

■ primtech – CAD / CAE Data Exchange for High-Voltage Switchgear

Data exchange is a very important feature in the planning and design process of high voltage substations. Primtech offers functions for all common scenarios.

DWG, DXF, DGN

Because primtech uses AutoCAD, the standard DWG and DXF data formats are available for data exchange. Since the AutoCAD 2008 version, the MicroStation DGN format has also been supported.

Native 2D Export

Your customers often only require 2D drawings of a switchgear that is planned in 3D. To meet this requirement primtech provides a tool for converting 3D switchgear designs into a native, structured AutoCAD 2D file.



Native 3D Export

The 3D export function generates a native 3D AutoCAD model out of primtech. Xref structures are resolved, and company-specific component information is removed. The 3D model of your high voltage switchgear construction is created in an export folder.

Export and Reimport of Plant Models

You can export a complete substation model, together with all the geometrical and meta-data. The exported model can be imported by another primtech user, and contains all the data required for further processing. After your switchyard has been modified externally, the model can be reimported without any problems.

PDF, TIFF

Primtech also offers comprehensive functions for fast, automated creation of your drawings in PDF and TIFF formats.



<http://www.primtech.com>