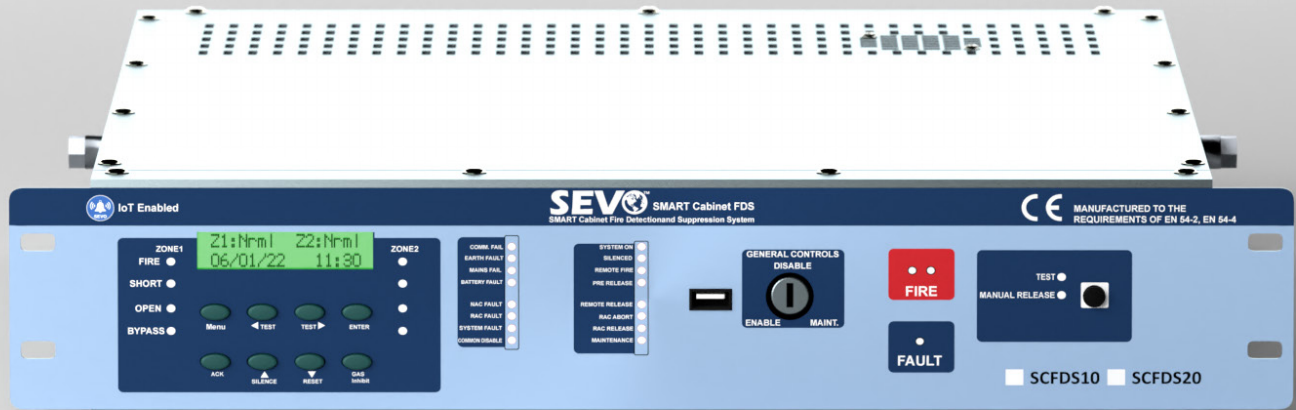# SMART Cabinet: FDS

SEVO SYSTEMS

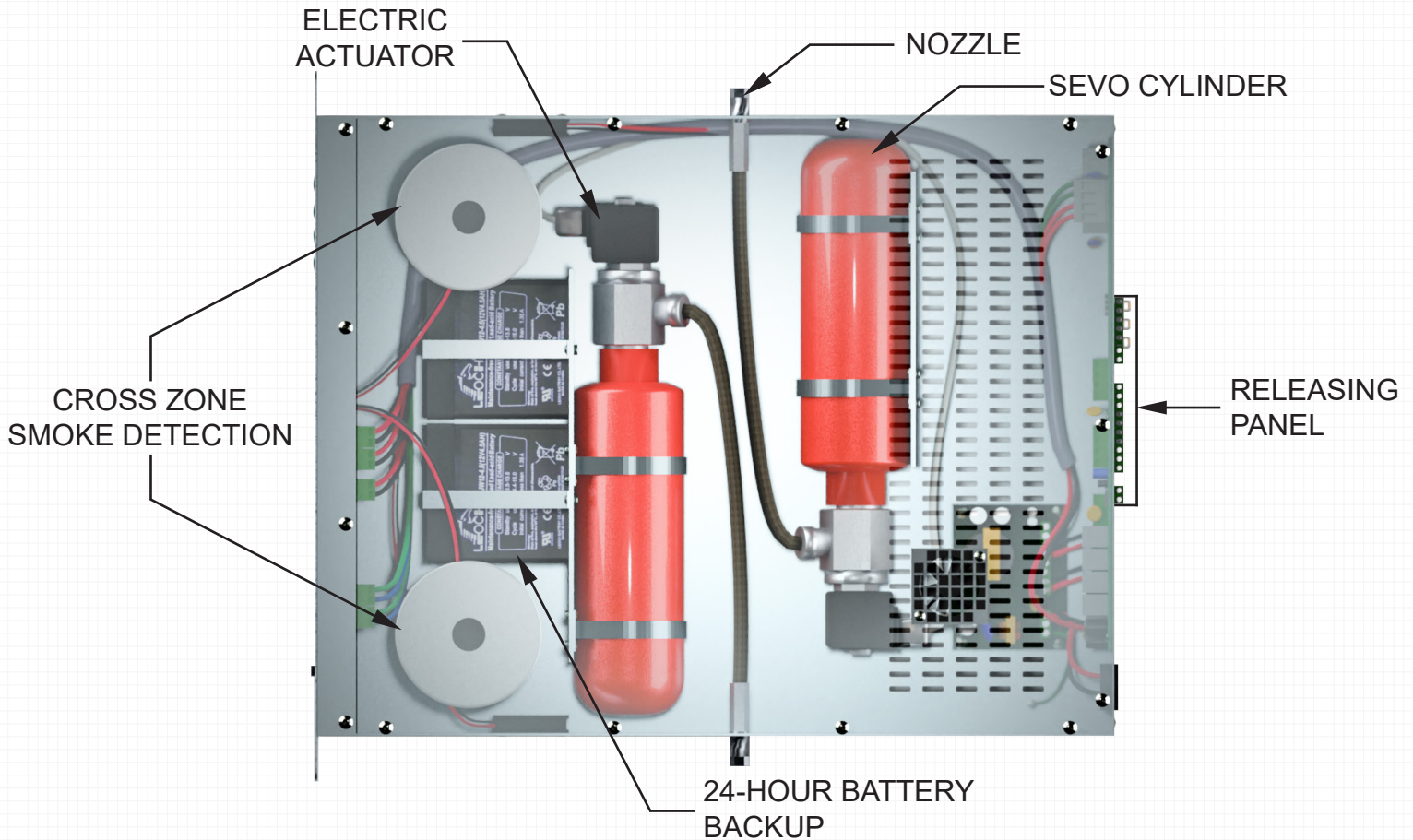*Clean Agent Fire Suppression Solutions*

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SMART Cabinet Fire Detection & Suppression System.

The Smart Cabinet FDS, Rack Mount Fire Suppression System is a self-contained fire detection and suppression unit designed to protect a 19" rack mount server cabinet. Mounted in the top rack of the server cabinet, the Smart Rack FDS systems provides 24 hour monitoring for smoke utilizing twin optical smoke detectors operated by a control unit with a power supply and battery backup. Upon confirmed detection, the releasing panel activates the electrical actuator to discharge the FFT-1230™ Fire Protection Fluid to achieve rapid extinguishment. All sizes are charged with agent and pressurized with nitrogen to 240 psig at 70.0F (16bar at 21.0C). The systems are equipped with: Abort switch, release low-pressure indication, fan tray power and automatic shut-down.

PART #	DESCRIPTION
SCFDS10	Smart Rack FDS Detection and Extinguishing up to 1.5m3 (52ft3)
SCFDS20	Smart Rack FDS Detection and Extinguishing up to 3m3 (106ft3)
SCFDS10-IoT	Smart Rack FDS Detection and Extinguishing up to 1.5m3 (52ft3) with IoT Gateway
SCFDS20-IoT	Smart Rack FDS Detection and Extinguishing up to 3m3 (106ft3) with IoT Gateway

What's under the hood?

ELECTRIC ACTUATOR

NOZZLE

SEVO CYLINDER

CROSS ZONE SMOKE DETECTION

