

Global Cognitive Security Market Size study, by Component (Services, Solutions), by Security Type (Application, Cloud, Cybersecurity, Endpoint, Network, Physical), by Application (Anomaly Detection & Risk Mitigation, Automated Compliance Management, Threat Intelligence), by Deployment Mode (On-Cloud, On-Premises), by Enterprise Type (Large Enterprises, Small & Medium-sized Enterprises), by Vertical (Aerospace & Defense, Automotive & Transportation, Banking, Financial Services & Insurance, Building, Construction & Real Estate, Consumer Goods & Retail, Education, Energy & Utilities, Government & Public Sector, Healthcare & Life Sciences, Information Technology, Manufacturing, Media & Entertainment, Telecommunication, Travel & Hospitality) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G7786EA0C229EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G7786EA0C229EN

Abstracts

Global Cognitive Security Market is valued approximately at USD 19.50 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 31.73% over the forecast period 2024-2032. Cognitive security harnesses the power of advanced technologies such as artificial intelligence (AI), machine learning (ML), and data

analytics to detect threats and protect both physical and digital assets. These solutions are crafted to learn and evolve, understanding user interactions with enterprise systems and data to identify and respond to threats in real-time, thus fostering a proactive and adaptive security posture. The application of cognitive security spans across various industries, including banking, financial services, and insurance (BFSI), healthcare, retail, government, and defense. End-use strategies encompass fraud detection, risk management, cyber defense, and threat intelligence. The increasing frequency and complexity of cyber-attacks have significantly driven the demand for more efficient security solutions, thereby bolstering the cognitive security market. The proliferation of connected devices and cloud services has introduced new vulnerabilities that cognitive security aims to address, further driving market growth. Nevertheless, technical limitations associated with integrating cognitive security solutions with legacy systems present challenges to market growth. However, continuous advancements in AI algorithms and computing power, which enhance the capabilities of cognitive security solutions, are expected to create lucrative opportunities for the market.

The cognitive security market's components include services and solutions. Services are essential for ensuring the smooth operation and effectiveness of cognitive security systems, encompassing deployment and integration, support and maintenance, and training & consulting services. Solutions leverage advanced technologies to provide robust security mechanisms. These include biometric recognition for high security in access control, digital signature recognition for authenticating documents and transactions, real-time security analytics & visualization platforms for proactive threat responses, and unified log managers & data catalogs for centralized log data management.

The need to deploy cognitive security solutions to tackle the growing risks of cybersecurity breaches underscores the importance of various security types such as application security, cloud security, cybersecurity, endpoint security, network security, and physical security. Each type focuses on protecting different aspects of digital and physical assets, from safeguarding software and data to ensuring secure access to facilities and equipment.

The applications of cognitive security are vast, with anomaly detection & risk mitigation, threat intelligence, and automated compliance management being pivotal. These applications leverage advanced algorithms and cognitive computing to identify and mitigate threats, provide dynamic and context-rich threat intelligence, and streamline compliance management processes, ensuring organizations adhere to regulatory standards and internal policies.

The deployment modes for cognitive security solutions include on-cloud and on-premises. On-cloud deployment offers scalability and flexibility, leveraging the service

provider's cloud infrastructure for robust computational resources without significant physical hardware investment. On-premises deployment provides organizations with complete control over their data and systems, crucial for industries with stringent regulatory requirements or sensitive information handling.

Enterprise types benefiting from cognitive security solutions include large enterprises and small & medium-sized enterprises (SMEs). Large enterprises, with their expansive operational scale and significant financial resources, are at the forefront of adopting cognitive security technologies. SMEs, although limited by budget constraints, are increasingly interested in scalable cognitive security solutions that offer robust protection without significant resource allocation.

Cognitive security is crucial across various verticals, including aerospace & defense, automotive & transportation, BFSI, building, construction & real estate, consumer goods & retail, education, energy & utilities, government & public sector, healthcare & life sciences, information technology, manufacturing, media & entertainment, telecommunication, and travel & hospitality. Each sector leverages cognitive security to protect sensitive data, ensure operational integrity, and safeguard against evolving cyber threats.

