

White Space Integration

Compu Dynamics specializes in comprehensive support for General Contractors (GCs) by assuming responsibility for the entire white space scope from gallery to rack. This typically includes **Electrical, Low Voltage, Containment, and Mechanical/Liquid Cooling Systems**. We can also manage other trades when their scope is needed inside data halls such as Structural Ceilings, Fire Suppression, Fire Alarm, BMS/Monitoring, and Security.

Our approach involves seamless coordination with our own self-perform workforce, our own separate subcontractors, and the GC's base building subcontractors, allowing GC personnel to remain laser-focused on base building completion while we concentrate on white space integration. During pre-construction and design phases, we collaborate closely with GCs, Colos, and End Users to ensure compatibility of the data hall utilities with the base building infrastructure. Our solutions prioritize fault tolerance, constructability, coordination with base building systems, maintainability, commissioning, and problem-free service readiness.

Given the advent of AI, we anticipate denser white spaces in data centers, incorporating high-density power distribution, liquid cooling systems, and high-capacity network infrastructure. Delivering these complex systems in a fully-coordinated manner is a growing challenge.

With experience spanning over 50 nationwide liquid cooling projects, we bring unparalleled expertise in this evolving domain. Our commitment is to deliver seamless, highly coordinated, and future-proof white space integration solutions, empowering clients to navigate the evolving complexities of modern data center environments.

Qualifications

- **Decades of Specialized Experience:** With over two decades dedicated to Electrical, Low Voltage, and Mechanical services, we bring specialized expertise in data center specialty trades.
- **Licensed Subcontractor with Self-Perform Capabilities:** As a licensed subcontractor, we possess the capability to self-perform in Electrical, Low Voltage, and Mechanical systems.
- **Extensive Project Portfolio:** Having completed hundreds of data hall projects within colocation data centers across the US, our experience speaks for itself.
- **Provider Relationships:** We have earned strong associations with nearly every major colocation provider in the US, offering a deep understanding of their specific requirements.
- **Service for Cloud Providers:** Our track record includes providing White Space Integration services for all major cloud providers, affirming our adaptability and reliability.
- **Manufacturer Relationships:** Leveraging close ties with leading manufacturers of white space power, cooling, and network equipment, we facilitate equipment procurement, bridging any gaps in client-supplied products.
- **Expertise in Liquid Cooling Systems:** Setting us apart from industry peers, we possess unique proficiency in handling liquid cooling piping systems alongside traditional fit-out infrastructure.

From concept through completion, Compu Dynamics' in-house team brings you industry-leading capabilities all under one roof resulting in scalable and flexible solutions which meet today's requirements while anticipating tomorrow's demands.

For more information, please contact us at sales@compu-dynamics.com.

