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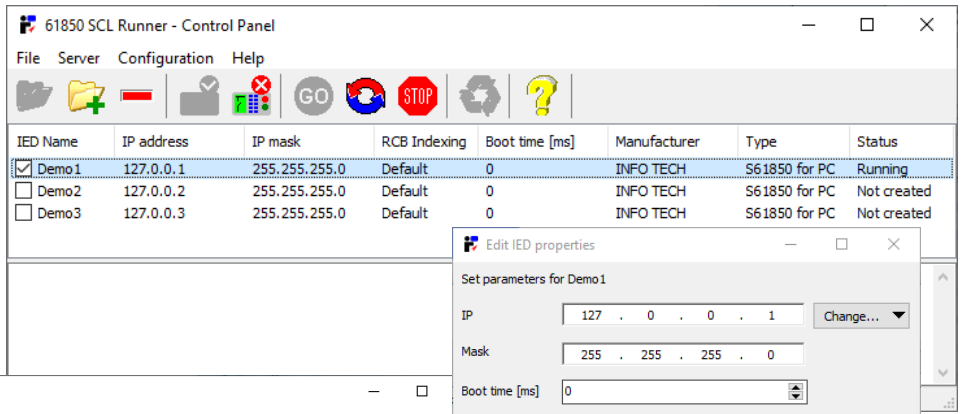
61850 SCL Runner toolset

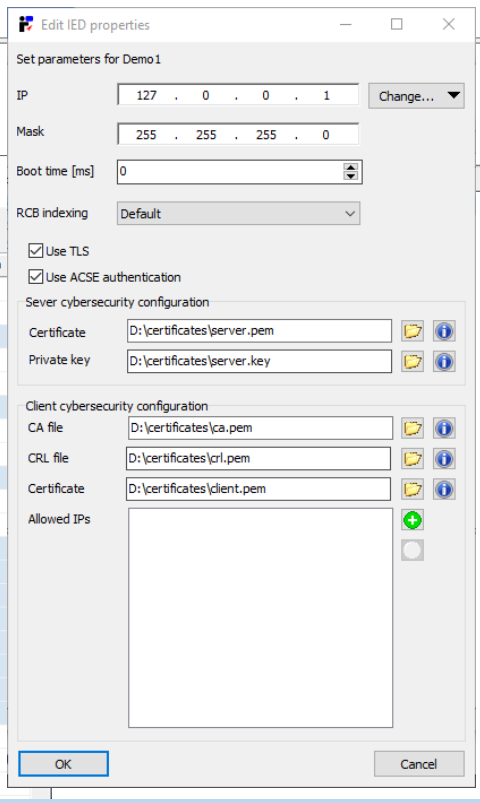
61850 SCL Runner ● 61850 ICD Editor

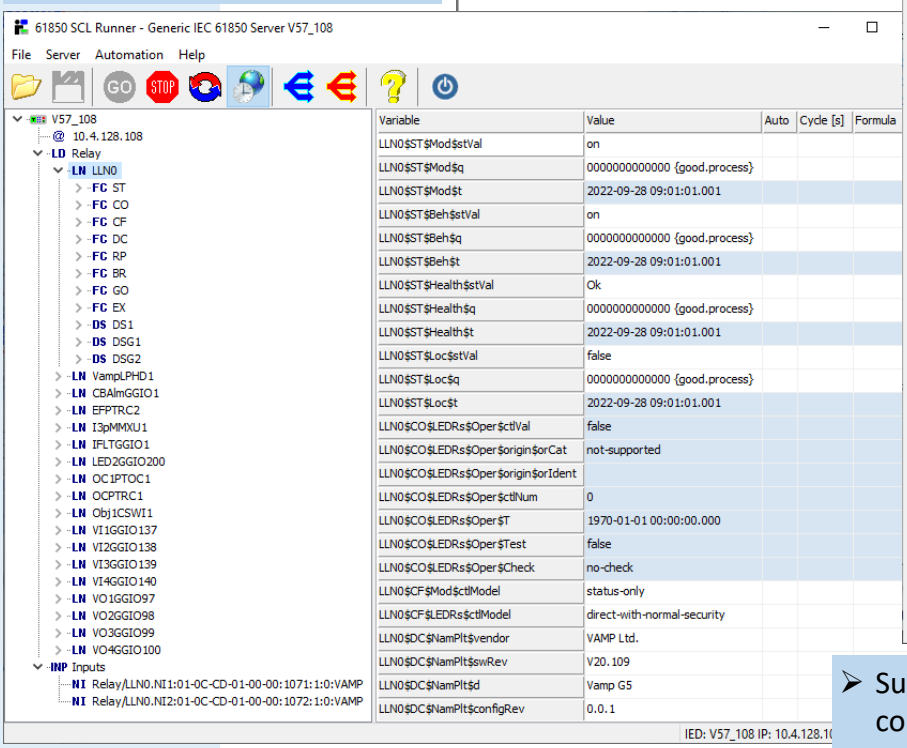
61850 SCL Runner - a program capable of simulating a network of IEC 61850 server IEDs: an ultimate software tool for testing IEC 61850-based system configurations.

