DATA CENTERS

Businesses rely on data centers to support essential operations with secure, reliable computing. ERMCO has been providing services for data center construction for over 10 years, regionally and nationally. Our project experience ranges in size up to 80MW and it means we understand the requirements for quality, safety, scalability and reliability.

QUALITY CONSTRUCTION, RELIABLE OPERATIONS

Data centers have significant power, redundancy and infrastructure requirements in order to maintain uninterrupted operations. We collaborate with the contractor and the owner to provide the needed:

- **Reliable power,** including primary power, reserve power, UPS power and generator power as needed.

- **Scalable infrastructure** that supports primary and backup systems and allows future facility build-out or expansion.

- **Specification coordination** with detailed specification reviews and on-site quality control, reducing rework and setting the stage for a smooth commissioning process.

COMPREHENSIVE APPROACH TO BUILDING CONTROLS

Data centers often deal with sensitive and proprietary information, so sites have to be both physically and digitally secure as well as maintained at strict temperature and humidity levels. ERMCO's in-house experts can help with:

- Building automation and management systems

- Temperature controls

- Power monitoring

- Security, CCTV and access controls systems

- Fire alarm systems

HIGH-SPEED, HIGH-DEMAND CONSTRUCTION

As data storage demand increases, so does the need for additional data center capacity. ERMCO has the expertise and resources needed to meet the compressed construction schedules often required. Our approach addresses:

- **Labor management** which includes monitoring productivity and workforce levels and adjusting to meet schedule requirements.

- **Equipment and materials planning,** by defining the large quantities of equipment and material needed early in the project, long lead items can be purchased and efficiently coordinated with the construction schedule.

- **Strategic prefabrication** allows for just-in-time delivery, streamlined on-site labor and enhanced safety.

WOULD YOU LIKE TO KNOW MORE?

For more information on how ERMCO can help with your energy management needs, contact:

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DATA CENTER EXPERIENCE

FEATURED CLIENT -
ADESA LIFELINE DATA CENTER

In today's technology-based society, information storage and exchange is central to a corporation's ability to function. ERMCO has been working with clients for over 10 years to build data centers across the country and in our own city starting with ADESA, an auto auction company with offices in central Indiana.

With uncontrollable factors such as weather and power outages threatening information, many companies turn to external, back-up data centers. This was the case for ADESA, when they decided to work with ERMCO to build a disaster-proof data center in Lifeline Data Centers' Indianapolis facility. The facility provides the space, power, and cooling needs for a data center that can be custom fit for each client's needs.

There were several challenges, including a quick timeline with work being done in stages that allowed ADESA to maintain uninterrupted operations. The project location had to stay especially clean because of the sensitivity of the equipment. All cabling was run on overhead raceways which required special retrofitting of equipment as well as keeping the cabling dressed as it would be visible. ERMCO, ADESA and Lifeline are all proud of the completed facility.

ADDITIONAL CLIENTS

Confidential Client 80MW Data Center, Reno, NV

Confidential Client 75MW Data Center, San Antonio, TX

Belden Data Center, Indianapolis, IN

Midwest ISO Data Center, Carmel, IN

MEDCO G3 Facility, Whitestown, IN

Community Hospital Data Center, Indianapolis, IN