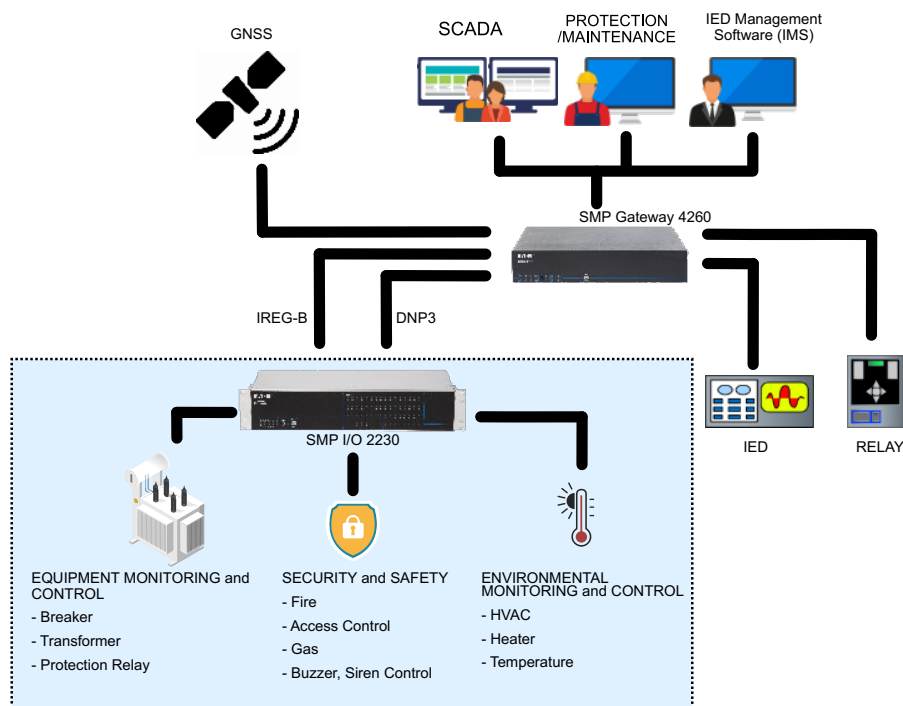# SMP I/O (RTU Replacement)

EAT•N

Eaton's SMP IO-2230 is the first platform belonging to the new generation of **substation-grade I/O** platforms, it is specially designed to meet modern industry and utility requirements. Eaton relies on the same expertise and **high industry standards** to offer a highly reliable, easy to set up and **flexible I/O module**, at a **very competitive price.**

Application

SMP I/O Feature

- Up to a full populated device with **64 I/Os**,
- **4 type** of cards available completely **mixable** (up to 4 cards total):
  - ▫ 16 BI ▫ 8 BI, 8 **HAI** (High Isolation) ▫ 16 BO ▫ 16 **HBO** (Fast Speed &High Interrupting Current)
- Internal **Micro-PLC** Logic Editor
- Operating temperature **-40 °C to 85 °C**
- Supports **DNP3 and IEC 61850** protocol with up to **5 upstream** connections
- **GE D20** model replacement with only one unit
- **Linux** operating system
- Two programmable output relays
- Integrated **Ethernet firewall**
- **IRIG-B** Time Synchronization
- **Integrated web server** for configuration (IP Address, Current/Voltage Selection, etc.)
- **Built-in HMI** with functions like the real-time data, status dashboard, **Commissioning Tool**
- The maintenance and **debugging tools**: Trace / Stats / Logs Built-in
- Two Ethernet ports for **daisy chain connections** (optional optical LC ports)
- I/O is **jumper less**, all configurations are made through one Software

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