

61850 GOOSE System Viewer

61850 GOOSE System Viewer - the program allows to import an SCD file (System Configuration Description) and visualize all configured GOOSE data flows among devices in the graphical connection diagram.

The screenshot displays the 61850 GOOSE System Viewer interface. The main window shows a graphical connection diagram with three devices: V57_107, V57_108, and Sepam1. Each device has a list of GOOSE data flows. V57_107 and V57_108 are connected to Sepam1. The interface includes a menu bar (File, Transmission, Data, Help), a toolbar with icons for GO, STOP, and a power button, and a network adapter dropdown menu. A table of data flows is visible in the background, showing columns for Data reference, GCB reference, Name, Value, Time, and Status.

Data reference	GCB reference	Name	Value	Time	Status
V57_107Relay/VL...	V57_107Relay/LLN0\$G0\$gcb1	Not configured	FALSE	2022-09-28 09:07:03.776	OK
V57_107Relay/VL...	V57_107Relay/LLN0\$G0\$gcb2	Not configured	FALSE	2022-09-28 09:07:05.608	OK
V57_108Relay/VL...	V57_108Relay/LLN0\$G0\$gcb1	Not configured	FALSE	2022-09-28 09:06:57.652	OK
V57_108Relay/VL...	V57_108Relay/LLN0\$G0\$gcb2	Not configured	FALSE	2022-09-28 09:06:59.251	OK
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	TRUE	2022-09-28 09:13:22.991	OK
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	0000000000000	2022-09-28 09:13:22.991	OK
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	TRUE	2022-09-28 09:13:22.991	OK
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	0000000000000	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	FALSE	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	0000000000000	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	FALSE	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	0000000000000	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	FALSE	2022-09-28	
BAY1LD0/LEDG...	BAY1LD0/LLN0\$G0\$GCB1	Not configured	0000000000000	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	FALSE	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	0000000000000	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	FALSE	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	0000000000000	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	FALSE	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	0000000000000	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	FALSE	2022-09-28	
Sepam1LD0/GSE...	Sepam1LD0/LLN0\$G0\$gcbBasicGse	Not configured	0000000000000	2022-09-28	

- Graphical visualization of GOOSE data flow (from GoCB data sets to Inputs).
- On-line monitoring of GOOSE message flow on the GUI.
- Allows to create event list and alarm list for supervision.

➤ GOOSE data flow can be also presented in the form of a list of all outgoing and all incoming data - with the possibility to use IED filters on both ends. The produced list can be exported into a text file.