8.3 Protocol Hub

Protocol HUB section stores configuration for every connected device. You can configure it by importing settings from an Excel file.

Configuration

In this tab a user can:

- Import new configuration from Excel file (.xls, .xlsx formats). If any errors in the file are found, the device will not be imported, and importing process will be stopped.
- Import .fboot file for PLC.
- Import IEC61850 Server model file.
- Download current configuration Excel file.
- Download a template configuration Excel file.

Imported Signals

The imported signals section shows basic information about applied configuration. This section is used for viewing only.

Event Log

Event Log is the timestamped status data. It allows reviewing of the latest events and changes for devices state changes in chronological order. Newest events are shown at the top of the list. WCC Lite will timestamp the status data with a time resolution of one millisecond.

Initially, all breakers, protection contacts digital status input points in the WCCLite; events captured from IEDs (Intelligent electronic devices) shall be configured as Event Log points. It's possible to assign any digital status input data point in the WCCLite as an SOE point with an Excel template during configuration.

Each time a device changes state, the WCClite will save it with timetag in internal storage. Event Log can also be downloaded by pressing the download button at the bottom of the page.

> ℹ Events are recorded only for devices that have the *log* field set to 1.

Protocol Connections

PROTOCOL CONNECTIONS

Device	Protocol	Host	Status	Timestamp
iomod	Modbus Serial master	PORT1	Disconnected	2021-11-26 12:13:36
scada3	DNP3 slave	PORT2	Disconnected	2021-11-26 12:13:32
iomod3	IEC 60870-5-103 master	PORT2	Disconnected	2021-11-26 12:13:31
scada2	IEC 60870-5-104 slave	192.168.1.10	Disconnected	2021-11-26 12:13:21
scada1	IEC 60870-5-101 slave	PORT1	Disconnected	2021-11-26 12:13:18

The protocol connections section shows configured devices and their respective ports, statuses

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