



A

admin user Default user that is created when you install the Cisco Connected Grid Design Suite (CGDS) - Substation Workbench Monitor (CGDS Monitor). The admin user (administrator) creates other users and assigns the administrative privileges, if necessary.

I

Intelligent Electronic Device (IED) Controllers of the power system equipment in a substation, such as circuit breakers, transformers, and so on.

IED information Details about the logical topology or the signals that are exchanged across the network. These details are specified using the Cisco Connected Grid Design Suite - Substation Workbench Designer (CGDS Designer).

In the CGDS Monitor, these details are used for displaying the IED's value analysis information.

P

protocol messages Details about the generic object oriented substation events (GOOSE) and distributed network protocol (DNP3) messages that help in identifying the critical system problems in a substation.

S

signal matrix Details about multiple signals that are processed between the GOOSE and DNP3 IEDs. These details are based on the substation configuration language (SCL) file, and are specified using the CGDS Designer.

substation topology diagram Graphical representation of all of the network devices in a substation. You can choose the following views for displaying the diagram:

- Topological view—Displays a topology view of the network devices in a substation.
- Auto-bay view—Displays a large amount of network information for the devices that are attached at certain voltages.

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U

user

Users access the CGDS Monitor to visualize, validate, and monitor the integrated substation LAN. For example, a substation engineer or operator can observe the behavior of a substation and its network by visualizing the network details. Apart from these users, the admin users can also access the CGDS Monitor.

V

Virtual Local Area Network (VLAN) information

Details about the VLAN addresses and active ports for all of the available switches in a substation. The VLAN information may not be available if the switch is not reachable, unknown, or unsupported.