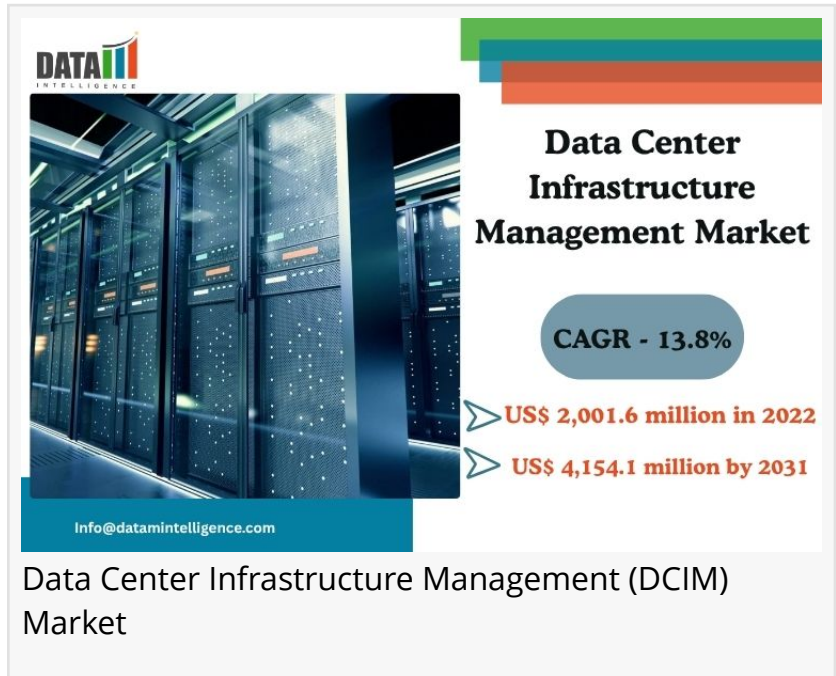


Data Center Infrastructure Management Market to Reach \$4.15B by 2031, Driven by AI & Green Data Center Demands

Data Center Infrastructure Management Market to hit \$4.15B by 2031, driven by AI, cloud, and sustainability.

AUSTIN, TX, UNITED STATES, July 28, 2025 /EINPresswire.com/ -- The [Data Center Infrastructure Management \(DCIM\) Market](https://www.datamintelligence.com/data-center-infrastructure-management-market) size reached US\$ 2,001.6 million in 2022 and is projected to witness lucrative growth, reaching up to US\$ 4,154.1 million by 2031. The market is growing at a CAGR of 13.8% during the forecast period (2024–2031). This strong upward trajectory reflects the rising importance of real-time infrastructure control, energy optimization, and asset monitoring as global data centers scale up to meet demand from AI, cloud computing, and digital transformation.



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Data Center Infrastructure Management Market to surge from \$2.0B in 2022 to \$4.15B by 2031, driven by AI, cloud, and ESG goals smart infrastructure is no longer optional, it's mission-critical.”

DataM Intelligence

Market Dynamics:

Key Drivers:

Data Explosion & Cloud Dependency

Enterprises across sectors are generating and storing unprecedented amounts of data. This demand drives the need for more efficient data centers and management tools, where DCIM solutions offer the perfect ecosystem for seamless control and operations.

AI Integration & Automation

With the rise of AI and machine learning workloads, the pressure on data centers has increased significantly. DCIM platforms help automate critical tasks, monitor resources proactively, and predict maintenance needs reducing downtime and costs.

Sustainability & Energy Efficiency

Data centers are among the largest consumers of electricity. Governments and industries alike are pushing for greener operations. DCIM tools allow facilities to track energy usage, identify inefficiencies, and reduce environmental impact, aligning with global ESG goals.

Complexity of Hyperscale Data Centers

As businesses scale up, managing thousands of servers, cooling systems, and networks becomes a monumental task. DCIM simplifies operations through a centralized dashboard that provides insights across IT and facility layers.

Investment Trends:

Significant venture capital and corporate R&D investments in DCIM innovations including AI-powered analytics, liquid-cooled data centers, edge management, and composable infrastructure.

