

The ASCO 5702 Facility Gateway enables healthcare and mission-critical facilities to increase power reliability, support accreditation, and increase productivity by centralizing power testing, monitoring, and reporting functions in a single device. It monitors up to 256 transfer switches, paralleling switchgears, engine-generators, and more through a unified control interface. It consolidates power information and sends it to EcoStruxure™ or Building Management Systems through standard communication protocols.



The ASCO 5702 Facility Gateway provides full monitoring and control of critical power systems.

Bridges OT and IoT: Enables communication between power devices and Building Monitoring Systems for unprecedented power system visibility and control.

Comprehensive Power Management: Provides a full suite of tools for managing power usage, power data, and power conditions.

Scalability: Monitors and controls simple power backup systems to sophisticated multi-building applications.

Provides real-time status and performance insights

Provides instant access to critical utility power, engine-generator, transfer switch, paralleling gear, and more. Transmits immediate email and text alerts of alarm conditions and system events.

Streamlines Joint Commission and NFPA compliance

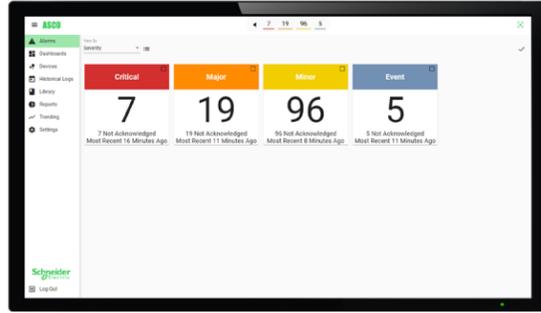
Provides required engine-generator and transfer switch safety indicators and shutdowns. Automatically generates NFPA test and utility outage reports.

Interfaces directly with Building Monitoring Systems

Shares power system data with other monitoring systems, enabling greater analysis of operating data and faster response to changing conditions.

Feature Highlights

Alarms and Notifications



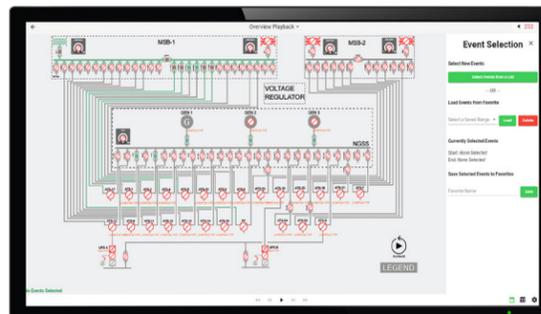
- Displays and logs alarms with severities on a web interface
- Sends immediate email notifications to authorized recipients
- Broadcast SNMP Traps to management systems on a network

Automated Compliance Reports



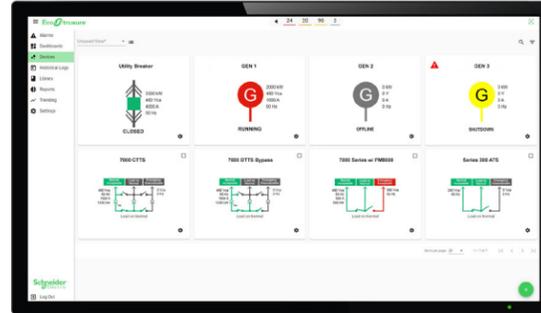
- Automatically generated during load transfers and generator operations
- Automatically saved and distributed to authorized recipients via email
- Streamlines compliance with NFPA, CALEA, The Joint Commission, and CMS requirements

Dynamic One-Line with Playback



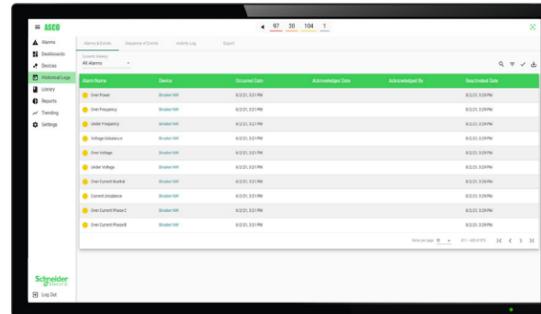
- Displays a responsive custom layout of a power network
- Displays power flow throughout an electrical distribution system
- Replays power system events for analysis, training or validating automated sequences

