

IDC Internet Data Center Construction Approval



AI Overview

Constructing an IDC requires obtaining the appropriate telecommunications or data center licenses, meeting regulatory requirements, and completing pre-construction planning, which varies by country and investor type.

Regulatory and Licensing Requirements

In China: To operate an IDC, companies must obtain an IDC service license (B11 license under the Telecommunications Services Classification Catalogue). Domestic companies must first incorporate with a business license that includes telecommunications services, demonstrate sufficient capital (1 million RMB for provincial licenses, 10 million RMB for cross-regional licenses), have qualified personnel, and maintain necessary infrastructure and technical schemes. The review process typically takes up to 60 days, with licenses valid for five years. Foreign investors face additional restrictions: Hong Kong and Macao investors under CEPA can hold up to 50% equity in a joint venture, while other foreign investors may use commercial cooperation models or VIE structures to operate indirectly. Pilot programs in areas like Hainan and Shanghai allow foreign companies to apply for IDC Pilot Approvals, which are treated similarly to full licenses, with preliminary review and final approval by the Ministry of Industry and Information Technology (MIIT) (Index).

In the United States: Federal permitting for large-scale data centers, particularly those supporting AI workloads, is streamlined under executive initiatives to accelerate infrastructure development. Projects exceeding 100 MW of new load or \$500 million in capital expenditures may qualify for expedited review, financial support, and use of federally owned land. Agencies coordinate to provide loans, grants, tax incentives, and regulatory facilitation for qualifying projects, emphasizing national security and economic priorities (Index).

Pre-Construction Planning

Before a...

Article Content

Thailand Board of Investment approves \$291m

Local telco True Internet Data Center CO also had a 3.35 billion baht (\$91 million) investment approved for the expansion of its East Bangna campus,

Tracking Every Data Center Permit Filed in 2026 — A

Running list of every major data center permit filed in 2026. Top 20 permits by MW, state approval speeds, and what the data tells contractors about the.

2022-2023 China IDC Industry Development Research Report

Over the past 19 years, Shanghai has quantitatively approved 180MW data center projects every year. The supply of cabinets is sufficient, and competition has intensified leading to

New infrastructure construction in China – foreign investors ...

IDC (Internet Data Center) is generally understood to be the provision of placement, maintenance, system configuration and management services for Internet or other network-related

Procurement Integrated Enterprise Environment

Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG-authorized purpose.

Navigating the Data Center Design and Approval Process

Here are the key elements of the data center design and approval process, including standard land development reviews, the duration, and the potential variances.

Data Center Zoning, Permits, and Compliance | Milrose

Without a clear strategy to navigate these challenges, projects can face costly delays. This guide outlines the data center approval process,

Data Center Zoning, Permits, and Compliance | Milrose

The demand for data centers continues to grow as businesses and cloud providers expand their digital infrastructure. However, securing approval

GB/T 43331-2023: Internet data center (IDC) (PDF English)

PDF full-copy in English & invoice will be emailed/downloaded. See step-by-step procedure.

Dubai Media Hub

Dubai Media City is a leading media hub in Dubai, with state-of-the-art facilities for global & local brands providing a dynamic environment for media & tech.

Data Center Construction Bids Guide (2026) [Step-by-Step]

Data center construction bids guide covering contractor qualification, MEP scope, commissioning, security, long-lead items, bid review, and sourcing.

Thailand Board of Investment approves \$3.1bn in data

Thailand's Board of Investment has approved several data center projects proposed for the country, totaling some \$3.1 billion in investment.

What is China's B11 (IDC) License and Who Needs One?

Authorities will conduct inspection of data center facilities, verification of technical personnel, review of operational procedures and safety systems, and physical inspection of server

International Data Center Authority | IDCA

End-to-End Certified Training for Data Center Professionals SDS Certification
Validating and Certifying Vendor Systems, Designs, and Services IDCA Global

High Density Internet Data Center & IDC Solutions

Discover our Internet Data Center services, featuring high-density data centers built for efficiency, scalability, and performance to support modern digital infrastructure.

Accelerating Federal Permitting of Data Center Infrastructure

We will pursue bold, large-scale industrial plans to vault the United States further into the lead on critical manufacturing processes and technologies that are essential to national security,...

Executive Order 14318: Accelerating Federal Permitting of Data

Overview Executive Order 14318 instructs federal agencies to identify and remove procedural and regulatory obstacles that slow the permitting and approval of data center construction

Latest Press Releases

Two-day programme brings together global investors, asset managers and policymakers to tackle decarbonisation, data intelligence and the trillion-dollar housing transition LONDON, July 8, 2026

Think | IBM

Experience an integrated media property for tech workers—latest news, explainers and market insights to help stay ahead of the curve.

Inside Thailand's \$3.1bn data center investment wave

Thailand's Board of Investment (BOI) has approved a new round of data center projects totaling approximately \$3.1 billion, underscoring the Asian

Data Center Permits: How Long They Take and What

The review process for data center permits can be lengthy, but these tips may help developers secure approval more quickly.

Navigating Regulatory Regime of Data Centres in China (I): -

As the global march towards digitisation accelerates, Internet Data Centres ("IDC") have emerged as the pivotal backbone supporting modern business operations.

Data Center Development: Full Pre-Construction Guide

Data center development covers land, power, permits, and construction. Get clear guidance, checklists, and tools to plan every phase.

U.S. | Let There Be Change | Accenture

Across industries and around the world, we're creating better experiences for people using emerging technologies and human ingenuity. Together, we can reinvent anything.

Breaking barriers: China's new IDC open-up

The demand for data centers is skyrocketing in the era of digital transformation, driven by the growth of cloud computing and AI technologies.

Construction Management Software | Procore

Procore's construction management platform connects the field and the office. Gain the real-time visibility needed to deliver quality projects on time.

IDC Market: \$285.4B Growth Forecast & Data Center

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

Contact Us

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