

SMART Cabinet: FDS

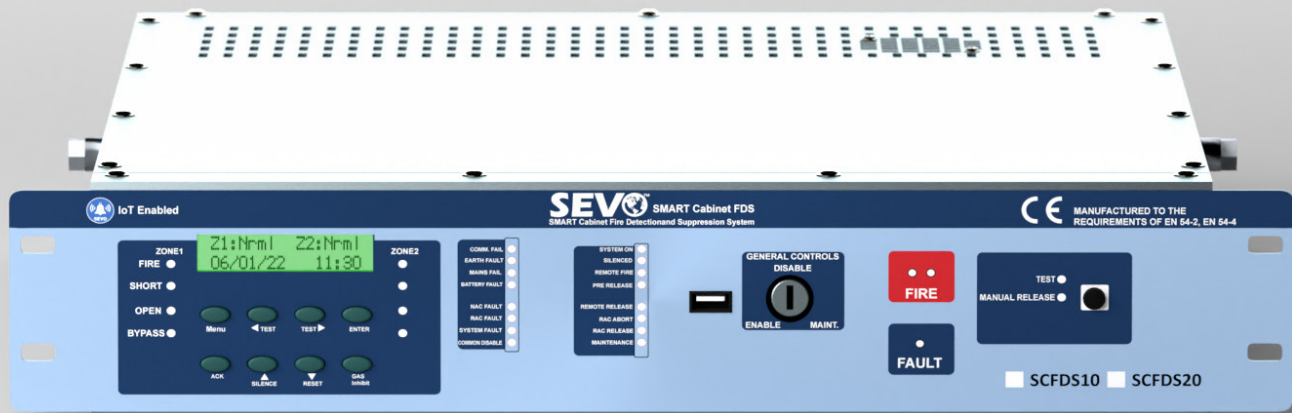


SEVO  **SYSTEMS**
Clean Agent Fire Suppression Solutions



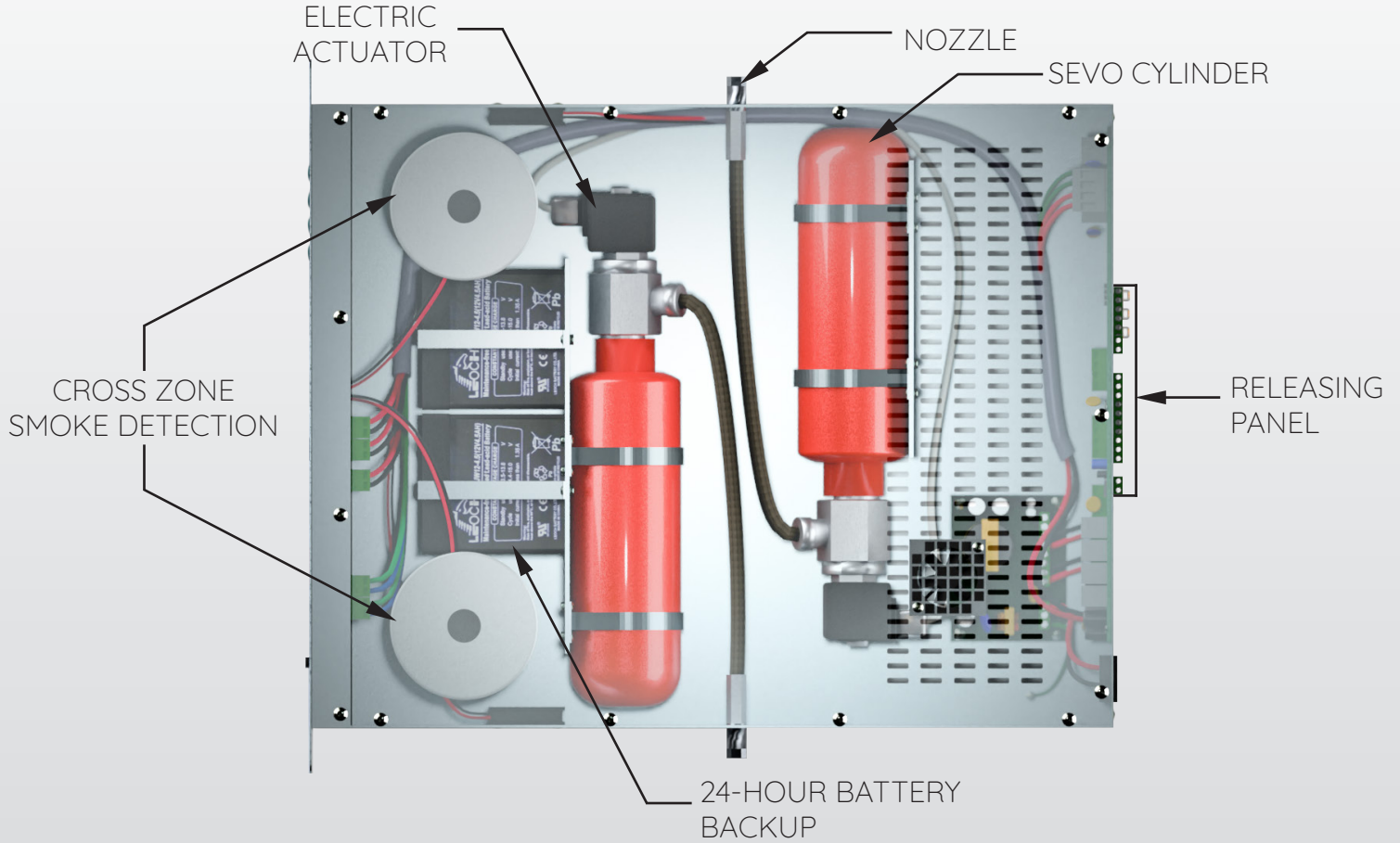
SMART Cabinet Fire Detection & Suppression System

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 FK-5-1-12 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 1.5m ³ (52ft ³) |
| SCFDS20 | Smart Rack FDS Detection and Extinguishing up to 3m ³ (106ft ³) |
| SCFDS10-IoT | Smart Rack FDS Detection and Extinguishing up to 1.5m ³ (52ft ³) with IoT Gateway |
| SCFDS20-IoT | Smart Rack FDS Detection and Extinguishing up to 3m ³ (106ft ³) with IoT Gateway |

What's under the hood?



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 FK-5-1-12 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)



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

Optional Online Monitoring

Optional online connection allows you to 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 receive 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.

