

# **United States Data Center Market, By Solution (IT Infrastructure, General Infrastructure, Electrical Infrastructure, Mechanical Infrastructure and Others), By Type (Corporate and Web Hosting), By End User Industry (IT & Telecom, Government, BFSI, Healthcare and Others), By Region, Competition Forecast & Opportunities, 2027**

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## **Abstracts**

The United States data center market is anticipated to grow at a significant CAGR for the forecast period, 2023-2027. The booming IT & telecom industry and the rise in investments made by the companies to adopt advanced technologies for better performance, along with the need to process, analyze and store a large volume of data generated on a daily basis, are the primary factors driving the growth of the United States data center market.

A data center can be defined as a physical facility that stores critical data and applications. It consists of a large group of networked computer servers used for remote storage, processing, and distribution of large volumes of data. Data centers provide the services to customers at an affordable rate, thereby eliminating the need to invest in physical infrastructure. It offers high-performance to end-users by efficiently distributing the load across cluster nodes.

### **Rise in Adoption of Hyper-Converged Infrastructure Platform Drives Market Growth**

Hyper-convergence merges the networking, computing, and storage capability into a single system to enhance scalability and lower data center complexity. The software and hardware system are combined into a single data center to streamline the

management and processing process and improve the application performance. Advantages of using hyper-converged infrastructure include lower operational cost and capital expenditure and have the disaster recovery ability. The Hyper-convergence infrastructure offers attractive features like data deduplication and compression when used in the data center. Hyper-converged infrastructure lowers the overall hardware requirement, separate backup software, Solid-State Drive (SSD) arrays, deduplication appliances in the data center facility. It helps efficiently manage the hybrid cloud environments to optimize the delivery of business-critical applications. Hyper-converged infrastructure maximizes the return on investment, and these data centers can be managed more efficiently. Growing awareness of using Hyper-converged data centers and the rise in the number of market players are expected to boost the United States data center market growth in the next five years.

### Increasing Demand for Hyperscale Data Center Supports Market Growth

Hyperscale data centers are the business-critical facilities used to support scalable applications efficiently. They are often associated with big-data-producing companies such as Google, Amazon, Facebook, Microsoft, and IBM. Hyperscale data centers offer IT technology giants big data storage and cloud space. They have approximately 500 storage cabinets covering an ample space along with a connection of 5,000 servers connected with an ultra-high-speed fiber network to end-users. The government of the United States has undertaken an initiative of Data Center Optimization to deliver better services to the public and simultaneously maximize the return on investment by consolidating a large number of data centers in the country. Government authorities are trying to shut down the underperforming data centers and construct new hyper-scale data centers, which is expected to create huge potential for market growth in the United States.

### Market Segmentation

The United States data center market is segmented on the basis of solution, type, end user industry, regional distribution, and company. Based on the solution, the market is divided into IT infrastructure, general infrastructure, electrical infrastructure, mechanical infrastructure, and others. Based on the type, the market is bifurcated into corporate and web hosting. Based on the end user industry, the market is divided into IT & telecom, government, BFSI, healthcare and others. To analyze the market on the basis of region, the United States Data Center market is segmented into Southern Region, Western Region, Mid-western Region, and North-eastern Region.

## Market Players

Cisco Systems, Inc., Dell Technologies Inc., Hewlett Packard Enterprise, IBM Corporation, Lenovo Group Limited, NetApp, Inc., Atos SE, Equinix, Inc., AT&T Inc., Verizon Communications, Inc., are among the major market players in the United States that lead the market growth of the United States data center market.

## Report Scope:

In this report, United States data center market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### United States Data Center Market, By Solution:

IT Infrastructure

General Infrastructure

Electrical Infrastructure

Mechanical Infrastructure

Others

### United States Data Center Market, By Type:

Corporate

Web Hosting

### United States Data Center Market, By End User Industry:

IT & Telecom

Government

BFSI

Healthcare

Others

United States Data Center Market, By Region:

South

West

Mid-West

North-East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the United States data center market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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