France Data Center Physical Security - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The France Data Center Physical Security Market size is estimated at USD 80.20 million in 2024, and is expected to reach USD 160 million by 2029, growing at a CAGR of 14.80% during the forecast period (2024-2029).

The security measures at the data center can be divided into four layers: perimeter security, facility controls, computer room controls, and cabinet controls. The first layer aims to discourage, detect, and delay any unauthorized entry of personnel at the perimeter. If there is a breach in the perimeter monitoring, the second layer restricts access using card swipes or biometrics. The third layer further restricts access through various verification methods, including monitoring restricted areas, deploying entry restrictions such as turnstiles, providing biometric access control devices, and using radio frequency identification. These layers ensure that only authorized personnel can enter. Additional security measures, such as cabinet locking mechanisms, address the fear of an 'insider threat' such as a malicious employee.

Under Construction IT Load Capacity: The upcoming IT load capacity of the French data center market is expected to reach 1300 MW by 2029.

Under Construction Raised Floor Space: The country's construction of raised floor area is expected to increase to 6.3 million sq. ft by 2029.

Planned Racks: The country's total number of racks to be installed is expected to reach 316,000 units by 2029. Paris (Ile-De-France) is expected to house the maximum number of racks by 2029.

Planned Submarine Cables: Close to 28 submarine cable systems connect France; many are under construction. In April 2023, French telecom operator Orange announced the construction of a submarine cable linking the city of Bizerte in Tunisia with Marseille in France. Commissioning is scheduled for the end of 2025.

France Data Center Physical Security Market Trends

Video Surveillance is Anticipated to be the Largest Segment

The rising demand for the video surveillance market in Taiwan has been driven by several factors, including increased construction activity, expected new data centers, and rising digitization rates.

Access control systems are more than a core area. Smaller rooms may also be included. Certain intelligent modules can connect to I/O devices to generate alerts, such as if the rack door is left open. At the same time, a discreet camera helps you get an overview. This prevents unauthorized persons from opening the door at unusual times.

Physical security breaches contribute to the growth in the video surveillance segment in French data centers. In March 2021, a fire at French cloud service provider OVHCloud destroyed one of its four data centers and damaged another at its campus in Strasbourg, France. As a result, the company reportedly directed its customers, including the French government, to activate disaster recovery plans and denied access to numerous domains and services.

Further, the growth in the development of new data centers in Taiwan would trigger market demand. For instance, in May 2023, Data4 Group, a leading French company in data center operations and investments in Europe, announced the construction of a new data center campus at the Nokia site in Noz?, in the Essonne region of France. The project, which would involve an investment of approximately EUR 1 billion by 2030, aims to revitalize 22 hectares of industrial and office space and underline the group's strong presence in Paris.

IT & Telecommunication is Anticipated to be the Fastest Growing Segment

France's increasing focus on digital technology, AI, cybersecurity, robotics, and medical IT drives the industry significantly forward. Additionally, the growing need for digital

technologies and initiatives, digitization, scalable IT infrastructure, 5G network penetration, and increasing penetration of technology giants are driving the market growth significantly.

New technologies like artificial intelligence, big data, and blockchain drive the rising cloud adoption across most businesses. The share of companies that acquired cloud computing services increased from 17% in 2016 to 27% in 2020, suggesting an upward trend and a growing demand for data processing facilities. Scalable and strong cloud networks are being developed with the help of hyperscale data centers, which can enhance customer satisfaction, increase availability, and cut costs.

Regional cloud infrastructure providers such as Equinix, OVHcloud, and Dassault Syst?mes have partnered with international hyper scalers such as Amazon Web Services (AWS), Google Cloud Platform (GCP), and Microsoft Azure to bring French cloud infrastructure to improve and enable a resilient future. Europe-based global service providers such as Capgemini, Orange, Atos, and Soplasteria also invest in similar partnerships.

According to the Future Plan for 5G and Telecommunications presented by the Cabinet in July 2021, France planned to invest approximately EUR 1.7 billion in the 5G industry through public and private investments by 2025. The aim is to accelerate the development of 5G, especially new use cases, drive adoption, and strengthen the technology's impact on other industries.

Tier 4 data centers are also expected to grow significantly over the next few years. This is because more and more companies are offering cloud-based services, and with that, more and more companies are building facilities that offer colocation spaces with the best technology.

France Data Center Physical Security Industry Overview

The French data center physical security market is moderately competitive and has gained a competitive edge in recent years. In terms of market share, a few major players, such as ABB Ltd, Siemens AG, Cisco Systems Inc., Schneider Electric, and Honeywell International Inc., are adopting strategies such as partnerships and acquisitions to enhance their product offerings and gain sustainable competitive advantage.

In April 2023, Schneider Electric launched a new service offer called EcoCare for modular data center services membership. Members of this innovative service plan benefit from specialized expertise to maximize the uptime of modular data centers, with 24/7 proactive remote monitoring and condition-based maintenance. Members also receive exclusive support, including a dedicated customer success management team that serves as their go-to coach. They orchestrate remote and on-site services to address infrastructure and maintenance needs at a system level rather than using a fragmented approach for each asset only when problems arise.

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Contents

5.3.1 IT & Telecommunication

5.3.2 BFSI

5.3.3 Government

5.3.4 Healthcare

5.3.5 Other End User

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

  6.1.1 Axis Communications AB

  6.1.2 ABB Ltd

  6.1.3 Securitas Technology

  6.1.4 Bosch Sicherheitssysteme GmbH

  6.1.5 Johnson Controls.

  6.1.6 Honeywell International Inc.

  6.1.7 Siemens AG

  6.1.8 Schneider Electric

  6.1.9 Cisco Systems Inc.

  6.1.10 Hangzhou Hikvision Digital Technology Co. Ltd

  6.1.11 Dahua Technology Co. Ltd

  6.1.12 Convergint Technologies LLC

7 INVESTMENT ANALYSIS

8 MARKET OPPORTUNITIES AND FUTURE TRENDS

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