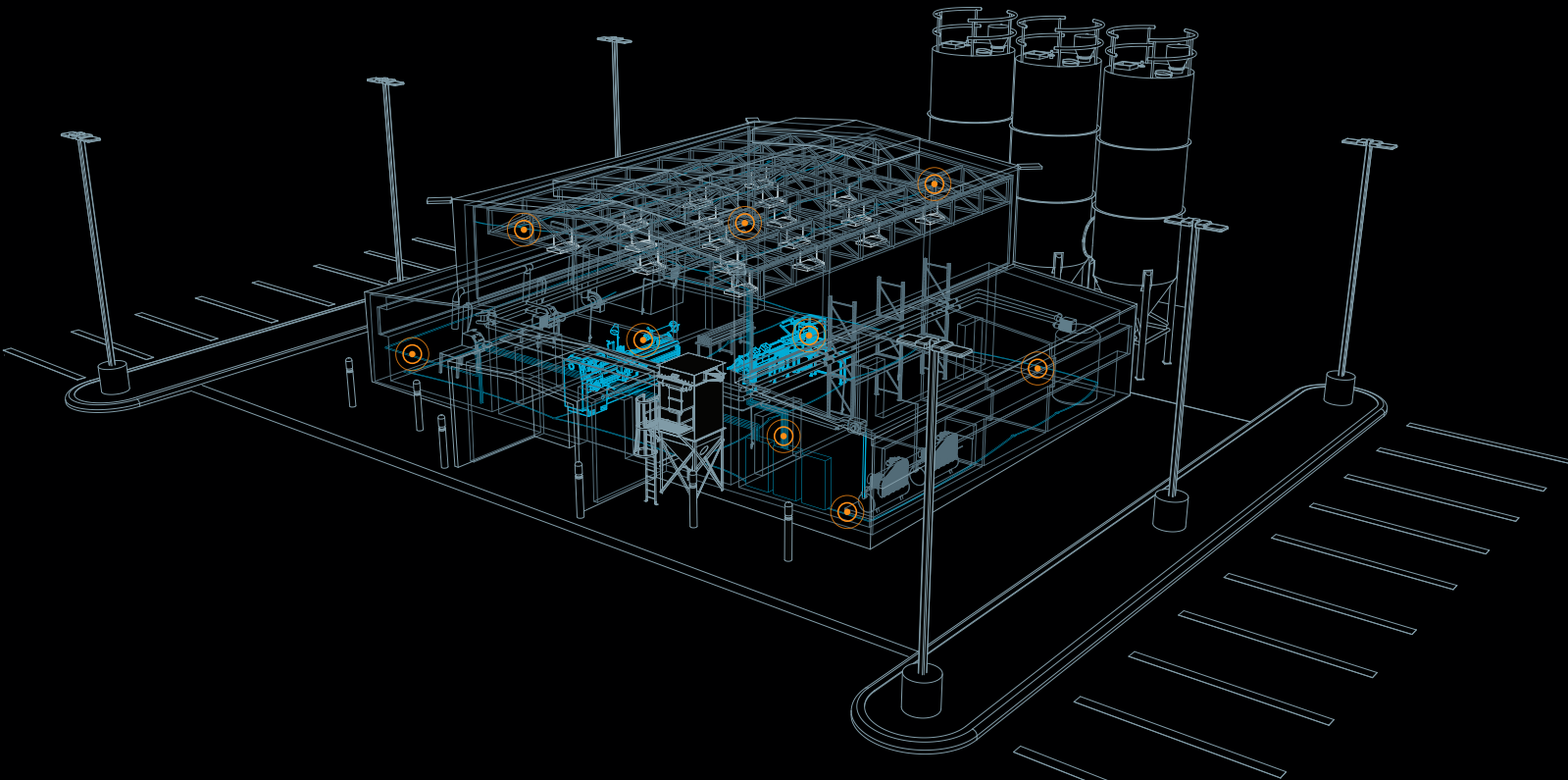# simplysnap
POWER

Energy Management Solutions

Features

- Panel sub-metering and equipment metering
- Wireless mesh infrastructure
- Cloud-based data storage
- Measurement and verification
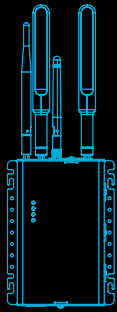- Time-series dashboards
- Analytics

Benefits

- See the cost of energy per department/machine
- Low installation costs (no conduit)
- Correlate power use with production changes
- Easy commissioning
- Easily scalable

Electrical energy is a major cost to most manufacturing facilities (~$800k/year in the US). Our energy information system monitors energy usage throughout a facility to help determine how to optimize the energy usage and then verify the results. This monitoring solution comes in two basic flavors: panel sub-metering and equipment metering. Panel sub-metering involves placing 3-phase power monitors at the feed to an electrical panel. Equipment metering is generally single-phase current monitoring. We also provide an engineering service to specify the sensors and provide the instructions to the installer about install location and configuration per sensor.
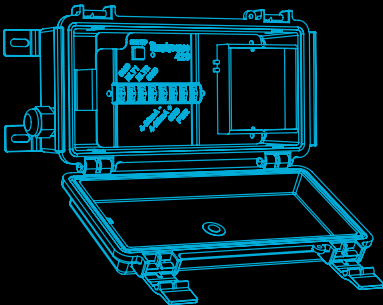
synapse

System Components

SS450
Site Controller
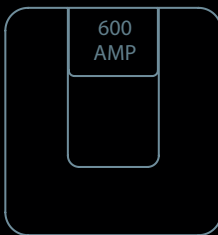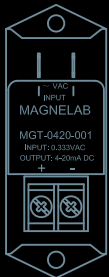
SS450-002

WiFi and Verizon 4G LTE enabled,
wall mount bracket; 4 Antennas

SENSE
4-20

WSI-4-20-101

4-20 mA sensor interface,
wall mount bracket

Transducers/Current Clamps

IIOT-ENERGY-EQPT-50

50A 1-phase equipment monitor
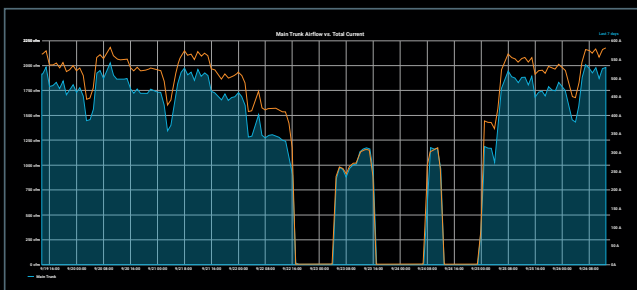
IIOT-ENERGY-PANEL-1600

800A-1600A 3-phase panel monitor

IIOT-ENERGY-PANEL-800

300A-800A 3-phase panel monitor

IIOT-ENERGY-PANEL-300

0A-300A 3-phase panel monitor

Custom Dashboards
Monitoring Software

SW-DATALOG-101

SimplySNAP Sense,
3-month subscription

IIOT-ENERGY-ANALYTICS
Energy analytics