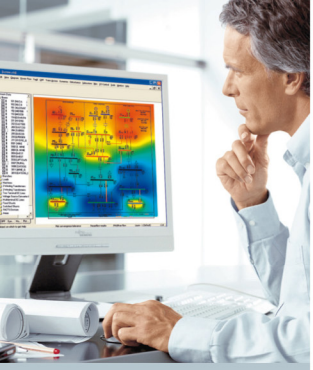

PSS®SINCAL

User Interface

The Universal Network Planning System

PSS®SINCAL offers a state-of-the-art full range network analysis software solution to greatly facilitate all the network planning tasks.

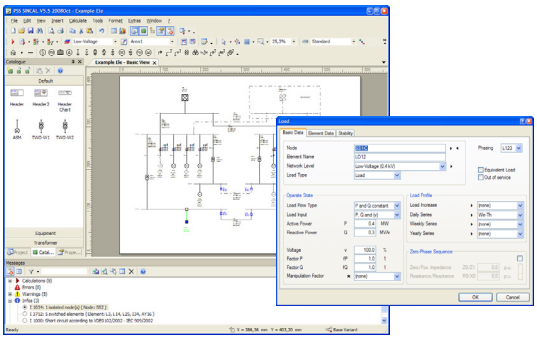

Figure 1: PSS®SINCAL user interface

PSS®SINCAL can handle the planning and analysis for both electrical and pipe networks. This makes it an optimal solution for both industry and utilities.

The modular and fully integrated structure of PSS®SINCAL allows for a high level of customization according to your individual needs. You can choose from a wide range of different modules and flexible license types.

User Interface

PSS®SINCAL offers a flexible and modern user interface. Years of experience have been invested in creating an interface that can provide the user the best possible support when creating, processing and evaluating networks.

PSS®SINCAL's user-friendly interface and highly specialized simulation methods let you find the optimal network variant quickly and easily.

The important functional characteristics of the user interface are:

- The possibility of editing geographic and schematic networks of all sizes
- The flexibility to display input data and calculation results directly in the network graphics, as diagrams, in data screen forms, tables and reports
- An unlimited number of geographic and schematic views for individual networks
- Simultaneous processing of multiple networks and organization into individual projects
- Individual catalogs for network elements and network components
- Optimally organized screen forms for entering data
- Comprehensive visualization and evaluation functions
- A clearly arranged message system
- Comprehensive automation functions for the user interface and the simulation methods
- The highest-quality graphics and integration of OLE objects, making this interface highly suitable for network documentation
- A flexible report system based on Crystal Reports
- Comprehensive import and export functions
- Simple data exchange with other Windows applications, using copy and paste
- Smooth connection to relational database systems for data storage and exchange

Graphics Editor

The Graphics Editor is used to create the network diagram. The network diagram is the geographic and/or schematic network layout, with its input and output data.

The Graphics Editor has a wide range of functions for entering, editing and formatting network elements. You can even create a number of different views for a network, each with completely separate graphics.

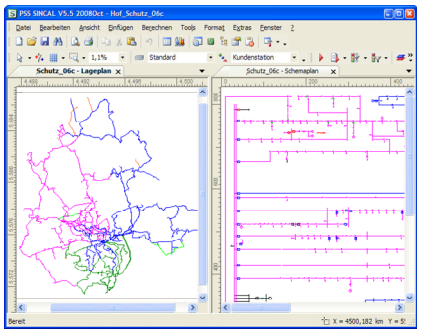

Figure 2: Geographic and schematic network view

Each network has different support windows, such as the network browser, properties, catalogs or messages, to simplify working with each of these tasks.

Tabular View

The input data and results for network elements can be displayed both in the Graphics Editor and in Tabular View.

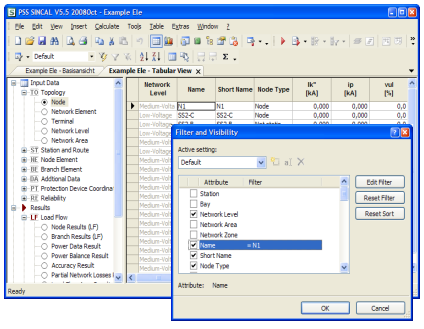

Figure 3: Tabular View with Filter dialog box

Tabular View lets you clearly display all input and output data. Integrated search, filter and sort functions let you make evaluations quickly and easily.

Diagrams

PSS®SINCAL has a number of predefined diagram types to display the results in a clearly arranged manner.

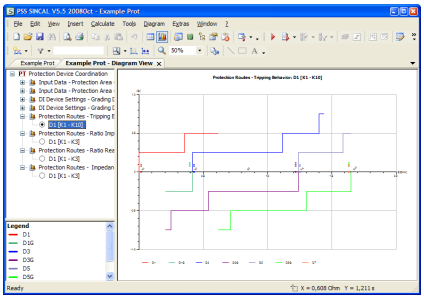

Figure 4: Protection route diagram

The diagram contains various working functions to analyze, format and edit displayed data.

Reports

PSS®SINCAL has a universal report interface based on the standard reporting tool "Crystal Reports". PSS®SINCAL features several report templates to help you easily organize input data and calculation results. An additional special feature is that you can include reports you created yourself in the program user interface.

To a great degree, the scope and the graphic preparation of reports can be individually customized.

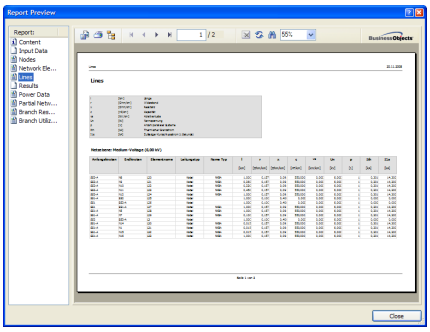

Figure 5: Report preview for node voltage

System Requirements

The following is a list of requirements for using PSS®SINCAL.

Recommended Hardware:

- PC or Notebook
- CPU: ≥ 2 GHz (MultiCore), RAM: 4 GB
- Hard disk: ≥ 20 GB
- Graphics card ≥ 1280 x 1024 Pixel, True Color

Operating Systems Supported:

- Windows XP (x86) with Service Pack 3, Windows Vista (x86) with Service Pack 2, Windows 7 (x86 & x64)
- Windows Server 2003 (x86) with Service Pack 2, Windows Server 2008 R2 (x86 & x64)

Database Systems Supported:

- Access 2003, Access 2007, Access 2010
- Oracle 9i, Oracle 10g, Oracle 11g
- SQL Server Express, SQL Server Express R2, SQL Server 2008, SQL Server 2008 R2

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