Strategic partnerships, mergers, and acquisitions in the DCIM ecosystem are frequent as companies strive to offer comprehensive solutions.

North America, especially the U.S., leads with about 40%+ market share, driven by mature technology adoption and favorable government incentives. Asia-Pacific and Europe show steady growth due to digitization and sustainability initiatives.

ROI and Opportunity:

Adoption of DCIM reduces downtime, enhances asset utilization, optimizes energy consumption, and supports predictive maintenance, which improves efficiency and cuts costs.

Investors should focus on emerging DCIM technologies addressing hyperscale and edge data centers, AI-driven analytics, and sustainability reporting tools.

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Market Key Players:

Schneider Electric
Vertiv

Nlyte Software
Panduit
CommScope
Sunbird Software
CA Technologies
ABB
RF Code
FNT Software

Market Segmentation:

By Component: Solution, Services.

By Application: Asset Management, Capacity Planning, Power Monitoring, Environment Monitoring, BI and Analytics, others.

By Deployment Model: On-premises, Cloud.

By Data Center: Enterprise Data Center, Managed Data Center, Colocation Data Center and Cloud and Edge Data Center.

By Industry Vertical: BFSI, Government and Public Sector, IT and ITeS, Manufacturing, Healthcare and Life Sciences, Telecommunications and Others.

By Region: North America, Latin America, Europe, Asia Pacific, Middle East, and Africa.

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Regional Outlook:

North America

North America remains the largest market, driven by the U.S., which houses many hyperscale cloud providers and Fortune 500 companies. The region has witnessed early adoption of cloud computing, AI, and digital services, all of which increase demand for robust DCIM solutions.

Europe

Europe follows closely, driven by sustainability mandates, GDPR compliance, and increasing demand for colocation and green data centers. Countries like Germany, the Netherlands, and the UK are key growth hubs.

Asia-Pacific

The APAC region is poised for the fastest growth, led by China, India, Japan, and Southeast Asia. Booming e-commerce, 5G rollout, and rising cloud usage are creating favorable conditions for DCIM expansion.

Latest News

Latest News – USA

The United States is aggressively pushing its digital infrastructure strategy, with data center construction accelerating at an unprecedented rate.

Several major players have announced plans to build hyperscale AI-centric data centers across states like Pennsylvania, Texas, and Arizona.

Government-backed initiatives are helping fast-track permits and ease environmental regulations to accommodate AI's rising power demands.

Public-private partnerships are also driving adoption of energy-efficient DCIM platforms, especially in federal data centers.

The trend of converting older industrial or power plant sites into AI-ready data centers is fueling demand for dynamic and scalable DCIM systems.

Overall, DCIM has become foundational in the U.S. for balancing performance, uptime, and regulatory compliance in high-load environments.

Latest News – Japan

Japan's data center market is rapidly transforming as international investors and domestic operators focus on the Tokyo–Osaka corridor.

Leading global infrastructure funds are pouring billions into Japanese data center development, with multiple new campuses being planned near metropolitan areas.

Japanese conglomerates are forming joint ventures to expand high-density, edge, and AI-compatible facilities.

Energy-efficient DCIM platforms are being integrated into newly built hyperscale campuses to meet Japan's strict sustainability guidelines.

With the government promoting regional digitalization and disaster-resilient architecture, demand for smart infrastructure management tools like DCIM is soaring.

Tokyo's data center ecosystem, one of the largest in Asia, is projected to double in capacity by 2030, largely supported by DCIM-driven operational upgrades.

Japan is emerging not just as a tech hub but as a model of sustainable and intelligent data center management in Asia.

Conclusion:

The Data Center Infrastructure Management market is entering a golden age, fueled by digital transformation, AI adoption, and the global push for sustainability. With a forecasted market value of US\$ 4,154.1 million by 2031, the growth trajectory is both steady and steep.

As enterprises modernize their infrastructure, the demand for intelligent, real-time, and cloud-compatible DCIM tools will only grow. Regions like the U.S. and Japan are setting benchmarks through bold investments, regulatory evolution, and technology integration. Companies that innovate in automation, analytics, and sustainability within the DCIM ecosystem stand to benefit immensely in the years ahead.

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