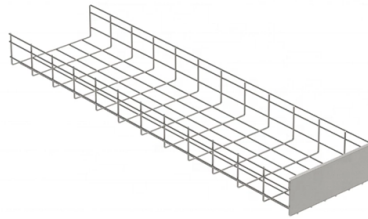


# The Future of Internet Data Centers



## Overview

In 2026, data center management is undergoing a major shift driven by Artificial Intelligence (AI), automation, and sustainability. As argued in the Brookings Press book, “Turning Point: Policymaking in the Era of Artificial Intelligence,” it is powering applications in finance, health care, education, transportation, defense, and e-commerce, among other sectors. Organizations are now focusing on smarter, faster, and greener data centers to meet increasing demand. The global data center sector will likely expand at a 14% CAGR through 2030, which will require energy innovations to alleviate grid constraints. Hyperscalers will remain a key driver of sector growth. The race for speed: Data center projects are being delivered faster than ever, with modular construction and digital innovation transforming timelines and efficiency.



## Article Content

Building Futuristic Data Centers: A Technical Deep Dive into Next ...

This comprehensive technical article explores the evolution and future trajectory of modern data center infrastructure, focusing on critical innovations across multiple domains.

Leading Off: A leader's guide to the data center boom

In today's increasingly digital economy, the need for better, more powerful infrastructure to fuel gen AI, agentic AI, and other emerging tech

The future of data centers

Undergirding this growing use of AI is the need for state-of-the-art data centers. This paper examines the future of these entities.

Digital Economy Report 2024 | UN Trade and

The Digital Economy Report 2024 underscores the urgent need for environmentally sustainable and inclusive digitalization strategies. Digital

2026 Market Outlook for Global Data Centers | JLL Research

Nearly 100 GW of new data centers will be added between 2026 and 2030, doubling global capacity. The global data

The future of data centres: how is the industry changing in the ...

This series is for anyone interested in the future of digital infrastructure, from data centre operators to designers, engineers, policymakers, urbanists, technologists and sustainability advocates.

Mapping the Future of Data Centers: A New Public Tool

Data centers, which power everything from web searches to artificial intelligence, are growing in number in response to increasing demand for

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August 23, 2022: Intel Unite Solution August 24, 2022: Introducing Intel Data Center GPU Flex Series for the Intelligent Visual Cloud September 1,

Future of Data Center Management in 2026: Trends, Automation & AI

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Elon Musk and Larry Fink take the stage at Davos 2026 to explore how breakthroughs in AI, sustainable energy, and space exploration are shifting

New data reveals at least 48 data center projects were blocked or ...

Why is data center opposition important? Aniket Shah, managing director at the investment bank Jefferies, emphasized the importance of findings from Data Center Watch. He

Cisco Annual Internet Report

The Cisco Annual Internet Report is a global study that assesses digital transformation across various business segments (enterprise/SMB, public

Breaking Barriers to Data Center Growth | BCG

Data centers are booming, but power, supply chain, and sustainability challenges threaten growth. Companies can surmount the

Russian IT Growth Faces an Uncertain Future

Nearly three years after the departure of major Western IT firms due to the invasion of Ukraine, Russia's tech market is on the rise, but the growth is

Look Forward: Data Center Frontiers | S& P Global

While the US and China are leading the data center charge, collectively commanding over 60% of global capacity, players across Europe,

Data center trends 2026: Shifting up a gear

Top 10 data center trends for 2026: from accelerated builds & modular design to sustainability, edge growth, & quantum readiness. Future

AI's Energy Demands Are Out of Control. Welcome to

Moist Egregious In addition to high levels of energy usage, the data centers that train and operate generative AI models consume millions of gallons

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