



Modular Data Center Solutions: Ready Wherever and Whenever You Need Them.

Compu Dynamics Modular (CDM) leverages 20 years of expertise to design and build adaptable, next-generation modular data centers. Focused on innovation, CDM enhances IT density, scalable power, and advanced cooling for reliable and cost-effective solutions, from concept to completion.

Your Vision. Our Expertise.

- **Customer-Defined Solutions:** OEM-agnostic designs tailored to your needs. No vendor lock-in, just the best fit for your applications.
- **AI & HPC Expertise at Scale:** Specialists in high-density, liquid-cooled environments for AI and GPU workloads—trusted by colocation, hyperscalers and neocloud providers.
- **End-to-End Lifecycle Expertise:** Full-service support from design to 24/7 operations, backed by 20+ years of experience.
- **Trusted Leadership:** Industry veterans from top OEMs delivering trusted solutions for hyperscale, edge, and colocation.
- **Streamlined Delivery & Integration:** Pre-engineered modules and ISO-based processes ensure fast, disruption-free deployment.

Modular Data Center Solutions for AI-Driven Growth.

To meet the demands of AI, modular data centers must deliver scalable power, advanced cooling, and flexible growth. AI-ready power architectures support high-density compute, while integrated liquid cooling and heat exchangers ensure thermal efficiency. Modular design enables seamless expansion, allowing infrastructure to evolve alongside rapidly advancing AI workloads.



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Over 20 years of Data Center Infrastructure Expertise

CDM takes a customer centric approach to modular data centers leading the way by building customized, reliable modular solutions for AI and high-performance compute (HPC) with unmatched expertise, free from vendor lock-in, delivering:

Design and Build Services

- **Modular Efficiency:** We design and build modular IT, power, and cooling solutions that maximize efficiency, reduce environmental impact, and support scalable growth.
- **Precision Engineering:** Our product development and manufacturing processes ensure reliable, high-performance deployments with seamless integration.
- **Integrated Scalability:** Electrical, cooling, and network systems are integrated to enhance operational efficiency, with flexible scalability through standardized modules.

Customized Modular Solutions

- **Expert Customization:** Our deep industry knowledge enables us to deliver modular data centers tailored to specific operational and environmental needs.
- **Edge & Energy Optimization:** Edge solutions improve performance and accessibility, while power harvesting boosts energy efficiency and sustainability.
- **Smart Deployment:** Digital twin technology reduces scope changes and ensures precision from design through deployment.

Advanced Cooling Solutions

- **Cooling Expertise:** We offer liquid cooling tailored for AI and HPC, including direct-to-chip, RDHx, and immersion cooling from top providers.
- **End-to-End Delivery:** From design to maintenance, we ensure cooling solutions deliver optimal performance and reliability.
- **Efficiency and Cost Savings:** Our cooling strategies improve energy efficiency and lower total cost of ownership (TCO) for dense deployments.

Power and Electrical Infrastructure

- **Strategic Design:** Our electrical planning ensures efficient, reliable infrastructure for evolving operational needs.
- **Modular Power Solutions:** Flexible modules—enclosed or skid-mounted—scale from 250 kW to 2 MW with redundancy.
- **Integrated Power Systems:** Solutions include modular distribution, rack-level integration, and legacy decommissioning for peak performance.

Network Infrastructure

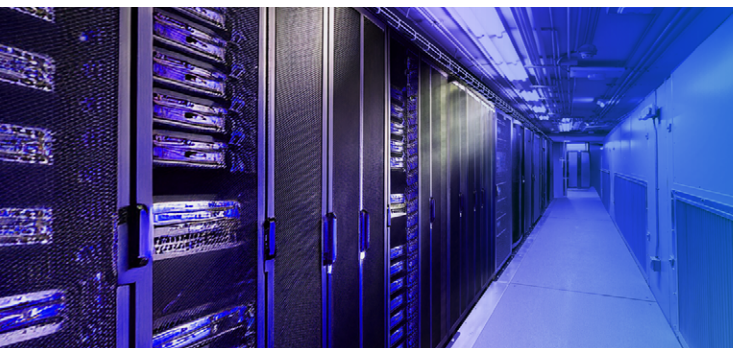
- **High-Performance Connectivity:** Scalable fiber and copper cabling solutions designed for efficient, reliable, and AI-optimized data flow.
- **Expert Migration & Support:** Seamless data center transitions and 24/7 remote hands support ensure minimal disruption and continuous operations.
- **AI-Ready Infrastructure:** Engineered rack-level connectivity to support high-density AI workloads with precision and performance.

Comprehensive End-to-End Support

- **Lifecycle Services:** With 20+ years as a non-OEM provider, we offer full lifecycle services from design to 24/7 operations—ensuring seamless execution and cost-efficiency.
- **Integrated Solutions:** Our project management, self-performing contractor model, and pre-installed IT options enable plug-and-play deployment and long-term success with comprehensive SLAs.

Trusted Partnerships for Industry-Leading Modular Data Center Solutions.

CDM works with the industry's top infrastructure manufacturers to deliver cutting-edge solutions tailored to your data center needs. Our strategic partnerships ensure best-in-class performance, reliability, and scalability for high-density deployments, AI workloads, and mission-critical operations.



Built for Scale. Engineered for Performance.

CDM is transforming how modular data center infrastructure is designed, optimized, and maintained. With unparalleled expertise, adaptability, and innovative technology, we deliver vendor-agnostic solutions that meet the growing demands of AI and high-performance computing.

Let's drive modular innovation and efficiency – together.



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For full solutions details, visit <https://cdmodular.ai>
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