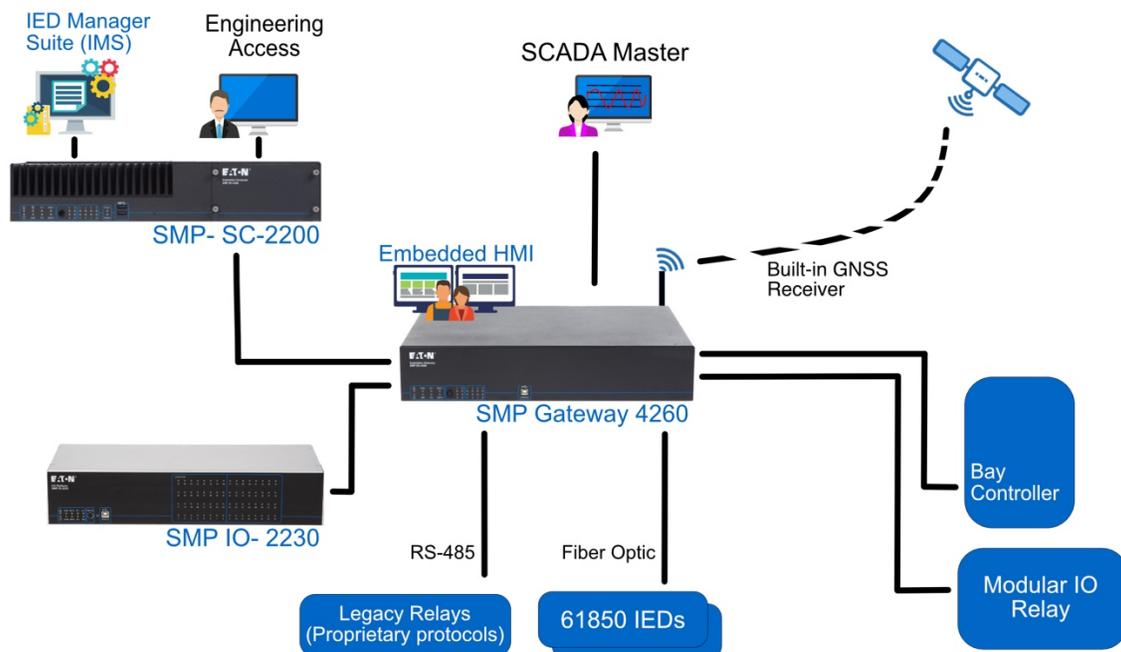


Vendor independent SMP substation automation platform is used to perform **data acquisition/distribution**, **protocol translation** and to provide **local HMI** for the substation. SMP4260 is the **most advanced** and **robust** Substation Automation Solution (SAS) in the industry. It **exceeds industry standards** (IEC 61850-3/IEEE 1613).

SMP Gateway 4260 and SMP Gateway 4/DP

Turns Substation Data into valuable Enterprise Information through only one unit



SMP Features

SMP products are designed to simplify substation integration and automation while giving clients vendor independence:

- Supports and **translate** all standard industry protocols such as **IEC 61850**, Modbus, DNP and supports more than **80 proprietary protocols**
- **Built-in advanced HMI** functionalities with commissioning tools
- **Multiple redundancy** schemes (Redundant SMP, Power supply, communication link, etc.)
- Allows to **download** event files and **Comtrade files** remotely
- Embedded **Soft-PLC** engine
- Remote control and **pass-through** capability
- Internal **Web Server** HMI showing (real time data points, SL diagram, alarms, etc.)
- Global Navigation Satellite System (works as **substation clock**)
- Tools to **trace communication** at real time.
- Advanced **cyber-security** features (Firewall, TLS, Helping NERC/CIP compliancy)
- **Windows CE based** to Leverage the **white listing** feature.

SMP Direct/Indirect cost reduction (TCO – Total Cost of Ownership)

- Eliminate the cost of having **PLC device**, **Substation clock**, Check point device (**firewall**) and **trace communication** software, which all are built in features in the SMP gateway
- Eliminate the need for an additional cost of a **PC with Windows-Based HMI**
- Reduces the cost and the need of two IRIG-B **Copper cables** by using PTP protocol that synchronize clocks over Ethernet