Equipment Monitoring and Remote Control



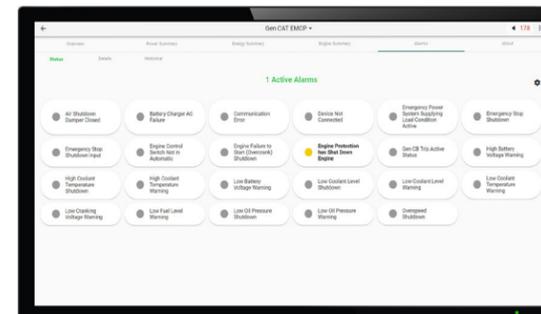
- Monitors transfer switches and power equipment from a single Overview Screen
- Dynamic graphics show status, alarms, and key analog parameters
- Enables remote equipment operation to increase safety

Event Logs



- Logs events from transfer switches and all monitored equipment
- Sorts and filters data by equipment name or locations, alarm type, timestamp, and other parameters

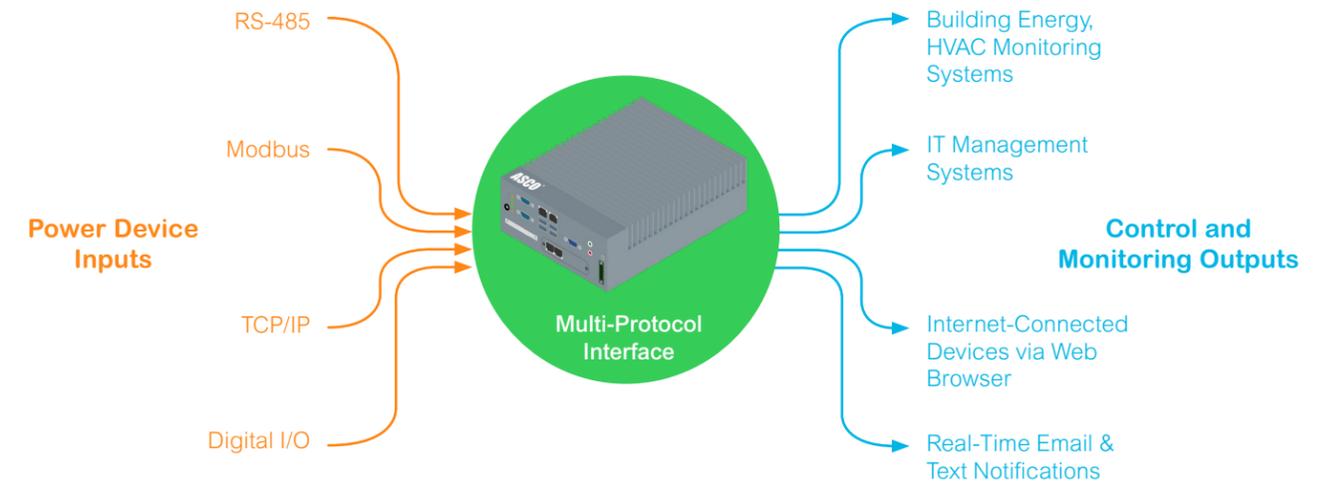
Generator Dashboard



- Displays NFPA 110 indicators and shutdowns
- Displays information about engine speed, oil pressure, coolant temp, power output, fuel level, and more
- Enables users to drill down into equipment status and alarm details

