CtrlS™ Asia's Largest
Rated 4 Datacenter

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CtrlS has pioneered Rated-4 hyperscale data centers across India. What technological innovations are you most proud of, and how do they differentiate CtrlS in a rapidly evolving digital infrastructure landscape?

At CtrlS Datacenters, our AI-ready, Rated-4 datacenters go beyond increasing rack capacity to include purpose-designed systems for next-gen computing. We offer rack densities up to 250 kW and support liquid immersion and direct liquid-cooling, reducing cooling energy use by up to 95%. Our 40-acre campus near Hyderabad features ultra-high-density configurations (135 kW per rack, immersion cooling up to 300 kW per rack) and targets a PUE of 1.12 to 1.32, which only a few providers in India match.

We have integrated sustainability and distributed footprint considerations into our strategy. Our solar-module façades, large-scale captive solar farm, and focus on free-air and modular cooling designs highlight that we prioritize efficiency, low-carbon operations, and flexible deployment over scale. Essentially, CtrlS stands out by combining

forward-thinking design, climate-conscious engineering, and versatile deployment, resulting in smarter, not just larger datacenters.

CtrlS has committed $2 billion to expansion and sustainability. How do you balance aggressive growth with environmental stewardship, especially in high-energy sectors like data centers?

Our $2 billion investment plan represents both an ambitious expansion and a strong commitment to environmental care. Sustainability is integral to our growth strategy. Over time, CtrlS has introduced more than 200 innovations, with over 80 dedicated to improving energy efficiency and reducing environmental impact. Most of our facilities hold LEED Platinum certifications, and some campuses function as zero-pollution, zero-waste sites equipped with advanced air filtration systems for areas with high pollution levels.

We are also leading one of India's most ambitious renewable transitions in the datacenter sector. In 2025, we commissioned GreenVolt1, our captive solar farm near Nagpur, which now powers a portion of our operations in Mumbai. We have also secured long-term PPAs to increase renewable energy across additional campuses and installed solar façades integrated into buildings. Looking ahead, CtrlS aims for 100% renewable energy use and net-zero emissions by 2040. Each new facility is engineered for AI-capable

density, with responsible power usage, employing liquid immersion cooling, recycled water systems, and maintaining a PUE around 1.35.

With CtrlS expanding into Southeast Asia and the Middle East, what are the key challenges and opportunities in taking India's data center excellence global?

The outlook is promising, with our foundation of Rated-4 design, strong operational discipline, and India-based scale providing an advantage. As we step into markets like Thailand, emerging hubs with favourable government incentives, growing hyperscale demand and strong connectivity, there is a clear runway for growth. Southeast Asia may add gigawatts of datacenter capacity this decade, while the Middle East emerges as a leader in AI and digital infrastructure, providing opportunities to leverage Indian expertise globally.

However, challenges remain, especially globally. Operating outside India requires navigating local regulations, land, power, latency, and cultural norms. To carry Indian datacenter expertise overseas successfully, adaptation is key. We build local partnerships, tailor region-specific value propositions, and adapt our strengths to regional needs.

CtrlS serves mission-critical clients across sectors like BFSI, telecom, and government. How do you tailor your solutions to meet the unique

needs of these industries while maintaining scalability and security?

In the BFSI sector, where regulatory compliance, 24/7 availability, and transaction integrity are non-negotiable, we provide purpose-built Rated-4 datacenters and services designed specifically for banking workloads. We combine multi-layered physical and cyber security with regulatory compliance to RBI, IRDAI and SEBI, supported by one of the largest pools of certified datacenter experts. We host one in three of the top Indian banks and manage 11 of the top 20 banking IT loads, delivering a 99.995% uptime SLA through N+N redundancy, advanced disaster recovery frameworks, GIS-based substations, and a pre-approved power ecosystem. Built-to-suit options, dedicated power, and capacity ensure we meet precise security and operational specifications without compromise.

For telecom, government, and large enterprise clients, we address latency, data sovereignty, and edge localization through a distributed network of facilities in tier-1 and tier-2 cities, combined with a targeted edge datacenter strategy. Supported by strategic cloud and connectivity partnerships, strict sustainability standards, and investments in innovative technologies like liquid cooling and high-density racks, our approach enables clients to expand capacity, introduce new services, or handle demand surges without compromising scalability, security, or reliability.

CtrlS has been recognized for energy efficiency and green innovation. What role do certifications like LEED Platinum and awards like the Golden Peacock play in building trust with enterprise clients?

Certifications such as LEED Platinum and awards such as the Golden Peacock validate our operational and infrastructural excellence. Achieving LEED Platinum, the highest standard for responsible construction, shows our commitment extends beyond marketing, as reflected in our design, construction, and operations. Golden Peacock Eco-Innovation award, based on industry benchmarking, highlights our leadership in energy efficiency, innovation, and governance.

For enterprise clients, this builds confidence. They seek a partner with infrastructure that is competent, measurable, audited, and resilient. Globally recognized credentials show mature systems, governance, and transparency, meeting their needs for risk management, uptime, compliance, and sustainability.

As digital sovereignty and data localization become critical, how is CtrlS helping Indian enterprises and global clients navigate regulatory compliance while scaling securely?

At CtrlS, we recognize the growing regulatory pressure on data residency, localization, and cross-border data transfers affecting both Indian enterprises and international clients. To address these needs, we have developed fully Indian-owned, high-availability Rated-4 datacenters. Our network includes 16 operational datacenters across nine major markets, offering over 250 MW of active capacity, with plans to reach 1 GW in the coming years.

This essentially means we serve as a strategic compliance partner helping enterprises adhere to national data-protection laws, data-residency requirements, and sector-specific regulations by offering local infrastructure with reliable SLAs. We also support hybrid and multi-cloud setups for global workloads. By providing local infrastructure combined with global connectivity, we enable our customers to expand securely and in compliance within the digital economy. ◼