

Australia Data Centre Construction Market Size, Share, Growth Analysis Report and Forecast Trends (2025-2034)

Market Report | 2025-10-26 | 110 pages | EMR Inc.

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Report description:

Based on infrastructure, mechanical systems led the Australia data centre construction market by driving the development of advanced power distribution solutions, such as modular power distribution units, ensuring reliable power supply to servers. Advanced mechanical systems like HVAC (Heating, Ventilation, and Air Conditioning) and cooling systems are essential for data Centres, ensuring efficient operation and reliability to maintain optimal conditions for servers and equipment. Sophisticated electrical systems, such as power distribution units (PDUs) and uninterruptible power supply (UPS) systems, allow data Centres to increase their capacity in response to rising needs for computing and storage. The Australia data centre construction market development is driven by several factors. To reduce environmental impact, there is a rising trend towards sustainable data Centres featuring energy-efficient designs and renewable energy resources. Additionally, the integration of security systems, such as encryption technologies and biometric access controls, is increasing to mitigate cyber threats to data Centres. Moreover, for rapid deployment in diverse locations, containerized data Centres install IT infrastructure within shipping containers. Furthermore, to meet data processing demands and enhance connectivity, the usage of 5G networks in data Centres is increasing. On May 2024, OVHcloud, a European cloud provider launched its third data Centre in Sydney, Australia. "Australia Data Centre Construction Market Report And Forecast 2025-2034" offers a detailed analysis of the market based on the following segments: Market Breakup by Infrastructure- Electrical Infrastructure??- UPS Systems??- Others- Mechanical Infrastructure??- Cooling Systems??- Racks??- Others- General Infrastructure Market Breakup by Size- Small and Medium Size Data Centre- Large Data Centre Market Breakup by Tier Type- Tier I and II- Tier III- Tier IV Market Breakup by End Use- BFSI- IT and Telecom- Healthcare- Government and Defence- Others Market Breakup by Region- New South Wales- Victoria- Queensland- Australian Capital Territory- Western Australia- Others Australia Data Centre Construction Market Share The BFSI sector holds a significant share of the Australia data centre construction market due to its large data volumes necessitating secure storage, compliance with stringent regulations, meeting high-security standards, supporting digital banking and AI innovations, and providing robust risk management solutions. Leading Companies in the Australia Data Centre Construction Market The growth of data centre construction market is fuelled by the rising digital transformation, cloud adoption, edge computing, increase in internet usage, and renewable energy initiatives. - AirTrunk Operating Pty Ltd.- Multiplex Constructions Pty Limited- Fujitsu Australia Limited-

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