

High-Density Workloads

Overcome demand vs. supply power constraints for high-performance compute and AI/xPU workloads.

The surge in high-density workloads has organizations scrambling to find data centers that can meet power provisioning demands. Our advanced colocation data centers have pre-contracted utility power in reserve—plus the space, connectivity and advanced cooling solutions required—to support your high-density workload requirements.

How We Work With You

Our experts are here to partner with you to implement the best-fit plan for your high-performance workload requirements by delivering up to 125kW per rack for liquid cooling and up to 50kW per rack for air-cooled infrastructure. For planning, budgeting and implementation purposes, we will work with you to:

1

Understand your current and future infrastructure objectives

2

Review high-density server, systems and equipment specifications 3

Identify available power reserves, advanced cooling, connectivity, and other necessary infrastructure to support the project

4

Assist with build-out, as required

At Csquare, we are prepared to meet skyrocketing data center power demand due to proactive allocation of utility power, pre-negotiated utility contracts, and continuous reinvestments. We perform ongoing facility upgrades and expansions to provide our customers with speed to value in highly reliable, highly connected facilities built to support emerging infrastructure technologies.

Csquare Benefits for High-Density Workloads

Pre-contracted Available Power

Procure high-density-ready colocation power and space in key metros without delay and accelerate power provisioning to keep pace with deployment timelines.

Advanced Cooling

Access high-efficiency air-based cooling that meets most workload requirements, or work with our team to incorporate hybrid- and liquid-cooled solutions, as necessary.

Learn More

Unmatched Reliability

Tap into seamless continuity and trusted performance backed by a 100% uptime SLA, robust N+1 power redundancy, and consistent operational standards at each of our facilities.

Robust Connectivity

Accelerate your network potential with diverse connections to major network providers, cloud on-ramps, and digital access to our trusted service providers.

The Csquare Advantage

Unwavering Reliability Unmatched Flexibility Superior Customer Care

About Csquare

Csquare is a preeminent colocation provider with a proven track record of providing highly reliable data center services.

Prioritizing security, reliability and superior customer service, Csquare offers flexible data center solutions backed by a 100% uptime guarantee for thousands of diverse organizations across all industries. Learn more at csquare.com.

Whatever you need, we are here to help.

Got questions about our services? Looking for space and power availability? Need pricing? Want to schedule a tour? Drop us an email or give us a call.