

Medical Device Security Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global medical device security market size reached US\$ 8.5 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 19.9 Billion by 2028, exhibiting a growth rate (CAGR) of 15.1% during 2023-2028.

Medical device security refers to the implementation of tools, techniques and procedures for preventing unauthorized access to medical devices. The security solutions enable healthcare providers to track patients and healthcare data and secure sensitive information from security threats and attacks, such as leakage of data and unlawful control of medical equipment. Medical device security utilizes encryption, data loss prevention, identity and access management, antivirus and antimalware, risk and compliance solutions and services that can be deployed on-premises or on the cloud. They also aid in preventing invasion of privacy, maintaining health records and increasing diagnostic accuracy. As a result, medical device security solutions are widely used across hospitals, clinics, diagnostic laboratories and ambulatory surgical centers.

Medical Device Security Market Trends:

The increasing instances of cyber-attacks and threats in the healthcare industry represent one of the key factors driving the growth of the market. Medical device security is widely used for data and system protection from unauthorized manipulation and malicious software to safeguard patient records that are critical to hospitals. Additionally, the widespread adoption of digital solutions for automated collection and storage of data for improving patient care and reducing errors is favoring the market growth. Moreover, various technological advancements, such as the integration of healthcare systems with artificial intelligence (AI) and the Internet of Things (IoT) solutions, are providing a thrust to the market growth. These technologies aid in

protecting systems, networks and data by identifying and neutralizing cyber threats and malicious activities with security monitoring and real-time dynamic threat intelligence. Other factors, including the implementation of various government initiatives promoting the adoption of digital security solutions in the healthcare industry, along with the widespread adoption of cloud-based medical device security solutions, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical device security market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on device type, component, deployment mode and end user.

Breakup by Device Type:

Stationery Medical Devices

Internally Embedded Medical Devices

External Medical Devices and Consumer Wearable

Breakup by Component:

Solution

Identity and Access Management Solutions

Antivirus and Antimalware Solutions

Encryption Solutions

Data Loss Prevention Solutions

Risk and Compliance Management

Intrusion Detection Systems and Intrusion Prevention Systems

Disaster Recovery Solutions

Distributed Denial of Service Solutions

Others

Services

Breakup by Deployment Mode:

On-premises

Cloud-based

Breakup by End User:

Healthcare Institutions
Medical Device Manufacturers
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Check Point Software Technologies Ltd., Cisco Systems Inc., ClearDATA, FireEye (Symphony Technology Group), Fortinet Inc., General Electric Company, International Business Machines Corporation, Koninklijke Philips N.V., McAfee Corp., Medigate, Palo Alto Networks Inc. and Synopsys Inc.

Key Questions Answered in This Report

1. What was the size of the global medical device security market in 2022?
2. What is the expected growth rate of the global medical device security market during 2023- 2028?
3. What are the key factors driving the global medical device security market?
4. What has been the impact of COVID-19 on the global medical device security market?
5. What is the breakup of the global medical device security market based on the device type?
6. What is the breakup of the global medical device security market based on the component?
7. What is the breakup of the global medical device security market based on the deployment mode?
8. What is the breakup of the global medical device security market based on the end user?
9. What are the key regions in the global medical device security market?
10. Who are the key players/companies in the global medical device security market?

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