



Data Exchange & Conversion

Data exchange provides interfaces to 3rd-party engineering and CAD software.

Build-in tools to convert legacy power system analysis software and automatically generate a multi-layered graphical one-line diagram.

Increase productivity using data exchange tools for standard or proprietary formats.

Convert & Import from Legacy Software Autodesk Revit®

ETAP offers conversion tools from other power system analysis software that will automatically generate a multi-layered graphical One-Line diagram in conjunction with the electrical data and associated TCC studies where possible.

Built-in conversion tools:

- SKM Power*Tools
 - Dapper / Captor PTW32 (AC & DC systems)
- ESA EasyPower (supports MCC Loads)
- Siemens PSS E
- CYME Geo-referenced & Schematic View
- Milsoft WindMil Map
- ANAFAS - Analysis of Simultaneous Faults
- Power Analytics / EDSA

Other available conversion programs:

- DigSilent PowerFactory
- Neplan
- DCSDM

Simplify design, reduce cost, and validate Revit Electrical BIM with ETAP using enhanced time-saving data exchange features and analysis capabilities.

- Validate Revit Electrical BIM with ETAP
- Direct bi-directional communication
- Intelligent default auto mapping & interface
- Export simulation results
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Microsoft® Excel

- Bi-directional Excel data exchange
- Map Excel worksheets to ETAP elements
- Perform consistency checks during data exchange
- Substitute incomplete data with defaults & library data

MultiSpeak™

- Import & export power system data
- User-defined mapping of elements & properties
- Supports MultiSpeak v3.0 & v4.0

Common Information Model - CIM

- Import & export data from ETAP using CIM XML
- User-defined mapping of elements & properties
- IEC 61970 & IEC 61968 standards

ESRI ArcGIS™ Interface

The interface automatically converts ArcGIS models into an ETAP Distribution View.

- Auto-Incremental Import
- ArcGIS ETAP Universal Mapping
- Auto population of ESRI data to ETAP element properties