The cognitive security market in the Americas is rapidly growing due to the prevalence of cyber-attacks and a strong focus on innovation. The EU's highly regulated approach, driven by standards such as GDPR, underscores the importance of compliance. The Middle East and Africa's market is evolving with the expansion of the telecommunication industry, creating a need for robust cybersecurity solutions. Asia-Pacific's market is rapidly developing, with heavy investments in AI and cybersecurity from both the private and public sectors, highlighting the region's commitment to becoming a major player in cognitive security technology.

Major market players included in this report are:

1. Amazon Web Services, Inc.
2. Google LLC by Alphabet Inc.
3. Microsoft Corporation
4. Cisco Systems, Inc.
5. Palo Alto Networks, Inc.
6. IBM Corporation
7. Check Point Software Technologies Ltd.
8. Fortinet, Inc.
9. Capgemini
10. CrowdStrike Holdings, Inc.
11. Darktrace Holdings Limited
12. FireEye, Inc.
13. RSA Security LLC

14. Cloudflare, Inc.

15. Proofpoint, Inc.

The detailed segments and sub-segment of the market are explained below:

By Component

- Services
 - o Deployment & Integration
 - o Support & Maintenance
 - o Training & Consulting
- Solutions
 - o Biometric Recognition
 - o Digital Signature Recognition
 - o Real-time Security Analytics & Visualization Platform
 - o Unified Log Manager & Data Catalog

By Security Type

- Application
- Cloud
- Cybersecurity
- Endpoint
- Network
- Physical

By Application

- Anomaly Detection & Risk Mitigation
- Automated Compliance Management
- Threat Intelligence

By Deployment Mode

- On-Cloud
- On-Premises

By Enterprise Type

- Large Enterprises
- Small & Medium-sized Enterprises

By Vertical

- Aerospace & Defense
- Automotive & Transportation
- Banking, Financial Services & Insurance
- Building, Construction & Real Estate
- Consumer Goods & Retail
- Education
- Energy & Utilities
- Government & Public Sector

- Healthcare & Life Sciences
- Information Technology
- Manufacturing
- Media & Entertainment
- Telecommunication
- Travel & Hospitality

By Region:

- North America
 - o U.S.
 - o Canada
- Europe
 - o UK
 - o Germany
 - o France
 - o Spain
 - o Italy
 - o ROE
- Asia Pacific
 - o China
 - o India
 - o Japan
 - o Australia
 - o South Korea
 - o RoAPAC
- Latin America
 - o Brazil
 - o Mexico
 - o Rest of Latin America
- Middle East & Africa
 - o Saudi Arabia
 - o South Africa
 - o RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.

- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL COGNITIVE SECURITY MARKET EXECUTIVE SUMMARY

- 1.1. Global Cognitive Security Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Component
 - 1.3.2. By Security Type
 - 1.3.3. By Application
 - 1.3.4. By Deployment Mode
 - 1.3.5. By Enterprise Type
 - 1.3.6. By Vertical
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL COGNITIVE SECURITY MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL COGNITIVE SECURITY MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Increasing Cyber Attacks
- 3.1.2. Expansion of Connected Devices and Cloud Services
- 3.1.3. Advancements in AI Algorithms

3.2. Market Challenges

- 3.2.1. Technical Limitations with Legacy Systems
- 3.2.2. Data Privacy and Compliance Issues

3.3. Market Opportunities

- 3.3.1. AI and ML Integration
- 3.3.2. Hybrid and Multi-Cloud Strategies

CHAPTER 4. GLOBAL COGNITIVE SECURITY MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY COMPONENT 2022-2032

5.1. Segment Dashboard

5.2. Global Cognitive Security Market: Component Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Services

Deployment & Integration

Support & Maintenance

Training & Consulting

5.2.2. Solutions

Biometric Recognition

Digital Signature Recognition

Real-time Security Analytics & Visualization Platform

Unified Log Manager & Data Catalog

CHAPTER 6. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY SECURITY TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Cognitive Security Market: Security Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. Application

6.2.2. Cloud

6.2.3. Cybersecurity

6.2.4. Endpoint

6.2.5. Network

6.2.6. Physical

CHAPTER 7. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

7.1. Segment Dashboard

7.2. Global Cognitive Security Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

7.2.1. Anomaly Detection & Risk Mitigation

7.2.2. Automated Compliance Management

7.2.3. Threat Intelligence

CHAPTER 8. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY DEPLOYMENT MODE 2022-2032

