

# Data Center Support Infrastructure Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

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## Abstracts

Data Center Support Infrastructure Market Summary

### Introduction

Data center support infrastructure, encompassing power distribution, cooling systems, racks, and security solutions, ensures reliable and efficient data center operations. The market is driven by the global surge in data center demand, with facilities projected to exceed 20,000 by 2025 (Synergy Research). Sustainability trends and the rise of cloud computing and 5G networks fuel growth. The global data center support infrastructure market is projected to reach USD 40–70 billion in 2025, with a CAGR of 6%–10% through 2030.

### Regional Analysis

**North America:** The U.S. leads with hyperscale data centers, while Canada focuses on sustainable infrastructure.

**Europe:** Germany and the UK drive growth through green energy policies and cloud adoption.

**Asia Pacific:** China and India grow rapidly with digital transformation, while Singapore emphasizes energy-efficient solutions.

Rest of the World: Brazil and the Middle East expand through digital infrastructure investments.

## **Application Analysis**

Large Enterprise: Expected growth of 6.2%–10.2%, driven by hyperscale and cloud computing needs. Trends focus on scalable infrastructure.

Small & Medium Sized Enterprises: Projected growth of 6.0%–10.0%, with demand for cost-effective, modular solutions.

## **Infrastructure Analysis**

Power Distribution Systems: Expected growth of 6.2%–10.2%, driven by reliable power needs. Trends emphasize energy efficiency.

Cooling Systems: Projected growth of 6.1%–10.1%, with innovations in liquid cooling.

Racks and Enclosures, Site and Facility Infrastructure, Security Systems: Growth of 6.0%–10.0%, with focus on modular and secure designs.

## **Key Market Players**

Leading firms include Schneider Electric, offering integrated solutions; Vertiv, specializing in cooling; Eaton, Leviton, Legrand, ABB, Motivair, Rittal, Chatsworth Products, Panduit, Raritan, Corning, Emerson Network Power, and Hubbell, innovating in energy-efficient and modular infrastructure.

## **Porter's Five Forces Analysis**

Threat of New Entrants: Moderate, due to high capital requirements, though green tech firms can enter.

Threat of Substitutes: Low, as support infrastructure is critical for data center operations.

Bargaining Power of Buyers: Moderate, with data centers seeking efficient, scalable systems.

Bargaining Power of Suppliers: Low, due to multiple component providers.

Competitive Rivalry: High, with competition on efficiency, sustainability, and cost.

### **Market Opportunities and Challenges**

Opportunities: Growing data center numbers (20,000+) and 5G-driven cloud expansion drive demand. Sustainable infrastructure and Asia's digital growth enhance sales.

Challenges: High costs of advanced systems limit adoption for SMEs. Regulatory compliance and energy efficiency requirements pose hurdles.

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