



Your Trusted Data Center Construction and Operations Partner

For over two decades, Compu Dynamics has been at the forefront of innovative data center solutions. We specialize in transforming facilities into high-performance, optimized data center environments, ensuring seamless integration of power, cooling, and network infrastructure. Compu Dynamics has been the preferred partner for the leading colocation, hyperscale cloud, and AI-infrastructure organizations, delivering reliable, cost-effective, and cutting-edge facility solutions on time and at scale.



Expertise

Proven success in designing and building advanced electrical, mechanical, liquid cooling, network, and security infrastructure for mission-critical data centers.



Experience

Over 500 megawatts deployed nationwide, leveraging cutting-edge technologies to create tailored solutions for complex computing environments.

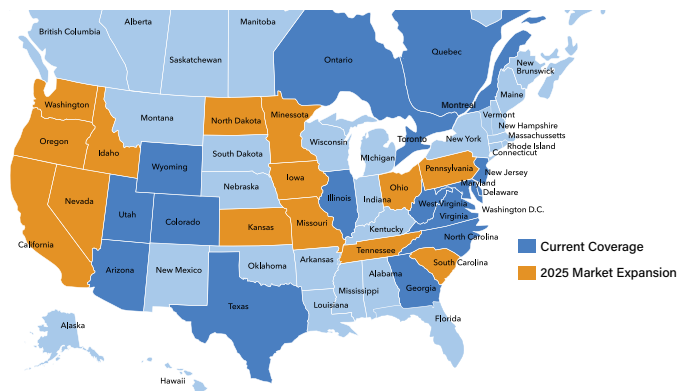


Execution

Delivering industry leading project management combined with the capabilities of a self-performing contractor, with end-to-end services, ensuring customer success with on time completion and reliable operations.

Comprehensive North American Coverage: Where You Need Us, When You Need Us.

Compu Dynamics provides top-tier data center construction and operations solutions across North America, leveraging self-perform capabilities and a vast network of top-notch partners. This ensures rapid scalability, expertise, and efficiency in every project, from new AI infrastructure builds and hyperscale cloud deployments to legacy data center modernizations, delivering seamless execution in all key markets.



Building and Transforming Future-ready Data Center Infrastructure

Design and Build Services

- Comprehensive white and gray space fit-outs, including both design and transformation.
- Expertise in new builds, as well as decommissions and retrofits of legacy data centers.
- Seamless integration of electrical, cooling, and network systems for optimized performance.

Advanced Cooling Solutions

- Liquid cooling expertise to support AI and high-performance computing demands.
- Direct-to-chip, RDHx, and immersion cooling solutions from various manufacturers.
- End-to-end solutions including design, procurement, installation, and maintenance support.
- Innovative solutions to improve energy efficiency and total cost of ownership (TCO).

Power and Electrical Infrastructure

- Data hall power distribution systems from switchgear to rack.
- Legacy site decommissioning and power regrooming.
- Busway or RPP and whip installations for high-density power needs.
- Failover analysis and arc flash studies to enhance reliability and safety.

Network Infrastructure & Connectivity

- Low-voltage fiber and copper structured cabling.
- Rack-to-rack and inside-the-rack connectivity solutions for AI workloads.
- 24/7 remote hands support.
- Data center migrations and consolidations to ensure seamless transitions and optimized performance.

Data Center Operations Support Services

- Start-up, validation, and commissioning services for new equipment and systems.
- Remote monitoring, emergency response, and support for extended warranties.
- Liquid cooling expertise with manufacturer-certified support on multiple equipment brands.
- On-site staffing with qualified, full-time technicians when needed.
- IR Thermography on critical power distribution system elements.

Specialty Construction

- Expertise in modular data center solutions, enabling rapid deployment and efficient scaling.
- Edge computing deployments, bringing critical infrastructure closer to end-users.
- Custom-built facilities tailored for unique operational and environmental requirements.
- Power harvesting facilities capable of accessing stranded power.

Industry leading partner ecosystem:

At Compu Dynamics, we stand by our commitments, ensuring you enjoy peace of mind knowing your project is in capable hands. We are one of the top VARs and certified service partners for many leading manufacturers. This means we can not only install and service their products, but also procure them for you at a substantially lower cost.



Built for Scale. Engineered for Performance.

Compu Dynamics is redefining how data center infrastructure is built, optimized, and maintained. Whether constructing new state-of-the-art facilities or retrofitting legacy sites, we provide the expertise, adaptability, and technology necessary to meet the growing demands of AI and high-performance computing.

Let's power the future together.