- Simple, intuitive GUI to begin with opening an SCL file.

- Enables using target or user defined IP addresses of simulated devices (when running with administrator privileges) on multiple network adapters.
- Supports IEC 61850 Edition 1, Edition 2 and the newest Edition 2.1.







- Supports secure client-server. communication based on TLS and ACSE.

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- Excellent and easy to use simulator of multiple server IEDs based on their descriptions provided in SCL files (ICD, CID, IID, SCD).
- Full support of control models, reporting function, GOOSE publisher, GOOSE subscriber (Inputs).
- Original communication addresses from SCL files can be retained for the simulated IEDs

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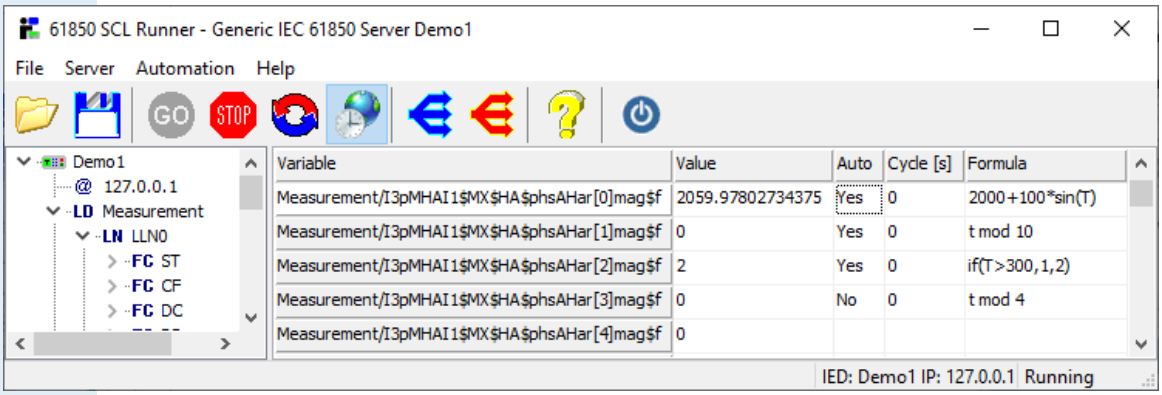
- Simulation of data values and their quality can be driven manually, using formulas with interdependencies and time variable or from an external user defined program communicating with the simulator using telnet protocol.



61850 ICD Editor - a tool to create and modify SCL files.

- Supports IEC 61850 Edition 1, Edition 2 and the newest Edition 2.1.
- Supports also the related standards for Wind Power, DER, Hydro.
- Supports definition of ICD file with the use of standard defined and private LNs, DOs, DAs.
- Includes ICD file content verification.
- Allows to create prototypes of IEDs to be simulated prior to development.