RELEASING PANEL

24-HOUR BATTERY BACKUP

Specifications.

SMART Cabinet FDS is designed to seamlessly integrate with your server racks.

FEATURES

- • Plug and Play Rack Mounted System
- 2U X 19" Chassis Mounting
- • Clean Agent Extinguishing System
- Utilizing FFT-1230™ Fire Protection Fluid
- • Detection and Control
- Cross Zone Smoke Detection
- Local / Remote Audio / Video Condition
- • Monitoring and Control.
- Monitored Alarm / Fault Circuits
- Visual Alarm and Fault Status Indications
- 24 Hour Battery Backup
- • Connectivity
- IoT Enabled
- Modbus
- Mobile App (IoT Optional)

SEVO

Enabled

ZONE1 FIRE   02/10
02/02/2022   8:00

ZONE1 FIRE
SHORT
OPEN
BYPASS

ZONE2

Menu   TEST   TEST   ENTER

ACK   SLIENCE   RESET   GAS Inhibit

Serving your industry.

The Smart Cabinet FDS is the safest, easiest, and most cost efficient way to protect your valuable electronic assets.

INDUSTRIES

- Data Centers
- Independent IT Racks
- Electrical Cabinets
- PLC's
- Audio Visual Equipment
- Telephone Connection Cabinets
- Labs

Online Monitoring.

View key information on the SEVO IoT App such as Fire, Faults, Pressure Status, Level Status, Temperature Status, etc. In case of an Adverse Site Situation, you will recieve visual and audible notification. The real time alerts will reach wherever you are, on or off-site. Wi-Fi and/or GPRS can be used to connect to the SEVO IoT Gateways.

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