

RIVO MULTITRADE OPTICAL SYSTEMS

Location of IDC Data Center Construction



Overview

Headquartered in Los Angeles, iDC is now a leading end-to-end logistics company. Ready to future-proof your supply chain?

Key Takeaways

IDC data center construction is concentrated in the U.S., Asia, and select global hubs, with Northern Virginia, Texas, and Hong Kong among the fastest-growing locations. Global Trends

IDC's Datacenter Facilities Index tracks worldwide data center construction, including new builds, retrofits, and expansions, providing insights into space utilization, power capacity, and rack density . Globally, data center capacity has grown to 67.7GW, a 36% increase over the past two years, with data centers consuming about 2% of global electricity . The U.S. remains the largest market, accounting for 43% of global data center electricity consumption, followed by China, Germany, the UK, and Japan . Growth is driven by AI workloads, cloud adoption, and enterprise digital transformation.

United States



Northern Virginia continues to be the world's largest data center market, but new hubs are emerging in Texas, Ohio, Georgia, Mississippi, and Indiana . These regions attract investment due to favorable tax incentives, affordable land, and access to renewable energy. The Midwest and South are experiencing the fastest growth in new construction, particularly for AI-focused facilities requiring high power capacities and advanced cooling systems. Major companies like Microsoft, Google, Meta, and Amazon are building hyperscale AI data centers exceeding 300MW per campus .

Asia

In Hong Kong, SUNeVision is expanding its MEGA IDC with Phase Two construction in Tseung Kwan O, adding 350,000 square feet of gross floor area and targeting completion in 2026/2027 . This expansion reflects strong demand from cloud providers and financial institutions, supported by government initiatives to promote AI development. Asia-Pacific markets are increasingly important for hyperscale and AI-driven data center growth.

Key Considerations for Location Selection

Data center construction locations are influenced by:

- Energy availability and sustainability: Access to renewable energy and efficient cooling solutions
- Regulatory and tax incentives: Favorable policies in U.S. states like Texas and Georgia
- Proximity to major cloud and enterprise customers: Ensures low-latency connectivity
- Land and construction costs: Affordable land drives expansion in emerging hubs
- AI and high-performance computing demand: Facilities are increasingly designed for GPU clusters and high-density racks

Summary

IDC data center construction is concentrated in established U.S. hubs like Northern Virginia and Texas, emerging U.S. regions in the Midwest and South, and strategic Asian locations such as Hong Kong. Growth is fueled by AI workloads, cloud expansion, and sustainability considerations, with investments targeting high-capacity, energy-efficient, and scalable facilities .

Article Content

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Interactive map of data centers in California with locations for planned and operating facilities. View our complete list of projects and

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US Data Center Map: Find AI, Cloud, and Hyperscale Facilities Near You Explore operating, proposed, and under-construction data

Los Angeles Data Centers

Below you will find locations of 73 data centers in Los Angeles, California. To find other data center locations and colocation, cloud or

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New Data Center Developments: September 2025

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Data Center Tracker: See If There's a Facility Near You

Business Insider's new map shows 1,416 data centers built or approved for construction in 45 states and Washington,

Where Data Center Construction Is Concentrated: Map

The data center construction boom is fueled by tax breaks and electricity access. This map shows where Big Tech is

See where data centers are planned or operating near you in Texas

This first-of-its-kind map displays hundreds of data centers that are either currently operating or in development as

US Data Center Map — Project List & Tracker

Interactive map of US data centers with a complete list of planned, under construction, and operating facilities. Track new projects

US Data Center Map: 4,800 Facilities Tracked

How many data centers are in the US? This data center map tracks 4,800 US facilities across 52 states and territories: 3,687

True Internet Data Center

True Internet Data Center (True IDC) is the leading carrier neutral data center and cloud service provider in Thailand. We have a

True IDC: Bangkok Data Center

The new True IDC hyperscale data center campus, located in Thailand's Eastern Economic Corridor outside Bangkok,

Datacenter Facilities Index

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

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Viettel Breaks Ground on Vietnam's First Hyperscale Data Center

The center is being developed on a site of nearly 4 hectares, with a designed total capacity of up to 140 MW and

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The AI-ready data center with the largest power capacity in Thailand and a multi-cloud provider who offers wide-range digital

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

