

Global Data Center Construction Market 2022-2028

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Abstracts

According to market research study published by Gen Consulting Company, the market size of the global data center construction sector is expected to rise by USD 62.5 billion with a CAGR of 11.7% by the end of 2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global data center construction market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the data center construction industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the infrastructure, tier standard, facility type, end user, and region. The global market for data center construction can be segmented by infrastructure: electrical infrastructure, general construction, mechanical infrastructure. Data center construction market is further segmented by tier standard: tier-i and ii, tier-iii, tier-iv. The tier-iii segment held the largest revenue share in 2021. Based on facility type, the data center construction market is segmented into: small - and medium-scale data center, large-scale data center. Globally, the small - and medium-scale data center segment made up the largest share of the data center construction market. On the basis of end user, the data center construction market also can be divided into: BFSI, government, healthcare, IT and telecommunication, retail, others. The IT and telecommunication segment was the largest contributor to the global data center construction market in 2021. Data center construction market by region is categorized into: North America, Europe, Asia-Pacific, Rest of the World (RoW).

By infrastructure:

electrical infrastructure

general construction

mechanical infrastructure

By tier standard:

tier-i and ii

tier-iii

tier-iv

By facility type:

small - and medium-scale data center

large-scale data center

By end user:

BFSI

government

healthcare

IT and telecommunication

retail

others

By region:

North America

Europe

Asia-Pacific

Rest of the World (RoW)

The electrical infrastructure market is further segmented into generators, power distribution units (PDUs), transfer switches & switchgears, UPS systems, others. The UPS segment held the largest share of the global data center construction market in 2021 and is anticipated to hold its share during the forecast period. Furthermore, the mechanical infrastructure market has been categorized into cooling systems, racks, others. In 2021, the cooling systems segment made up the largest share of revenue generated by the data center construction market. The general construction market is further divided into core & shell development, data center infrastructure management (DCIM)/building management services (BMS), engineering & building design, installation & commissioning services, physical security.

The report has also analysed the competitive landscape of the global data center construction market with some of the key players being ABB Ltd., AECOM Ltd., Caterpillar Inc., Cummins Inc., DPR Construction Inc., Eaton Corporation plc, Fortis Construction, Hensel Phelps Construction Co. Inc., Huawei Technologies Co., Ltd., IBM Corporation, JE Dunn Construction Group Inc., NTT Global Data Centers Corporation, Rittal GmbH & Co. KG, Schneider Electric SE, Stulz GmbH, Turner Construction Co., Vertiv Holdings Co., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global data center construction market.

To classify and forecast the global data center construction market based on infrastructure, tier standard, facility type, end user, region.

To identify drivers and challenges for the global data center construction market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global data center construction market.

To identify and analyze the profile of leading players operating in the global data center construction market.

Why Choose This Report

Gain a reliable outlook of the global data center construction market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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ABB Ltd.

AECOM Ltd.

Caterpillar Inc.

Cummins Inc.

DPR Construction Inc.

Eaton Corporation plc

Fortis Construction

Hensel Phelps Construction Co. Inc.

Huawei Technologies Co., Ltd.

IBM Corporation

JE Dunn Construction Group Inc.

NTT Global Data Centers Corporation

Rittal GmbH & Co. KG

Schneider Electric SE

Stulz GmbH

Turner Construction Co.

Vertiv Holdings Co.

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