



MISSION CRITICAL

**IT REQUIREMENTS CHANGE QUICKLY.
NOW YOUR DATA CENTER CAN TOO.**

MECHANICAL SERVICE STEEL ENERGY WATER ELECTRICAL **MISSION CRITICAL**



Centercore™ keeps data center space continually matched to current IT demands.



Centercore™ is our premier data center solution because it has the look, feel and flexibility of traditional construction—yet it's delivered in core units that accelerate the production schedule and result in a lower total cost of ownership. Get an analysis of how Centercore™ compares to your ground-up construction plans, and you may never pay for traditional construction again.

RK Mission Critical has formed a venture partnership with Fidelity Real Estate Company to offer Centercore™. These high-quality data centers are constructed off-site in our fabrication facility and then quickly assembled at a customer's site. The units are fully self-contained, weather tight and only require utilities and network connections.

Centercore™ is ideal for “big data” businesses whose core function is their data centers—this includes Internet-based and e-commerce companies as well as colocation and cloud providers. We also serve enterprises in data-intensive industries—such as healthcare, finance, higher education and research—that recognize the value in operating their own data centers.

The scalability of these core units allows organizations to rapidly expand their data centers to match changing IT requirements. Customers benefit by only paying for the amount of space they need, which maximizes efficiency, yields financial benefits due to accelerated depreciation, and ultimately results in greater efficiency and a lower total cost of ownership.

Centercore™ uses similar techniques as traditional construction...

- The look and feel of traditional construction
- Control over facility and IT design and process
- Security and risk mitigation
- Stability and resiliency
- Familiar, known process

With proven benefits that traditional construction can't match:

- Lower total cost of ownership
- Capital preservation due to build-on-demand model
- Financial benefits of accelerated depreciation
- Allows for complete customization
- Significantly reduces construction time
- Open design: technology and vendor agnostic
- Improved energy efficiency
- Scalable: add units like building blocks
- Self-contained with hardened shell
- Flexible density and redundancy
- Contiguous IT space
- Predictable quality control
- Future proof



A custom CRAC unit being fabricated and assembled at our Henderson facility.



Centercore™ core units are added like building blocks as IT requirements increase.

RK Mission Critical offers a variety of data center solutions.

Although Centercore™ is an ideal solution for fast-growing enterprises, colocation and cloud providers, we recognize that different organizations have different needs, so we offer data center solutions to fit all space, schedule and budget criteria.

Mechanical and Electrical Systems for Traditional Construction

For organizations in the initial stages of planning a traditionally constructed data center, we can connect you with general contractors, architects and engineers with data center expertise. Already have a GC for the job? Recommend that they accept our bid to design, fabricate and install all mechanical and electrical systems using our expertise in data center construction.

Containerized and Skid-Mounted Data Centers

These are cost-effective data center solutions that may be an organization's best course due to budget constraints or the need for highly mobile units that are easy to transport. Our team specializes in designing and fabricating all types of modular and skidded data centers for both outdoor use and indoor warehouse environments.

Whether it's a Centercore™, traditional construction or skid-mounted solution, we offer:

- Plan-spec, design-assist and design-build experience
- Preconstruction: advanced estimating for expedited project costing
- Engineering: Our BIM experts are Certified Autodesk Trainers
- Fabrication: 155,000 square feet for fabricating facilities and mechanical systems
- Operations: Expert project management under ISO 9001:2008 quality standards and OSHA VPP-accredited safety standards
- Energy enhancements: Many LEED-Certified professionals who build systems for LEED compliance

Any location. Any time.

There are good reasons to build a data center close to headquarters—or far away. For organizations that want a data center close to home but lack the physical footprint for traditional construction, we can develop solutions for small spaces. For organizations that want to build their data center in a state that offers technology tax incentives, we make it easy to get up-and-running remotely.

Not sure where to build it? We can consult on the best location.

Any location, any time—we can deploy it quickly.



The interior of a high-security data center where indoor Centercore™ units are added as needed.

YOUR PROJECT IS BACKED BY THE POWER OF RK



Seven Business Units to serve you.

RK Mission Critical is a business unit of RK. We partner with RK's other units (Mechanical, Service, Steel, Energy, Water and Electrical) and draw on the knowledge of over 1,000 employees. Let us be your single source for completing several project requirements while managing the entire supply chain. This reduces sub management headaches because our units work together to get more done with fewer miscommunications and delays.



Seven Acres of leading-edge, climate-controlled fabrication facilities.

Our well-equipped 110,000 square-foot facility in Henderson, Colorado is clean, climate-controlled and operated by a skilled team. This space includes:

- 50,000 sq. ft. for structural and modular fabrication
- 30,000 sq. ft. for piping fabrication
- 10,000 sq. ft. for nonferrous metals fabrication
- 20,000 sq. ft. of office and operations space



Quality and Safety? Our accreditations and record say it all.

RK is recognized for quality and safety: We're an ISO 9001:2008 Certified contractor, AISC-Certified and we're one of the few companies nationwide to achieve ASME Div. 1 & 2 Certification.

We're also the 53rd U.S. business in all industries to achieve the OSHA VPP Star Mobile Workforce Accreditation. Plus, we've also earned the OSHA VPP Worksite Accreditation; *RK is the only U.S. firm in the construction industry to achieve both of these prestigious OSHA accreditations.* Safety and quality aren't just preached; they're woven through everything we do, every single day.



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