

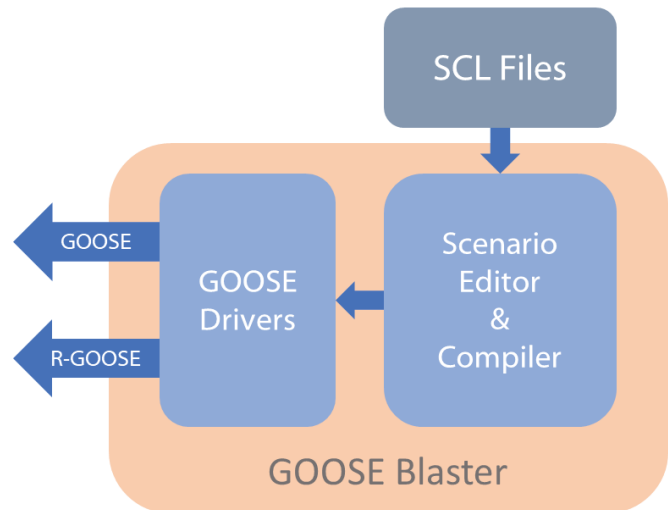
GOOSE Blaster

Simulate IEC 61850 GOOSE and R-GOOSE



OVERVIEW

SISCO's GOOSE Blaster is simulation tool for the test engineer that can simulate GOOSE and Routable GOOSE (R-GOOSE) messaging for any IEC 61850 based IED in a substation. The GOOSE Blaster allows the test engineer to import a Substation Configuration Language (SCL) file containing descriptions of GOOSE control blocks for one or more IEDs. The test engineer can then configure a sequence of messaging with ANY parameter values and ANY timing for the published GOOSE creating normal and abnormal scenarios. Once the scenarios are configured the GOOSE Blaster creates a compiled version of the scenario and then executes the scenario with maximum performance.



APPLICATIONS

- Simulate GOOSE and R-GOOSE messaging for IED functional testing
- Simulate invalid and out of sequence messaging for resiliency and reliability testing
- Simulate large numbers of IEDs and GOOSE messages for network load testing

FEATURES

- Easy control block configuration by importing standardized SCL files per IEC 61850-6
- Fully configurable scenario editing allows the user to create scenarios to simulate any GOOSE messaging with full control over:
 - Can configure VLAN and priority tags as well as all other message data including sequence, state, sim, CB names, etc. for each message individually
 - Data set values can be set for each individual message
 - Time of transmission can be configured via transmission curves or individually edited
- Can execute multiple scenarios simultaneously
- Each scenario can be set to run once, repeat for a specified time period or continuously
- Runs on standard PC hardware on 64-bit Windows OS
- **WARNING: Do not run the GOOSE Blaster on operational systems. Users can create invalid message sequences that could interfere with proper operation of protection systems. For laboratory testing only.**