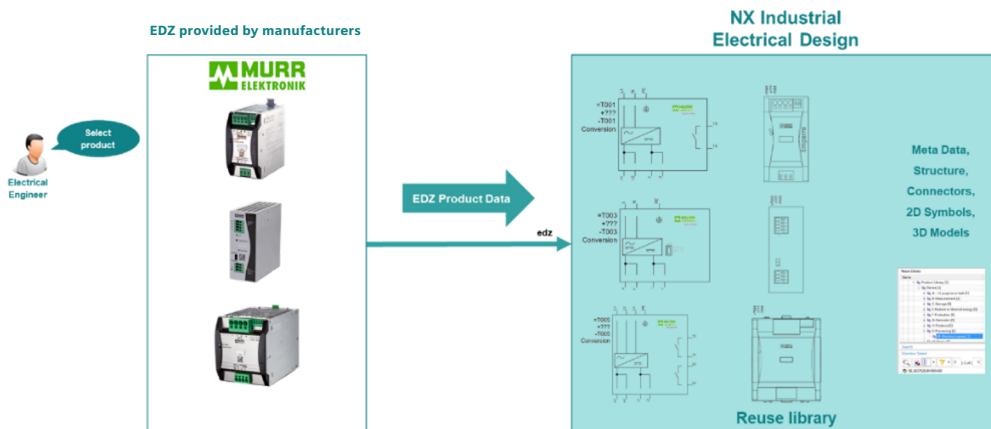
File (EDZ) import: Product data in the EDZ format can be imported into the product library, including properties, structure, connectors and now 2D symbols.

- 2. Customer reports in an unmanaged version:** The user has the ability to create customer reports in addition to standard reports to support manufacturing.
- 3. 3D cabinet design in an unmanaged version:** The existing 3D cabinet design capabilities are now available in the unmanaged version.
- 4. Multidisciplinary transparency:** The user is now able to bring properties of electrical engineering objects to mechanical assemblies in Teamcenter.

The release of NX Industrial Electrical Design 2212 provides new capabilities for efficient electrical engineering of industrial equipment.

Creating product data 2D symbols with EDZ import

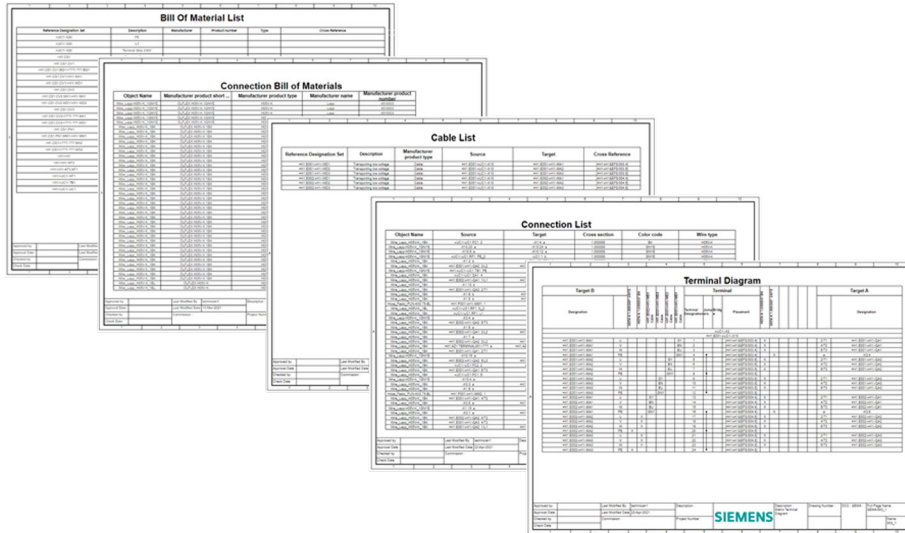
Getting started with electrical design can be a slow process because you must gather product information for off-the-shelf components. Using the latest release of NX Industrial Electrical Design significantly expands your access to existing product data and speeds up creating the product library so you can get started faster with electrical design.



You can use the EPLAN EDZ format to import product data into the product library, including properties, structure, connectors and 2D symbols. The 2D symbols for the different representations (multi-line electrical schematic, 2D cabinet layout) are imported. The EDZ import extension significantly reduces the effort needed to create new products and improve access to vendor-neutral formats.

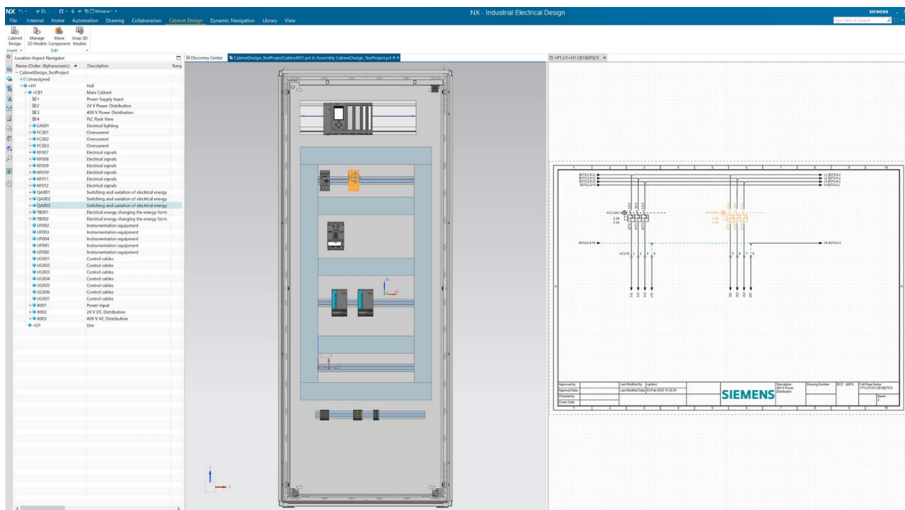
Creating customer reports in an unmanaged version

Small- and medium-sized business (SMB) customers need easy and fast access to electrical engineering capabilities without all the PLM capabilities. The new release provides the existing capabilities to create customer reports in the unmanaged version.



3D cabinet design in unmanaged version

The new release also provides the existing capabilities to create 3D cabinet design layouts in the unmanaged version.



Multidisciplinary transparency

NX Industrial Electrical Design now can be used to write values of electrical properties back to the mechanical or system design assembly. This increases the transparency of the overall engineering and brings multidisciplinary engineering to the next level.

Synced properties are configured in Teamcenter preference. No customization is required when using the NX Industrial Electrical Design Teamcenter feature.

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For additional numbers, click [here](#).