

Digital Security Control Market Size, Share & Trends Analysis Report By Hardware (Smart Card, Sim Card, Biometric Technologies), By Technology, By Application, By End-use, By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Digital Security Control Market Growth & Trends

The global digital security control market size is expected to reach USD 33,052.0 million by 2030, growing at a CAGR of 12.3% from 2024 to 2030, according to a new report by Grand View Research, Inc. The rapid digitization of business and governmental operations, characterized by the widespread adoption of digital platforms, cloud services, and remote work solutions, has significantly increased the need for enhanced security controls. As organizations migrate to digital environments, they face new security challenges, such as protecting sensitive data, securing online transactions, and managing the risks associated with remote access. This shift demands robust digital security measures to safeguard digital assets, maintain operational integrity, and protect against cyber threats, ensuring that critical information and processes remain secure in an increasingly digital world.

The proliferation of Internet of Things (IoT) devices across consumer and industrial environments significantly broadens the potential attack surface, making robust digital security measures crucial. As these devices become more prevalent, they often operate with varying levels of security, leading to potential vulnerabilities that cybercriminals can exploit. Furthermore, integrating IoT devices into critical infrastructure, such as healthcare, manufacturing, and smart cities, raises the stakes for ensuring their security.

IoT devices frequently collect and transmit sensitive data, which, if compromised, can lead to substantial financial and reputational damage. Consequently, organizations increasingly prioritize comprehensive security solutions to safeguard these interconnected systems from emerging threats.

Innovations in artificial intelligence (AI), machine learning (ML), and encryption technologies are significantly advancing the effectiveness of security solutions, thereby accelerating their adoption across diverse sectors. AI and ML enhance threat detection and response by enabling real-time analysis of vast data streams, identifying patterns, and predicting potential security breaches more accurately than traditional methods. These technologies can automate responses to threats, reducing the time taken to mitigate risks and enhancing overall security posture. Moreover, advancements in encryption technologies provide stronger protection for sensitive data, ensuring its security during transmission and storage. This capability is critical as more organizations move to cloud environments and handle increasingly complex and sensitive data. As a result, sectors ranging from finance and healthcare to manufacturing and government increasingly integrate these advanced security solutions to safeguard their digital assets.

Digital Security Control Market Report Highlights

The biometric technologies segment dominated the market with a significant market share in 2023. The segment is growing due to its increasing effectiveness in providing highly secure and convenient methods of authentication and identity verification.

The two-factor authentication segment experienced significant growth in 2023 due to increased cybersecurity threats and heightened demand for robust, user-friendly security measures across various sectors.

User Authentication is experiencing significant growth in 2023 as organizations prioritize enhancing security measures against escalating cyber threats. This trend is driven by the need for more secure access controls to protect sensitive data and ensure compliance with stringent regulatory requirements globally.

The finance and banking segment is experiencing significant growth as these end users increasingly prioritize safeguarding financial transactions, customer data, and sensitive information from rising cyber threats. Regulatory pressures,

such as compliance with financial regulations, drive this sector's growth

Stricter data protection laws and regulations, such as GDPR and CCPA, compel organizations to implement stringent digital security controls to safeguard sensitive data and ensure compliance with global standards. Failure to adhere to these regulations can result in significant fines and reputational damage, prompting businesses to prioritize robust cybersecurity measures to mitigate risks effectively.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
 - 1.2.1. Information Procurement
- 1.3. Information or Data Analysis
- 1.4. Methodology
- 1.5. Research Scope and Assumptions
- 1.6. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. DIGITAL SECURITY CONTROL MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
 - 3.2.3. Industry Challenge
- 3.3. Digital Security Control market Analysis Tools
 - 3.3.1. Industry Analysis - Porter's
 - 3.3.1.1. Bargaining power of the suppliers
 - 3.3.1.2. Bargaining power of the buyers
 - 3.3.1.3. Threats of substitution
 - 3.3.1.4. Threats from new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political landscape
 - 3.3.2.2. Economic and Social landscape
 - 3.3.2.3. Technological landscape

