Increasing demand for cloud services and growing adoption of artificial intelligence and other advanced technologies are driving the rapid growth of the hyperscale data center market. However, data center operators face a number of challenges, including continued supply chain delays and rising energy costs. Operators are looking for ways to streamline projects, meet sustainability objectives and simplify product sourcing across global footprints.

ProSys helps organizations expand their global data center presence while managing their supply chains, maintaining engineering standards, anticipating capacity requirements, and streamlining small to large scale repeatable rack deployments. We take on these responsibilities so that customers can focus on their core competencies and better meet their business objectives.

HYPERSCALE DATA CENTER GROWTH INHIBITORS

- **SUPPLY CHAIN PRESSURES**: Long lead times for IT products are delaying hyperscale data center projects, resulting in lower-than-anticipated revenue and loss of competitive advantages.

- **RISING ENERGY COSTS**: Operational overhead is skyrocketing due to high energy costs as the density and geographic footprint of data centers continue to increase.

- **VENDOR MANAGEMENT HEADACHES**: As organizations add data centers at the network edge, managing multiple partners, suppliers, standards and process workstreams requires significant staff resources.

- **OVERALLOCATION OF RESOURCES**: Data center operators lack the planning, forecasting, inventory control and automation to properly allocate resources to meet anticipated customer demand.


**KEY FACTORS IN HYPERSCALE DATA CENTER OPTIMIZATION**

- **PLANNING AND PRE-PLANNING CAPABILITIES**: Improved product lifecycle planning ensures that projects are completed on time, reducing capital costs, accelerating time to market and increasing competitive advantages.

- **NEGATIVE CARBON FOOTPRINT**: Reducing environmental impacts delivers real-world benefits, including lower costs and a positive perception among customers.

- **ENHANCED VENDOR MANAGEMENT**: Fully integrating edge data centers and incorporating common standards, enables operators to better allocate their supply chain and capture more market share.

Want to learn more?

Please contact your ProSys team to discuss how we may better support your hybrid and multi-cloud networking environment.