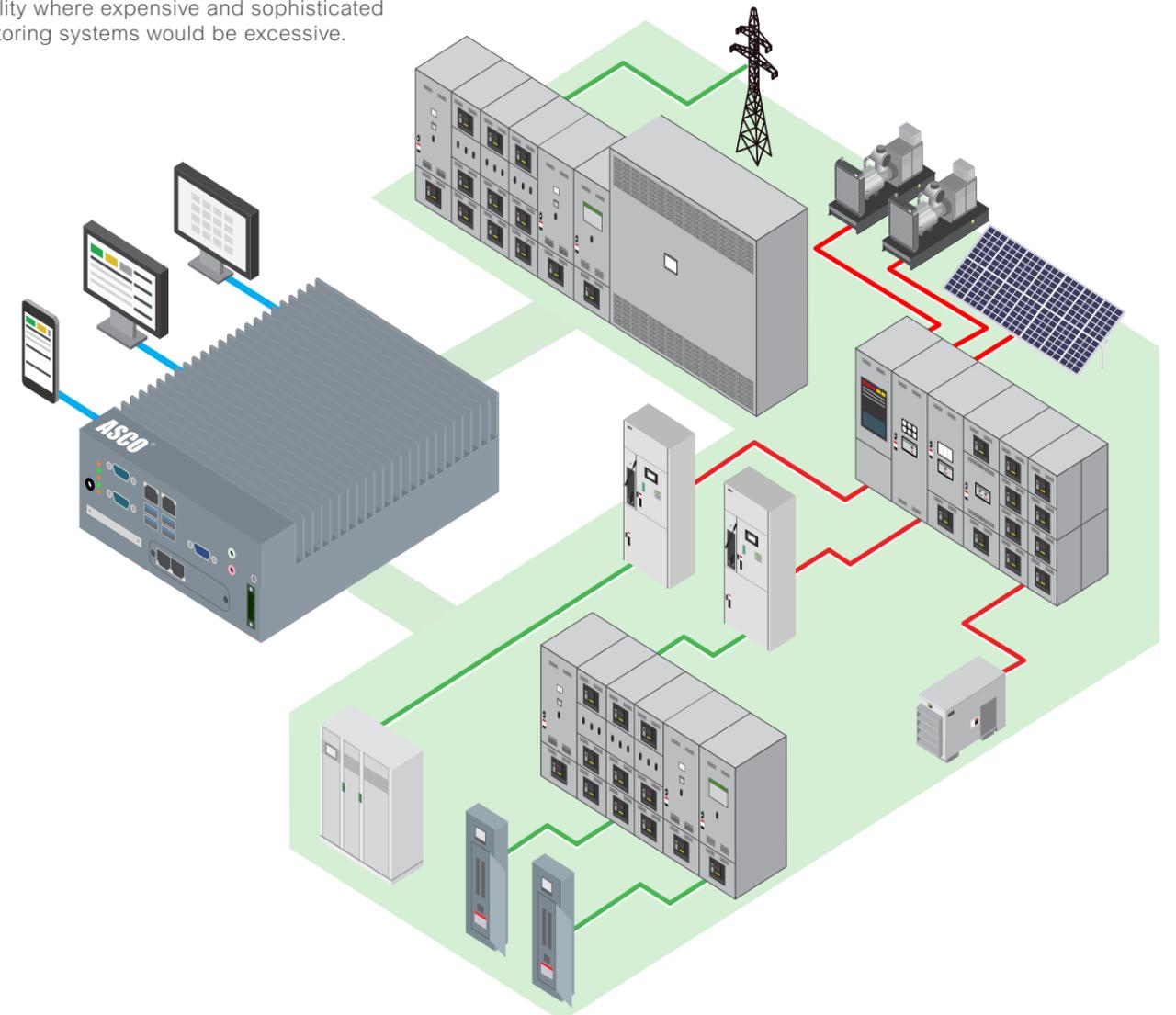
Quickly Integrates by Bridging IoT and OT

Pre-mapped communication parameters streamline integration with other power devices and multiple network communication protocols.



Optimized for Emergency Power Monitoring

Streamlined feature-set provides detailed visibility where expensive and sophisticated monitoring systems would be excessive.



ASCO 5702 Facility Gateway Product Catalog Number

BASE NO.	NO. OF DEVICES
5702	32 64 256

Part Numbers

CATALOG NO.	PART NO.	DESCRIPTION
5702-S-32	1290042	Industrial Gateway for 32 devices.
5702-S-64	1290043	Industrial Gateway for 64 devices.
5702-S-256	1290045	Industrial Gateway for 256 devices.

Peripherals Ordering Information

CATALOG NO.	PART NO.	DESCRIPTION
5702-UPS	1271910	Industrial UPS with safety shutdown for 5702 Facility Gateways
Touch Panel Client	987712-008	All-in-one, 32-inch commercial-grade, operator touch panel client with integrated computer and integrated speakers for audible alarms

Technical Specifications

SPECIFICATION	DESCRIPTION
Storage	256 GB Solid-state (5702-S models)
Ethernet Ports	4 x Gigabit RJ-45
Serial Communications	4 x RS-485 & RS-232 ports
LED	2 x TX, 2 x RX and 1 x Storage
USB	4 x USB 3.0
Audio	2 x (1x line out and 1x line in)
Power Demand	21.469 typical, 44.952W maximum
Control Power	9 to 36 VDC (5702-S models)
Power Supply	120/220 VAC power supply included
Operating Temperature	-20 to 50 °C with 0.7 m/s air flow
Humidity	95% @ 40 °C (non-condensing)
Vibration	3 Grms @ 5 ~ 500 Hz, random, 1 hr/axis
Shock	50G, IEC 60068-2-27, half-sine wave, 11 ms duration
Dimensions (W x H x D)	73 x 192 x 230 mm (2.91" x 7.55" x 9.05")
Weight	2.9 kg (6.39 lbs)
Installation	Panel, Desktop or Wall Mount
EMC Certifications	CE/FCC Class B, CCC, BSMI
Safety	UL, CCC, BSMI