

# **Data Center Infrastructure Management (DCIM) Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 to 2034**

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## **Abstracts**

The Global Data Center Infrastructure Management (DCIM) Market was valued at USD 4.2 billion in 2024 and is forecasted to expand at a robust CAGR of 22.6% from 2025 to 2034. This rapid growth is primarily driven by the increasing emphasis on energy efficiency in data centers. As these facilities are significant energy consumers, optimizing power usage has become essential to manage costs and reduce environmental impact.

DCIM solutions provide critical tools for monitoring and managing energy consumption within data centers, enabling operators to identify inefficiencies and implement data-driven strategies for improvement. These solutions facilitate enhanced power utilization, streamlined operations, and adherence to stringent environmental regulations. By offering real-time insights into power and cooling systems, DCIM helps organizations achieve their sustainability goals while maintaining operational efficiency.

The market is segmented by components into solutions and services. In 2024, the solution segment captured 70% of the market share and is projected to generate USD 25 billion by 2034. This segment's dominance is attributed to its ability to address key infrastructure management challenges through integrated tools for power usage optimization, cooling management, and asset tracking. As the digital economy expands, data centers are under pressure to scale efficiently, further increasing the demand for comprehensive DCIM solutions.

By end-use, the market is categorized into sectors such as colocation, BFSI, energy, government, healthcare, manufacturing, IT & telecom, and others. The BFSI segment accounted for 24% of the market in 2024. The need for robust infrastructure in the BFSI

sector stems from its handling of large volumes of sensitive data, where uptime, security, and compliance are paramount. DCIM tools empower financial organizations to optimize operations, enhance infrastructure reliability, and ensure uninterrupted service delivery.

U.S. data center infrastructure management (DCIM) market held 75% of the regional share in 2024, with projections to generate USD 10 billion by 2034. This leadership is driven by the nation's advanced technology ecosystem and the proliferation of data centers supporting a wide array of digital services. The presence of major cloud service providers and stringent data security regulations further accelerate DCIM adoption.

Overall, the DCIM market is experiencing transformative growth fueled by the need for operational efficiency, energy optimization, and compliance in a rapidly expanding digital landscape. The push for sustainable and reliable data center operations positions DCIM as a critical enabler of modern IT infrastructure management.

## Contents

### Report Content

#### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Research design
  - 1.1.1 Research approach
  - 1.1.2 Data collection methods
- 1.2 Base estimates and calculations
  - 1.2.1 Base year calculation
  - 1.2.2 Key trends for market estimates
- 1.3 Forecast model
- 1.4 Primary research & validation
  - 1.4.1 Primary sources
  - 1.4.2 Data mining sources
- 1.5 Market definitions

#### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry 360° synopsis, 2021 - 2034

#### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
- 3.2 Supplier landscape
  - 3.2.1 DCIM solution providers
  - 3.2.2 DCIM service providers
  - 3.2.3 Software developers
  - 3.2.4 Network infrastructure providers
  - 3.2.5 System integrators and resellers
- 3.3 Profit margin analysis
- 3.4 Cost breakdown of DCIM solutions
- 3.5 Technology & innovation landscape
- 3.6 Key news & initiatives
- 3.7 Regulatory landscape
- 3.8 Impact forces
  - 3.8.1 Growth drivers
    - 3.8.1.1 Increasing demand for energy efficiency and sustainability

- 3.8.1.2 Growth in cloud computing and data traffic
- 3.8.1.3 Rising adoption of IoT and edge computing
- 3.8.1.4 Need for improved data center uptime and operational efficiency
- 3.8.2 Industry pitfalls & challenges
  - 3.8.2.1 High initial costs and complex implementation
  - 3.8.2.2 Integration issues with existing data center infrastructure
- 3.9 Growth potential analysis
- 3.10 Porter's analysis
- 3.11 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2024**

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

## **CHAPTER 5 MARKET ESTIMATES & FORECAST, BY COMPONENT, 2021 - 2034 (\$BN)**

- 5.1 Key trends
- 5.2 Solution
  - 5.2.1 Asset management
  - 5.2.2 Network management
  - 5.2.3 Cooling management
  - 5.2.4 Power and temperature management
  - 5.2.5 Security management
- 5.3 Services
  - 5.3.1 Installation & integration
  - 5.3.2 Managed
  - 5.3.3 Consulting

## **CHAPTER 6 MARKET ESTIMATES & FORECAST, BY END-USE, 2021 - 2034 (\$BN)**

- 6.1 Key trends
- 6.2 Colocation
- 6.3 BFSI
- 6.4 Energy
- 6.5 Government

- 6.6 Healthcare
- 6.7 Manufacturing
- 6.8 IT & Telecom
- 6.9 Others

## **CHAPTER 7 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2034 (\$BN)**

- 7.1 Key trends
- 7.2 North America
  - 7.2.1 U.S.
  - 7.2.2 Canada
- 7.3 Europe
  - 7.3.1 UK
  - 7.3.2 Germany
  - 7.3.3 France
  - 7.3.4 Spain
  - 7.3.5 Italy
  - 7.3.6 Russia
  - 7.3.7 Nordics
- 7.4 Asia Pacific
  - 7.4.1 China
  - 7.4.2 India
  - 7.4.3 Japan
  - 7.4.4 South Korea
  - 7.4.5 ANZ
  - 7.4.6 Southeast Asia
- 7.5 Latin America
  - 7.5.1 Brazil
  - 7.5.2 Mexico
  - 7.5.3 Argentina
- 7.6 MEA
  - 7.6.1 UAE
  - 7.6.2 South Africa
  - 7.6.3 Saudi Arabia

## **CHAPTER 8 COMPANY PROFILES**

- 8.1 ABB
- 8.2 Cisco Systems

- 8.3 Commscope Holding Company
- 8.4 Cormant
- 8.5 Dell
- 8.6 Delta Electronics
- 8.7 Hewlett Packard Enterprise Company
- 8.8 Huawei Technologies
- 8.9 IBM Corporation
- 8.10 Infosys
- 8.11 Modius
- 8.12 Nlyte Software
- 8.13 NTT Data
- 8.14 Panduit
- 8.15 Raritan
- 8.16 Rittal
- 8.17 Reichle & De-Massari
- 8.18 Schneider Electric
- 8.19 Siemens
- 8.20 Stulz

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