Integrated Power System Analysis Software

Generation•Transmission•Distribution•Industrial

PowerFactory integrates a multi-user database featuring user accounting, data sharing as well as flexible assignment of access rights. Through the integrated ODBC driver PowerFactory directly operates MS Access or ORACLE enabling the perfect integration with any other database application. With the platform independent RPC interface, any PowerFactory function can be remote-controlled.

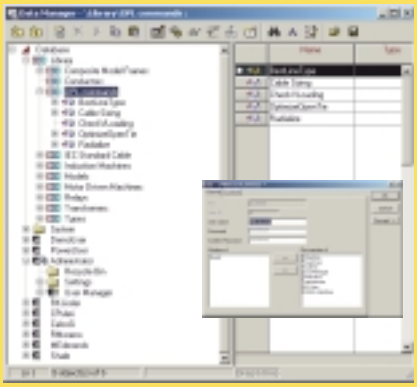
Database & Integration

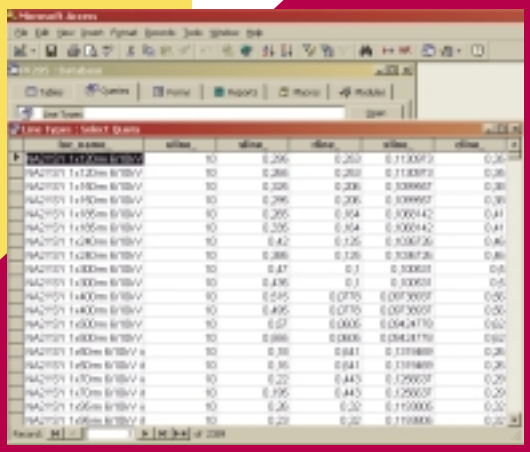
DIgSILENT

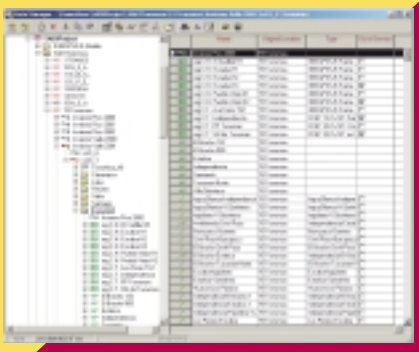
PowerFactory

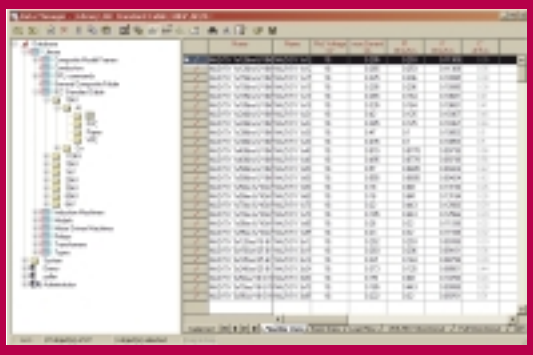
Power System Planning, Analysis and Optimization for Windows

DIgSILENT GmbH
Heinrich-Hertz-Straße 9
D-72810 Gomaringen
Phone: +49 7072 9168-0
Fax: +49 7072 9168-88
http://www.digsilent.de
E-mail: mail@digsilent.de









Multi-User Database

- Working with company wide component libraries
- Data sharing
- User administration
- Definition of access rights
- Support of user groups
- Integrated system stage management
- Fast ODBC driver for Oracle and MS Access
- Database access via TCP/IP
- Direct GIS or DMS data integration via SQL

Engine Mode

- Remote control via platform independent RPC protocol
- All PowerFactory functions available
- Built-in automation interface (DPL)

Special Feature

- Terminal server operation fully supported!

Supported PowerFactory Functions:
.... balanced and unbalanced power flow, fault analysis, harmonics, frequency scans, stability, EMT simulation for three-, two- and single phase AC systems and DC systems; protection simulation and co-ordination, distribution-, transmission- and generation reliability, small signal analysis (eigenvalues), static and dynamic voltage stability, active and reactive power dispatch, state estimation; open tie optimization, optimal capacitor placement, cable sizing; built-in automation interface (DPL), ODBC driver, interfaces for GIS and SCADA integration; PSS/E compatibility...