

Coming Soon

The SimFlex™ IEC 61850 Server Simulator!

The SimFlex™ IEC 61850 Server Simulator is an advanced IEC 61850 tool that enables system integrators, utilities and conformance test laboratories to simulate IEDs by loading an IEC 61850 SCL file into a PC application.

Benefits

- Fast creation of a *'virtual substation'* by loading an SCD file
- Automated simulation of IED values
- Short application setup time
- Easy verification of SCADA/HMI functions against the virtual substation
- Easy to learn graphical user interface
- Simple configuration
- Multiple instantiated IEDs per PC

Applications

The SimFlex™ IEC 61850 Server Simulator has a wide range of applications:

- SCADA/HMI product development
- Simulation tool during Factory Acceptance Testing
- GOOSE publishing
- Network traffic generation
- Functional testing of IEC 61850 systems
- Preparation for UCA International Users Group base IED certification for Clients

Key features

The SimFlex™ IEC 61850 Server Simulator is a versatile simulator:

- Configuration based on standardized IEC 61850 SCL files
- Simulation of values through an advanced function-generator
- Simulation of control objects (e.g. circuit breaker)
- Generation of signal-lists for SCADA systems
- Advanced GOOSE engine for publishing GOOSE messages
- Fully functional reporting engine (buffered and unbuffered reporting)

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