US Data Center Construction Market Research Report Information by Offering (Infrastructure Solutions and General Construction), by Tire (Tier 1, Tier 2, Tier 3 and Tier 4), by Data Center Type (Enterprise Data Center, Colocation Data Center, Edge Data Center, Hyperscale Data Center and Micro Data Center), by construction delivery method, (Modular and Prefabricated Construction, Multi-Story Building Construction, Build-To-Suit Data Center Construction, Green Data Center Construction and Phase Build), By Industry Vertical (IT & Telecom, Retail, Manufacturing, BFSI, Healthcare, Energy & Utilities, Government and Others)- Forecast to 2032

Market Report | 2024-08-28 | 168 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price $2950.00
- Enterprisewide Price $5250.00

Report description:

US Data Center Construction Market Research Report Information by Offering (Infrastructure Solutions and General Construction), by Tire (Tier 1, Tier 2, Tier 3 and Tier 4), by Data Center Type (Enterprise Data Center, Colocation Data Center, Edge Data Center, Hyperscale Data Center and Micro Data Center), by construction delivery method, (Modular and Prefabricated Construction, Multi-Story Building Construction, Build-To-Suit Data Center Construction, Green Data Center Construction and Phase Build), By Industry Vertical (IT & Telecom, Retail, Manufacturing, BFSI, Healthcare, Energy & Utilities, Government and Others)- Forecast to 2032
Market Overview

Data center construction is the process of constructing a facility to contain computer systems, storage, and IT equipment for data handling. It entails the construction of the physical infrastructure, which includes power, ventilation, and space, to facilitate the critical technology within these specialized facilities. A variety of options are available to organizations that wish to increase the capacity of their data centers. These options include the construction of a new facility, the expansion of an existing data center through new construction, the conversion of another type of building into a data center, the leasing of dedicated capacity from a third-party data center provider, or the utilization of colocation services. Not merely a binary decision between exclusively outsourcing to a service provider or constructing a data center, the most optimal choice is contingent upon the organization's specific requirements and objectives.

The demand for connected devices and the growing adoption of the Internet of Things (IoT) have resulted in an increasing need for perimeter data centers. In contrast to conventional data centers, peripheral data centers are smaller and have lower power requirements. The necessity for such data centers is being driven by the necessity for real-time decision-making. In edge computing, the processors are situated in close proximity to the device that generates data. This is implemented to optimize the processing time. Edge data centers will perform an increasing amount of data processing in the years ahead. Centralized data centers are not particularly effective for real-time applications due to their high latency.

Market Segmentation

Infrastructure solutions and general construction are the two primary categories into which the US data center construction market is divided based on the offerings.

The US data center construction market is divided into Tier 1, Tier 2, Tier 3, and Tier 4 based on tier. When selecting a facility to hold the data, it is crucial to consider the tiers of data centers.

The US data center construction market is divided into five categories: enterprise data center, colocation data center, edge data center, hyperscale data center, and micro data center. This classification is based on the form of data center.

The US data center construction market is divided into five categories based on the construction delivery method: modular and prefabricated construction, multi-story building construction, build-to-suit data center construction, ecological data center construction, and phase build.

The US data center construction market is segmented into the following industries: IT & Telecom, retail, manufacturing, BFSI, healthcare, energy & utilities, government, and others.

Major Players

Construction companies such as Fortis Construction, M. A. Mortenson Company, JE Dunn Construction, The Whiting-Turner Contracting Company, Clayco Inc., and Clune Construction, as well as infrastructure solution/service providers such as Equinix Inc., Vertiv Group Corporation, CommScope Holding Company, Inc., Paige Electric Company, Delta Electronics, LS Cable & System USA, and Panduit, are among the key players in the US data center construction market.

Table of Contents:

TABLE OF CONTENTS

US Data Center Construction Market Research Report Information by Offering (Infrastructure Solutions and General Construction), by Tire (Tier 1, Tier 2, Tier 3 and Tier 4), by Data Center Type (Enterprise Data Center, Colocation Data Center, Edge Data Center, Hyperscale Data Center and Micro Data Center), by construction delivery method, (Modular and Prefabricated Construction, Multi-Story Building Construction, Build-To-Suit Data Center Construction, Green Data Center Construction and Phase Build), By Industry Vertical (IT & Telecom, Retail, Manufacturing, BFSI, Healthcare, Energy & Utilities, Government and Others)- Forecast to 2032

Market Report | 2024-08-28 | 168 pages | Market Research Future

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	$2950.00
	Enterprisewide Price	$5250.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2025-05-13
		Signature	