

Project Management

The data center market is a continuously evolving industry. The need to quickly adapt to advances in technologies, to stay ahead of new regulations and the constant rise in demand are just a few challenges you manage. We understand the complexities you face to stay competitive.

Data center owners, operators, integrators and general contractors are challenged with building new facilities and/or updating older facilities in a quick amount of time. These projects are complex. Aligning with partners who understand the importance of staying within the scope of work, successfully juggling dynamic schedules, and hitting milestones is critical to your project's success.

The Right Partnership Offers

- An experienced project management team that ensures easy navigation through complex projects
- Knowledgeable engineers and technicians who understand critical customer requirements
- A proven track record in managing dynamic schedules and juggling numerous moving parts
- A time-driven team who knows how missing milestones can derail a project quickly and has the tools to stay on track
- An experienced team that can identify and resolve challenges before they arrive
- Consistency across all regions via a systematic process developed and based on PMI standards
- One of the largest teams of Level 3 & 4 NETA certified technicians in the industry
- One of the highest safety ratings in our industry and fully committed to the safety of employees and customers
- Customized reporting system to ensure on-time delivery and NETA compliance



We ensure your project is successful through superior project management, electrical engineering and testing solutions

At Electrical Reliability Services (ERS), we understand data center projects are complex and poor planning can result in high costs and significant delays.

Our qualified technicians, engineers and project managers are knowledgeable about your industry, your equipment and your electrical needs. Our services support the project lifecycle from engineering and design to ongoing and predictive maintenance.

Engineering & Design

As you begin to plan for a new project or evaluate an existing system, you need accurate data and analysis to help you make important decisions.

- Engineering studies
- Electrical engineering
- Protection and controls

Commissioning & Acceptance

Our comprehensive commissioning services for new and existing facilities help to build and maintain best-in-class facilities that deliver increased flexibility, efficiency, and reliability.

- Commissioning
- Acceptance testing
- Equipment upgrades & replacements

Ongoing & Preventive Maintenance

As a founding member of NETA, we understand maintenance is critical to the operation and optimal performance of your system.

- Preventive maintenance
- Predictive maintenance
- Corrective maintenance
- Maintenance management
- Recommissioning
- Monitoring
- Emergency service rapid response

We offer solutions that address the biggest concerns in the data center industry

Sustainability

Faced with growing regulatory and commercial pressure, many data center owners and operators are tasked to improve energy efficiency and sustainability.

We understand this shift requires a new way of planning, designing, and executing new builds or modifying legacy facilities. We have experts who are knowledgeable about the intricacies of the renewable energy system.

Our renewable energy services include:

- Electrical planning services
- Electrical engineering and design
- Grid and storage integration
- Electrical maintenance
- Performance optimization

Reliability

As a founding member of NETA, we have a deep knowledge and expertise across the entire electrical system. We help facility, maintenance, and data center managers effectively manage risks, reduce costs and ensure safe, reliable operation of their most critical assets.

From our decades of experience, we understand that electrical testing and maintenance has a dramatic impact on increasing the reliability of your electrical power system. Regular inspection and testing can extend the life of your equipment and minimize unplanned downtime.

We are a leader in staffing Level 3 & 4 NETA technicians who are committed to ensuring your power reliability 24x7x365.



Summary

Entrust your mission critical infrastructure to the most dedicated partner in the industry. ERS has a long history of delivering testing, maintenance, and engineering services to more than 15,000 repeat customers.

With more than 100,000 projects completed, we have the expertise to help you navigate project complexities, deliver on safety and compliance, and boost reliability and cost savings. ERS offers services for each phase of your data center project.

We offer a systematic approach to project management to ensure easy navigation through complex project planning and execution, providing consistency across multiple sites and regions.

Equipment we service inside and outside of data centers are:

- Power distribution units
- Cabling and busway
- Grounding systems
- HV & LV Transformers
- Circuit breakers and switches
- Relays
- Transfer switches
- Remote Power Panels
- UPS systems
- Generators
- Switchboards and panelboards
- Batteries

More Information

To learn more about ERS's Data Center Solutions, please contact us at (888) 468-6384 or visit ERS.vertiv.com.