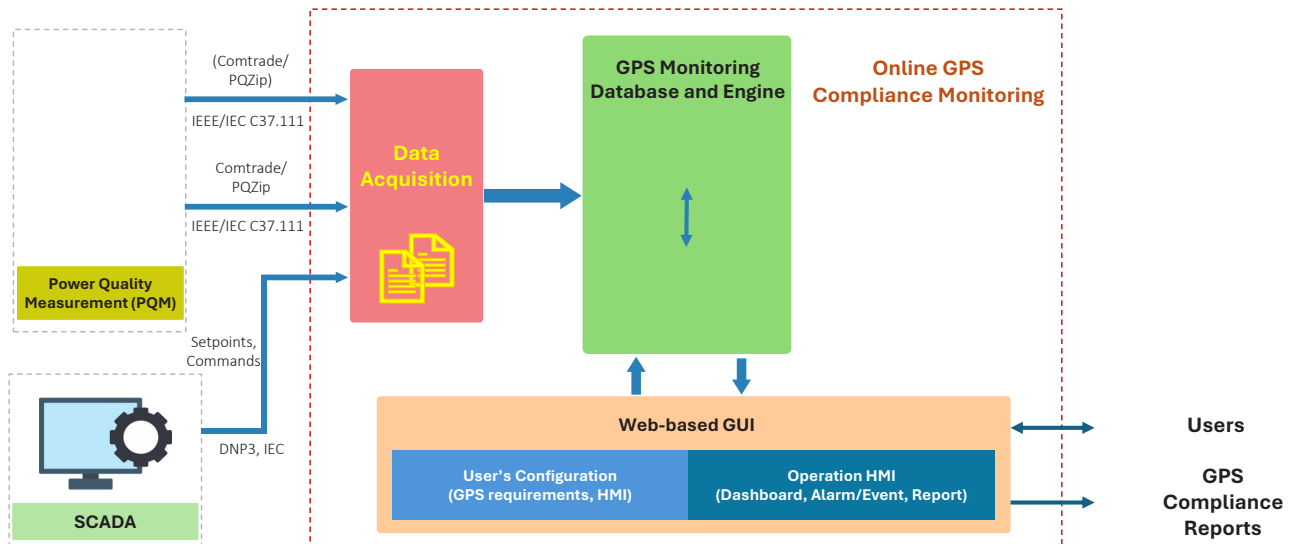


Online GPS Compliance Monitoring provides continuous monitoring and analysis of a power plant's Generator Performance Standards (GPS) compliance after successful commissioning. It is particularly designed to meet the requirements of **Clause 4.15 of National Electricity Rules (NER), Australia**.



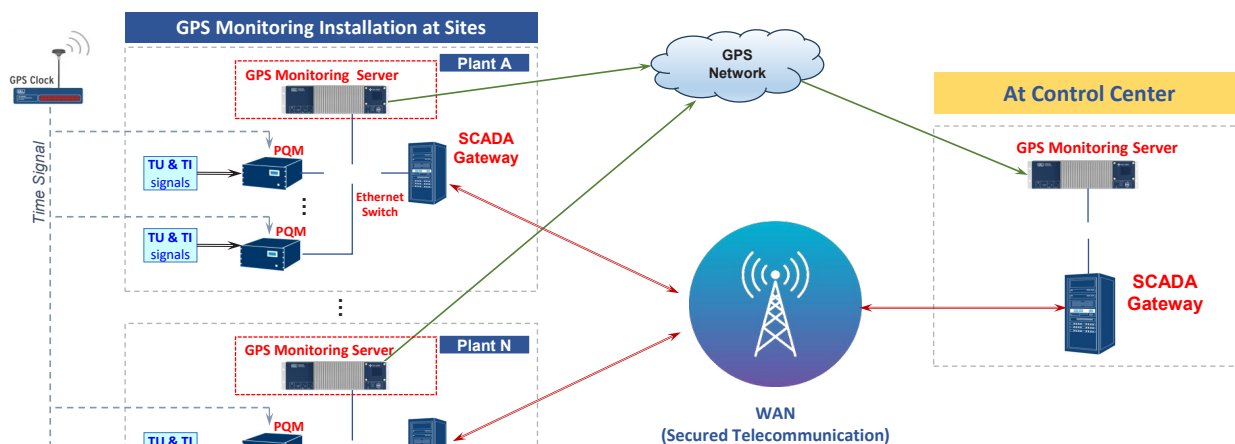
Automatically receive data from PQM and SCADA, analyze and detect non-compliance events

NER Clause	Description
S5.2.5.1	Reactive Power Capability
S5.2.5.2	Quality of Electricity Generated
S5.2.5.3	Response to Frequency Disturbances
S5.2.5.4	Response to Voltage Disturbances
S5.2.5.5	Response to Disturbances Following Contingency Events
S5.2.5.6	Quality of Electricity Generated and Continuous Uninterrupted Operation
S5.2.5.7	Partial Load Rejection
S5.2.5.8	Protection from Power System Disturbances
S5.2.5.9	Protection Systems that Impact on Power System Security
S5.2.5.10	Protection to Trip Plant for Unstable Operation
S5.2.5.11	Frequency Control
S5.2.5.12	Impact on Network Capability
S5.2.5.13	Voltage and Reactive Power Control
S5.2.5.14	Active Power Control
S5.2.5.15	Short Circuit Ratio
S5.2.5.16	Voltage Phase Angle Shift

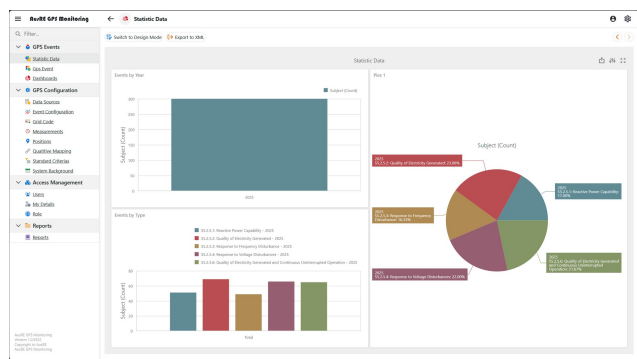
Support multiple protocols to ensure compatibility and seamless integration with PQM devices and SCADA systems from any vendors, such as IEEE/IEC C37.111, DNP3, IEC 60870-5-104, IEC 61850, Modbus RTU, Modbus TCP/IP, etc.

Online GPS Compliance Monitoring

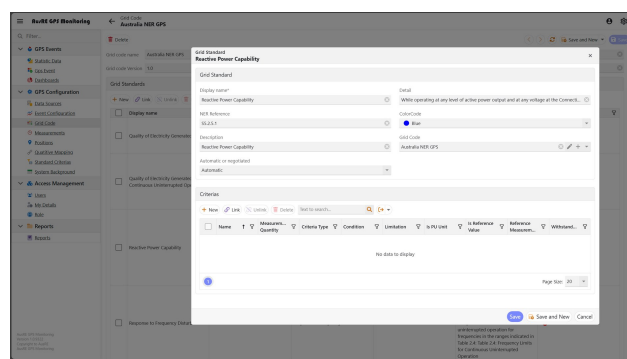
If you have multiple power plants, Online GPS Compliance Monitoring can be integrated at sites and control center.



Online GPS Compliance Monitoring at Sites and Control Center



Dashboard of GPS non-compliance statistics



Parameterization and Configuration of GPS

[illegible]

List of GPS non-compliance events



Details of a GPS non-compliance event