CHAPTER 4. DIGITAL SECURITY CONTROL MARKET: HARDWARE ESTIMATES &

TREND ANALYSIS

4.1. Segment Dashboard

4.2. Digital Security Control market: Hardware Movement Analysis, 2023 & 2030 (USD Million)

4.3. Smart Card

4.3.1. Smart Card Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

4.4. Sim Card

4.4.1. Sim Card Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

4.5. Biometric Technologies

4.5.1. Biometric Technologies Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

4.6. Others

4.6.1. Others Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 5. DIGITAL SECURITY CONTROL MARKET: TECHNOLOGY ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. Digital Security Control market: Technology Movement Analysis, 2023 & 2030 (USD Million)

5.3. Two-Factor Authentication

5.3.1. Two-Factor Authentication Digital Security Control market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

5.4. Three-Factor Authentication

5.4.1. Three-Factor Authentication Digital Security Control market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

5.5. Four-Factor Authentication

5.5.1. Four-Factor Authentication Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 6. DIGITAL SECURITY CONTROL MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. Digital Security Control market: Application Movement Analysis, 2023 & 2030 (USD Million)

6.3. Anti-Phishing

6.3.1. Anti-Phishing Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.4. User Authentication

6.4.1. User Authentication Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.5. Network Monitoring

6.5.1. Network Monitoring Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.6. Security Administration

6.6.1. Security Administration Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

6.7. Web Technologies

6.7.1. Web Technologies Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 7. DIGITAL SECURITY CONTROL MARKET: END USE ESTIMATES & TREND ANALYSIS

7.1. Segment Dashboard

7.2. Digital Security Control market: End Use Movement Analysis, 2023 & 2030 (USD Million)

7.3. Mobile Security and Telecommunication

7.3.1. Mobile Security and Telecommunication Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.4. Finance and Banking

7.4.1. Finance and Banking Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.5. Healthcare

7.5.1. Healthcare Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.6. Commercial

7.6.1. Commercial Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

7.7. Others

7.7.1. Others Digital Security Control Market Revenue Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 8. DIGITAL SECURITY CONTROL MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

8.1. Digital Security Control Market Share, By Region, 2023 & 2030 (USD Million)

8.2. North America

8.2.1. North America Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.2. U.S.

8.2.2.1. U.S. Digital Security Control market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.3. Canada

8.2.3.1. Canada Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.2.4. Mexico

8.2.4.1. Mexico Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3. Europe

8.3.1. Europe Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.2. UK

8.3.2.1. UK Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.3. Germany

8.3.3.1. Germany Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.3.4. France

8.3.4.1. France Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4. Asia Pacific

8.4.1. Asia Pacific Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.2. China

8.4.2.1. China Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.3. Japan

8.4.3.1. Japan Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.4. India

8.4.4.1. India Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.5. South Korea

8.4.5.1. South Korea Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.4.6. Australia

8.4.6.1. Australia Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.5. Latin America

8.5.1. Latin America Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.5.2. Brazil

8.5.2.1. Brazil Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6. Middle East and Africa

8.6.1. Middle East and Africa Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.2. KSA

8.6.2.1. KSA Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.3. UAE

8.6.3.1. UAE Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

8.6.4. South Africa

8.6.4.1. South Africa Digital Security Control Market Estimates and Forecasts, 2017 - 2030 (USD Million)

CHAPTER 9. COMPETITIVE LANDSCAPE

9.1. Company Categorization

9.2. Company Market Positioning

9.3. Participant's Overview

9.4. Financial Performance

9.5. Hardware Benchmarking

9.6. Company Heat Map Analysis

9.7. Strategy Mapping

9.8. Company Profiles/Listing

9.8.1. Cisco Systems, Inc.

9.8.2. Digital Security Concepts

9.8.3. Fortinet, Inc.

9.8.4. Hadrian Security

9.8.5. Linked Security NY

9.8.6. McAfee, LLC

9.8.7. Microsoft

9.8.8. Orbit Security Systems

9.8.9. Palo Alto Networks

9.8.10. RSA Security LLC

List Of Tables

LIST OF TABLES

Table 1 Global Digital Security Control market by Hardware, 2017 - 2030 (USD Million)

