

Protect Your Data with
ORR Protection

Data Centers
by  ORR Protection

Fire Protection for Data Centers and IT Environments

Fire Protection Services

The mission of a data center or server space is to support information technology equipment—computers, servers, hard drives, and network equipment. These spaces are **specialized, expensive, and important** to the ongoing mission of the business or organization and to the public they serve. Sometimes, the data being processed in these spaces is irreplaceable. **A fire in a data center can be devastating**, interrupting the delivery of service at a cost of millions of dollars. Fire protection strategies in a data center are centered around **limiting the risk and minimizing downtime due to a fire**.



*Connect with Someone
from Our Team!*



Training



Water mist



High-sensitivity
smoke detection



Air sampling



Lithium-ion
off-gas detection



Design-build
services

The ORR Difference

Our technology reliably detects the earliest signs of a fire or off-gas threat in mission-critical environments. This is key to **minimizing downtime, protecting data assets, and keeping operations up and running** during this period of unprecedented demand.

At ORR Protection, we believe that not all provider companies are equal. We are **uniquely positioned to be your partner** and provider by equipping your organization with:

- ▶ Early warning and standard system design, installation, and monitoring
- ▶ Pre-action sprinkler design, installation, and service
- ▶ Suppression clean agent design, installation, and maintenance service
- ▶ Suppression water mist as needed
- ▶ Bi-directional amplifier communication



ORR Protection Standards You Can Always Rely On:

24hr Emergency Response

- ▶ ORR understands that when you have an emergency, time does not matter. Day or night ORR technicians are on call and ready to respond

System Monitoring

- ▶ ORR offers real-time fire alarm monitoring services to provide peace of mind to business owners.

Inspection and Testing

- ▶ Some of the largest and most successful companies in the world trust ORR to service and maintain their fire systems.

Room integrity Fan Test

- ▶ ORR offers Room Integrity Testing to ensure the effectiveness of your clean agent fire suppression system.

Design Build Services

- ▶ With a storied history of fire system design experience and installations, ORR's design team is second to none.

Repairs

- ▶ Whether a failure is uncovered during a routine inspection or there is a system issue, ORR is committed to responding in a timely manner.

Training

- ▶ ORR provides site and system-specific training for new and existing installations.

System Recharge

- ▶ When your system discharges, protecting you from a fire and restoring your system is our highest priority.

Modification

- ▶ When your existing space no longer meets your needs, ORR can modify your fire protection systems to meet your new requirements.

Decommissioning

- ▶ When you wish to remove your Halon 1301 system or other types of agents, ORR can safely and properly disconnect and remove.

ORR Protection Knows Data Centers and IT Environments

The best fire protection strategies today are **integrated with the data center's operating model and disaster recovery plan**. A multi-layered approach assures that fires and other small thermal events can be dealt with early, causing minimum impact on the data center and service delivery.

Expertise in Data Center and Related Industry Codes: We have been protecting data centers since their early development, **installing and maintaining fire protection systems**. Our team has extensive knowledge in the design of fire protection and suppression systems for these adaptive environments. We have company **leaders who serve on the NFPA 75 code board**. We apply the unique experiences of our people in each of our designs, **backed by our professional engineering and installers** to meet your needs.

Customized Solutions: Each data center has unique requirements based on its size, layout, and specific operations. **We work closely with you to design and implement customized fire protection solutions** tailored to your facility's specific needs.

Compliance and Regulations: Data centers must adhere to **strict fire safety regulations and standards**. Our experts stay up-to-date with the latest industry codes and guidelines, **ensuring your facility remains compliant** and minimizing the risk of costly fines or legal consequences.

A Partner You Can Trust

Working with a **strong, reliable partner is crucial**. ORR Protection is the partner you need to address and overcome the safety challenges surrounding the complex elements of data center management. Today, **a large number of the country's data centers rely on ORR Protection's end-to-end solutions**, which combine domain **knowledge and site experience with modern data center architecture**.

ORR Protection recommends, delivers, installs, and maintains fire and life safety sustainability solutions that meet the specific needs of data center operators. These solutions come together through the ORR Protection portfolio of partners, improving operations and mitigating downtime risk.

Contact Us Today to learn more and see what we can build together.



Data Centers
by  **ORR** Protection

Revised: 01/07/2025 20241220SM