

Data Center Infrastructure Management (DCIM) Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/D0AB8DE8A54BEN.html>

Date: November 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: D0AB8DE8A54BEN

Abstracts

The global data center infrastructure management (DCIM) market size reached US\$ 3.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.7 Billion by 2028, exhibiting a growth rate (CAGR) of 15.8% during 2022-2028.

Data center infrastructure management (DCIM) comprises monitoring, measuring and managing IT equipment and supporting servers, storage, power and cooling systems in data centers. It aids in observing environmental conditions and capturing detailed information in real-time. It also aggregates and analyzes power usage effectiveness (PUE) and cooling system energy efficiency using energy-monitoring sensors.

Nowadays, a number of organizations are combining DCIM with computational fluid dynamic (CFD) analysis to optimize airflow and systems placement.

Data Center Infrastructure Management Market Trends:

The growing virtualization of data centers has increased the risks of cyber threats and security breaches. Consequently, several organizations are adopting DCIM solutions to address these vulnerabilities. Moreover, the next-generation DCIM solutions are gaining widespread adoption as they are hosted on the cloud and utilize artificial intelligence (AI) and machine learning (ML) technologies. They also offer innovative features, such as scalability, faster deployment, zero-configuration analytics, data sharing and collaboration, and reduced downtime and maintenance costs. Furthermore, rapid digitization, the growing e-commerce sector and the growing integration of advanced technologies in medical devices and autonomous vehicles are some of the other factors positively influencing the market growth. Apart from this, due to the spread of the coronavirus disease (COVID-19) and consequent lockdowns imposed by governments of various countries, there is a rise in the usage of digital services in telemedicine, e-learning, Over the Top (OTT) platforms and remote working models of various organizations. This, in turn, is escalating the demand for DCIM solutions to manage

increased network traffic and data usage.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global data center infrastructure management (DCIM) market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on solution type, data center size and vertical.

Breakup by Solution Type:

Software

Asset Management Solutions

Cooling Management Solutions

Power Management Solutions

Security Management Solutions

Services

Installation and Integration Services

Training and Consulting Services

Support and Maintenance Services

Breakup by Data Center Size:

Small and Medium Sized Data Centers

Large Sized Data Centers

Breakup by Vertical:

BFSI

Retail

Telecommunication and IT

Government

Healthcare

Manufacturing

Energy and Power

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being ABB Ltd., Emerson Electric Co., International Business Machines Corporation, Modius Inc., Nlyte Software Limited, Panduit Corporation, Raritan Inc. (Legrand), Rittal GmbH & Co. KG, Schneider Electric SE, Siemens AktiengesellschaftAG and Vertiv Group Corp.

Key Questions Answered in This Report

1. How big is the global Data Center Infrastructure Management (DCIM) market?
2. What is the expected growth rate of the global Data Center Infrastructure Management (DCIM) market during 2023-2028?
3. What are the key factors driving the global Data Center Infrastructure Management (DCIM) market?
4. What has been the impact of COVID-19 on the global Data Center Infrastructure Management (DCIM) market?
5. What is the breakup of the global Data Center Infrastructure Management (DCIM) market based on the solution type?
6. What is the breakup of the global Data Center Infrastructure Management (DCIM) market based on the data center size?
7. What is the breakup of the global Data Center Infrastructure Management (DCIM) market based on the vertical?
8. What are the key regions in the global Data Center Infrastructure Management (DCIM) market?
9. Who are the key players/companies in the global Data Center Infrastructure Management (DCIM) market?

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