

Data Center Industry Expected to Generate \$517.17 Billion by 2030, Predicted by Allied Market Research

The rise in penetration of high-end cloud computing in enterprises, in developing economies drives the growth of the data center market during the period

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EINPresswire.com/ -- A data center is a physical facility that is designed to make organization computing possible and provide access to a large amount of data to perform daily operations,

applications, and other processes in a cloud computing environment. Further, modern data center design often varies based on vendors providing the services or needs of various enterprises. The modern data center consists of crucial infrastructure.

However, an occupancy detection system in automotive applications is essential for implementing applications that allow a user to maintain efficiency in run applications, online presence, and process data.

Moreover, the growing adoption of artificial intelligence and machine learning-powered solutions are forecast to propel the need for the data centers solution, which is opportunistic for market growth.

According to a recent report published by Allied Market Research, titled, "[Data Center Industry by Component, Type, Enterprise Size, and End User: Global Opportunity Analysis and Industry Forecast, 2021-2030](#)," the global Data Center Industry size was valued at \$187.35 billion in 2020, and is projected to reach \$517.17 billion by 2030, growing at a CAGR of 10.5% from 2021 to 2030.

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Rise in investment in data center technology globally coupled with rise in data center complexities due to scalability drive the market growth. However, high risk associated with data breach in emerging economies are anticipated to restrain the market growth. Further, rise in penetration of high-end cloud computing solution across prime enterprises paired with surge in penetration of Internet of Things is expected to provide lucrative opportunities for the Data Center Industry during the forecast period.

The solution segment was the highest contributor to the market in 2020. Surge in adoption of hybrid and multi cloud computing solution across prime enterprise has led the growth of solution segment during the forecast period.

The emergence of COVID-19 has significantly impacted Data Center Industry growth. The lack of availability of skilled professionals due to complete lockdown across prime economies acted as a major restraining factor for the market growth in the year 2020. However, the rise in the penetration of cloud computing solutions across prime enterprises globally is expected to drive the market by the end of 2021. Furthermore, the IT & telecommunication sector exhibited high growth potential in the deployment of data center applications, owing to the rise in demand for build-in server rooms is forecast to drive the liquid cooling systems market analysis post-pandemic.

Region wise, North America holds a significant share in the global Data Center Industry size. This is attributed to the presence of prime vendors in the region and availability of advanced technological solutions. The adoption of cloud computing solution at the IT & telecommunication and BFSI is expected to propel the growth of the virtualization security industry is anticipated to boost the growth of the virtualization security market in this region

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Key Findings Of The Study

- By component, the solution segment led the highest Data Center Industry share, in terms of revenue in 2020.
- On the basis of enterprise size, the small & medium enterprises (SMEs) segment is expected to exhibit the fastest Data Center Industry growth rate during the forecast period.
- Region wise, North America generated the highest revenue in 2020.

The key players operating in the Data Center Industry analysis include Alphabet Inc., Amazon.com Inc., Digital Realty, Equinix Inc., Hewlett Packard Enterprise, IBM Corporation, Microsoft, NTT Communication Corporation, Oracle, and SAP SE. These players have adopted various strategies to increase their market penetration and strengthen their position in the industry

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