

Article Overview

Leading IDC construction companies specialize in designing, building, and managing high-density, scalable, and energy-efficient data centers for cloud, hyperscale, and enterprise clients.

Top Global IDC Construction Companies

- o DPR Construction - A major US-based contractor, DPR is known for fast, agile delivery of mission-critical facilities, particularly for AI and cloud rollouts across North America and globally, with a strong focus on innovation in pre-construction and delivery processes .
- o Turner Construction Company - With a global footprint and a US\$39bn backlog, Turner delivers complex, resilient, and scalable data centers for hyperscalers and enterprise clients across North America, EMEA, and Asia-Pacific .
- o Collen Construction - Ireland's largest data center specialist, Collen offers full design and build capabilities, partnering with top cloud providers to deliver resilient and scalable facilities across Europe .
- o Mercury Engineering - Provides managed design, build, and commissioning services in Europe, pioneering modular and energy-efficient solutions for hyperscale and colocation projects .
- o Jacobs Engineering Group - A US-based global services firm, Jacobs leads in integrated planning, architecture, project management, and commissioning, delivering millions of square feet of white space and thousands of MW of power demand worldwide .
- o Skanska - Operating in Europe and the US, Skanska emphasizes sustainable construction, energy efficiency, and low-carbon materials while delivering high-quality data centers .
- o GROUPE IDEC INTERNATIONAL - With over 20 years of experience, this European and Asian firm specializes in secure, low-carbon, and energy-efficient data centers, offering end-to-end services from site selection to construction and fit-out .
- o Huawei Digital Power - Focuses on high-density Internet data centers with innovative, scalable, and green technologies, supporting cloud computing, big data, and AI applications .

Market Trends and Insights

The global data center construction market is projected to grow from USD 240.98 billion in 2024 to USD 821.62 billion by 2035, at a CAGR of 11.8%, driven by cloud adoption, edge computing, AI, and IoT devices . Modern IDC construction emphasizes:

- o High-density deployment (12-15 kW/rack) for cloud and AI workloads
- o Green and low-carbon technologies to reduce energy consumption
- o Scalable and flexible designs for rapid expansion
- o Enhanced security and fault-tolerant infrastructure



IDC Internet Data Center Construction Supplier

Choosing an IDC Construction Partner

When selecting a construction company for an IDC project, consider:

- o Experience with hyperscale and enterprise data centers
 - o Expertise in sustainable and energy-efficient design
 - o Ability to manage complex, high-density deployments
 - o Global or regional presence for site selection and compliance
 - o Integration of innovative technologies and modular construction methods
- These companies provide comprehensive services, including site acquisition, design, construction, commissioning, and operational support, ensuring that modern data centers meet performance, security, and sustainability requirements.

Data centers are categorized into four types: IDC, EDC, ODC, and DC. IDC focuses on customer needs, providing

IDC is the premier global provider of market intelligence, advisory services, and events for the information technology,

Discover our Internet Data Center services, featuring high-density data centers built for efficiency,

As AI and cloud surge, meet the Top 10 data centre builders shaping mission-critical,

IDC's Datacenter Facilities Index offers quantitative insights into current and forecast worldwide datacenter installation patterns

The global internet data center market size was estimated at USD 60.89 billion in 2025 and is projected to hit around

Internet Data Center (IDC) Market Overview o Internet Data Center (IDC) market size has reached to \$77.98 billion in 2025 o

IDC examines consumer markets by devices, applications, networks, and services to provide complete solutions for succeeding in

Architecting the Internet Data Center - Parts I-IV Introduction: Internet Scale vs Enterprise Scale The rise of the Internet Data Center

Discover the fundamentals of Internet Data Centers (IDCs), how they work, and their crucial role in modern



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IT infrastructure.

The IDC (Internet Data Center) market projects \$285.4B by 2025, driven by 10.6% CAGR. Explore key growth

From sourcing the right DC provider for a client to creating the roadmap for a new datacentre business IDCG has over 20 years"

Data center, colocation rack, cloud servers, managed hosting or bare metal servers? Data Center Map is your guide to the right data

It identifies emerging market requirements and growth opportunities for datacenter critical infrastructure suppliers and provides

The Idc internet data center market is valued at approximately USD 59.3 billion in 2024 and is anticipated to reach

Colocation data centers allow companies to rent space within a data center owned by others and located off company premises, as

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