# RAPID DATA CENTER DEPLOYMENT SERVICES

**Comprehensive program management and end-to-end solutions encompassing the entire data center project lifecycle.**

**ProSys enables large enterprise organizations to streamline projects, better manage supply chains, simplify procurement and accelerate time to value while addressing sustainability challenges.**

Enterprise organizations are growing rapidly to meet increasing demand for cloud services and advanced technologies. Data collection and processing at the network edge are contributing to new and expanded data center requirements. At the same time, sustainability has become an industry priority as organizations work to reduce their carbon footprint and increase their use of green resources.

However, supply chain challenges, large-scale project complexity and technical debt make it difficult for organizations to meet these demands. Organizations are delaying projects and shifting to lesser-known or poorly understood technologies to move things forward. Meanwhile, costs continue to escalate while time to value is delayed. IT leaders and decision-makers need improved planning and design, coupled with automated tools and disciplined integration services, to overcome these obstacles.

By combining ProSys' Rapid Data Center Deployment Services with our Hyperscale Configuration and Automation Platform (HCAP), we help organizations expand their global data center presence while managing their supply chains, maintaining engineering standards, anticipating capacity requirements and streamlining rack deployment. From 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 CHALLENGES

Organizations continue to increase the size, density and geographic scope of their data center environments, but data center buildouts and expansions present a variety of challenges. Labor and materials shortages and transportation bottlenecks are straining the data center supply chain and increasing component prices.

Rack builds are increasingly complex, often involving hundreds of components from 10 or more vendors. These issues are causing data center operators to miss project deadlines, which results in lower-than-anticipated revenue and loss of competitive advantages.

Data center operators are under pressure to reduce costs and streamline large-scale projects to realize revenue on their capital investments. To meet anticipated demand, operators need improved planning, forecasting and inventory control. More rigorous design and technology standards can effectively increase efficiency and enable automation.

## RAPID DATA CENTER DEPLOYMENT SERVICES

ProSys' Rapid Data Center Deployment Services include comprehensive program management with end-to-end solutions encompassing the entire data center project lifecycle:

### ENGINEERING DESIGN

- Technical Standards
- Design Documentation
- Country-specific Validation

### INTEGRATION SERVICES

- Asset Tagging & Packaging
- Device Configuration & Validation
- Rack Integration & Fabrication
- World-class Integration Centers

### FORECASTING & SUPPLY CHAIN MANAGEMENT

- Global Pricing
- SKU-based Ordering
- Managed Stocking Programs

### COMPLIANCE & GLOBAL LOGISTICS SERVICES

- Import/Export Customs Clearance
- Site Surveys & Onsite Installation
- Ongoing Maintenance
- Day 2 Support

ProSys' Hyperscale Configuration and Automation Platform integrates configuration, workflow automation, validation, and reporting tools in one cloud-based interface. All data related to the rack design is consolidated into a single repository with embedded change and version control. Orchestration tools validate the requirements within HCAP, helping to ensure the delivery of a defect-free solution.

HCAP also gives customers greater visibility into the status of their rack builds. The secure cloud-based dashboard allows them to view designs and track projects throughout the production cycle. Their dedicated deployment team also provides frequent updates to help ensure the successful outcome of every initiative.

## THE PROSYS APPROACH

ProSys offers proven rapid data center deployment services encompassing design, setup, integration and deployment. Our engineers help customers develop data center designs and standards across their data center footprint, and effectively forecast builds and equipment requirements. We also monitor supply chain constraints and take action to avoid delays that could impact the project timeline.

We leverage industry-leading design software and automated tools for defect-free, plug-and-play, pre-integrated rack builds, significantly decreasing the time from PO to production. Our unique Hyperscale Configuration and Automation Platform (HCAP) features best-of-breed rack design and factory automation software to minimize the need for manual validation.

These investments bring immediate value to our customers by enabling them to track builds and manage orders in real time, easing timelines related to the design and order process. Builds can be modified without introducing significant margin for error.

## WHY PROSYS

ProSys Rapid Data Center Deployment Services effectively address the key issues facing data center operators, enabling them to outsource supply chain management, rack/server build processes and global logistics to a trusted partner. We provide comprehensive engineering design services and have made heavy investments in automation and process optimization. HCAP builds quality into workflows by enabling us to seamlessly iterate, modify, validate and reiterate designs.