Table 2 Global Digital Security Control market by Technology, 2017 - 2030 (USD Million)

Table 3 Global Digital Security Control market by Application, 2017 - 2030 (USD Million)

Table 4 Global Digital Security Control market by End Use, 2017 - 2030 (USD Million)

Table 5 Global Digital Security Control market by region, 2017 - 2030 (USD Million)

Table 6 North America Digital Security Control market by country, 2017 - 2030 (USD Million)

Table 7 Europe Digital Security Control market by country, 2017 - 2030 (USD Million)

Table 8 Asia Pacific Digital Security Control market by country, 2017 - 2030 (USD Million)

Table 9 Latin America Digital Security Control market by country, 2017 - 2030 (USD Million)

Table 10 MEA Digital Security Control market by country, 2017 - 2030 (USD Million)

Table 11 Key companies launching new products/technology.

Table 12 Key companies engaged in mergers & acquisition.

Table 13 Key companies engaged in Research & development.

Table 14 Key Companies engaged in expansion.

List Of Figures

LIST OF FIGURES

- Fig. 1 Augmented Reality and Virtual Reality (AR VR) in Aviation Market Segmentation
- Fig. 2 Information Procurement
- Fig. 3 Data Analysis Models
- Fig. 4 Market Formulation and Validation
- Fig. 5 Data Validating & Publishing
- Fig. 6 Market Snapshot
- Fig. 7 Segment Snapshot (1/3)
- Fig. 8 Segment Snapshot (2/2)
- Fig. 9 Competitive Landscape Snapshot
- Fig. 10 Augmented Reality and Virtual Reality (AR VR) in Aviation Market Value, 2023 & 2030 (USD Million)
- Fig. 11 Industry Value Chain Analysis
- Fig. 12 Market Dynamics
- Fig. 13 PORTER's Analysis
- Fig. 14 PESTEL Analysis
- Fig. 15 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by Component: Key Takeaways
- Fig. 16 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by Component: Market Share, 2023 & 2030
- Fig. 17 Hardware Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)
- Fig. 18 Software Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)
- Fig. 19 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by Technology: Key Takeaways
- Fig. 20 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by Technology: Market Share, 2023 & 2030
- Fig. 21 Augmented Reality (AR) Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)
- Fig. 22 Virtual Reality (VR) Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)
- Fig. 23 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by End Use: Key Takeaways
- Fig. 24 Augmented Reality and Virtual Reality (AR VR) in Aviation Market, by End Use: Market Share, 2023 & 2030
- Fig. 25 Commercial Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)

Fig. 26 Military Market Estimates & Forecasts, 2018-2030 (Revenue, USD Million)

Fig. 27 Augmented Reality and Virtual Reality (AR VR) in Aviation Quality Monitoring System Market Revenue by Region, 2023 & 2030 (USD Million)

Fig. 28 Regional Marketplace: Key Takeaways (1/2)

Fig. 29 Regional Marketplace: Key Takeaways (2/2)

Fig. 30 North America Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 31 U.S. Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 32 Canada Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 33 Mexico Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 34 Europe Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 35 Germany Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 36 U.K. Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 37 France Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 38 Asia Pacific Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 39 China Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 40 Japan Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 41 South Korea Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 42 India Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 43 Australia Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 44 Latin America Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 45 Brazil Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 46 Middle East and Africa Augmented Reality and Virtual Reality (AR VR) in Aviation Market Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 47 UAE Augmented Reality and Virtual Reality (AR VR) in Aviation Market
Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 48 Saudi Arabia Augmented Reality and Virtual Reality (AR VR) in Aviation Market
Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 49 South Africa Augmented Reality and Virtual Reality (AR VR) in Aviation Market
Estimates & Forecasts, 2018 - 2030 (Revenue, USD Million)

Fig. 50 Key Company Categorization

Fig. 51 Company Market Positioning

Fig. 52 Strategic framework

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