

Bi-directional data exchange



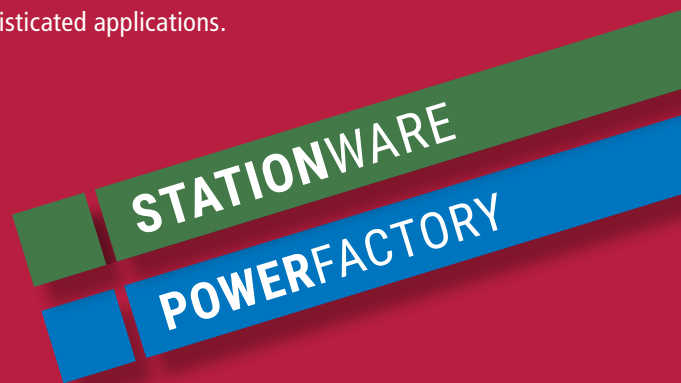
StationWare & PowerFactory

THE OPTIMAL COMBINATION FOR CALCULATING AND MANAGING YOUR PROTECTION SETTINGS

Interface StationWare and PowerFactory to optimize your protection settings!

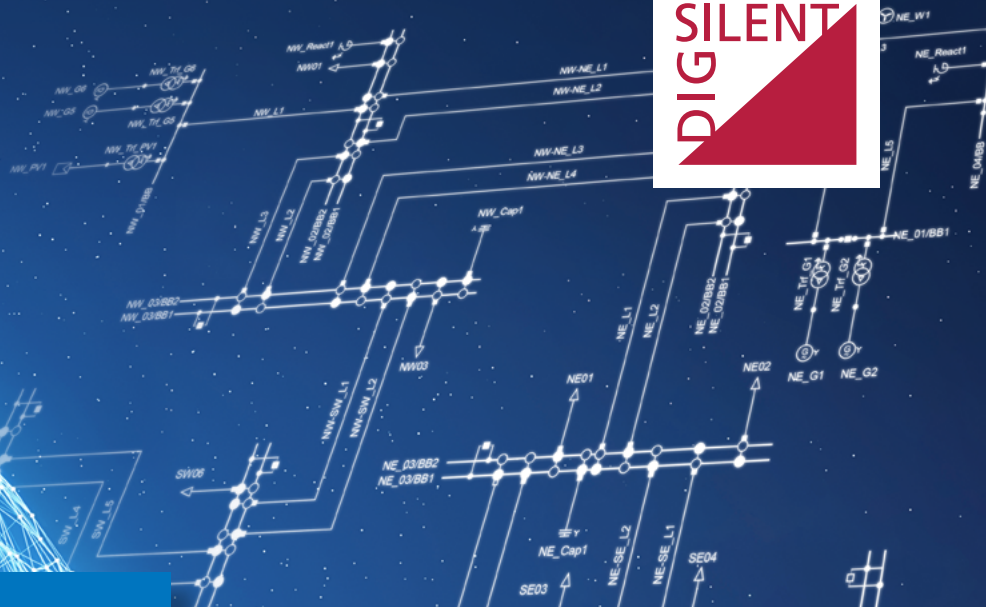
Manage large numbers of different manufacturer-specific settings files using StationWare, DlgSILENT's centralized asset management system for primary and secondary equipment.

Analyze protection settings using PowerFactory, DlgSILENT's leading power system analysis software that provides everything from standard features to highly sophisticated applications.



For more information, visit www.digsilent.de

POWER SYSTEM SOLUTIONS
MADE IN GERMANY



POWERFACTORY

PROTECTION

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- Extensive relay database with generic and manufacturer specific relay models for steady state calculations and dynamic simulations
- Short-Circuit trace functionality
- Assistant for automated calculation of distance protection zone settings based on user-defined setting rules

- I-t diagrams with drag & drop functionality for the definition of relay settings and representation of current values for all types of faults as well as negative and zero sequence currents

- R/X diagrams with automatic display of impedance values calculated by the relay and the calculated reach based on network effects
- Automated Audit of all protection relays analysing device coordination, tripping and fault clearing times

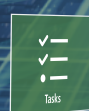
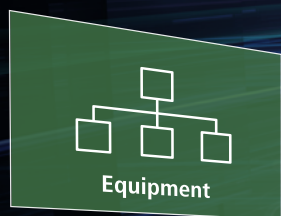
- Time-Distance diagrams to display set zone reaches or calculated reaches based on a short-circuit sweep along a protection path
- Short-Circuit Sweep diagrams with various methods to display the zone reach or internal relay values such as directional angles

- Modelling of signal transfer schemes between relays such as reverse blocking and programmable logics

- Interface to StationWare



ASSET MANAGEMENT SYSTEM



STATIONWARE

PROTECTION SETTINGS AND ASSET MANAGEMENT

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- Central storage and management of manufacturer-specific protection settings
- Converters for 30+ manufacturer-specific file formats
- Multi-user web application with user access rights management
- Central management of power system equipment data
- Management of business processes for primary and secondary equipment
- User-defined workflows for protection settings and process management
- Audit trail to log StationWare events
- User-definable Python scripts and reports
- Document management and central library for effective file storage
- Web-services for seamless IT ecosystem integration
- Historic view mode to review data for a specific point in time
- Interface to PowerFactory