8.1. Segment Dashboard

8.2. Global Cognitive Security Market: Deployment Mode Revenue Trend Analysis, 2022 & 2032 (USD Billion)

8.2.1. On-Cloud

8.2.2. On-Premises

CHAPTER 9. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY ENTERPRISE TYPE 2022-2032

9.1. Segment Dashboard

9.2. Global Cognitive Security Market: Enterprise Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

9.2.1. Large Enterprises

9.2.2. Small & Medium-sized Enterprises

CHAPTER 10. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY VERTICAL 2022-2032

10.1. Segment Dashboard

10.2. Global Cognitive Security Market: Vertical Revenue Trend Analysis, 2022 & 2032 (USD Billion)

10.2.1. Aerospace & Defense

10.2.2. Automotive & Transportation

10.2.3. Banking, Financial Services & Insurance

10.2.4. Building, Construction & Real Estate

10.2.5. Consumer Goods & Retail

10.2.6. Education

10.2.7. Energy & Utilities

10.2.8. Government & Public Sector

10.2.9. Healthcare & Life Sciences

10.2.10. Information Technology

10.2.11. Manufacturing

10.2.12. Media & Entertainment

10.2.13. Telecommunication

10.2.14. Travel & Hospitality

CHAPTER 11. GLOBAL COGNITIVE SECURITY MARKET SIZE & FORECASTS BY REGION 2022-2032

11.1. North America Cognitive Security Market

11.1.1. U.S. Cognitive Security Market

11.1.1.1. Component breakdown size & forecasts, 2022-2032

11.1.1.2. Security Type breakdown size & forecasts, 2022-2032

11.1.1.3. Application breakdown size & forecasts, 2022-2032

11.1.1.4. Deployment Mode breakdown size & forecasts, 2022-2032

11.1.1.5. Enterprise Type breakdown size & forecasts, 2022-2032

11.1.1.6. Vertical breakdown size & forecasts, 2022-2032

11.1.2. Canada Cognitive Security Market

11.2. Europe Cognitive Security Market

11.2.1. U.K. Cognitive Security Market

11.2.2. Germany Cognitive Security Market

11.2.3. France Cognitive Security Market

11.2.4. Spain Cognitive Security Market

11.2.5. Italy Cognitive Security Market

11.2.6. Rest of Europe Cognitive Security Market

11.3. Asia-Pacific Cognitive Security Market

11.3.1. China Cognitive Security Market

11.3.2. India Cognitive Security Market

11.3.3. Japan Cognitive Security Market

11.3.4. Australia Cognitive Security Market

11.3.5. South Korea Cognitive Security Market

11.3.6. Rest of Asia Pacific Cognitive Security Market

11.4. Latin America Cognitive Security Market

11.4.1. Brazil Cognitive Security Market

11.4.2. Mexico Cognitive Security Market

11.4.3. Rest of Latin America Cognitive Security Market

11.5. Middle East & Africa Cognitive Security Market

11.5.1. Saudi Arabia Cognitive Security Market

11.5.2. South Africa Cognitive Security Market

11.5.3. Rest of Middle East & Africa Cognitive Security Market

CHAPTER 12. COMPETITIVE INTELLIGENCE

12.1. Key Company SWOT Analysis

12.1.1. Amazon Web Services, Inc.

12.1.2. Google LLC by Alphabet Inc.

12.1.3. Microsoft Corporation

12.2. Top Market Strategies

12.3. Company Profiles

12.3.1. Acalvio Technologies, Inc.

12.3.1.1. Key Information

12.3.1.2. Overview

12.3.1.3. Financial (Subject to Data Availability)

12.3.1.4. Product Summary

12.3.1.5. Market Strategies

12.3.2. BlackBerry Limited

12.3.3. Broadcom, Inc.

12.3.4. Capgemini

12.3.5. Check Point Software Technologies Ltd.

12.3.6. Cisco Systems, Inc.

12.3.7. Cloudflare, Inc.

12.3.8. CrowdStrike Holdings, Inc.

12.3.9. CY4GATE SpA

12.3.10. Cyberark Software Ltd.

12.3.11. Darktrace Holdings Limited

12.3.12. Deep Instinct Ltd.

12.3.13. DXC Technology Company

12.3.14. Feedzai

12.3.15. FireEye, Inc.

CHAPTER 13. RESEARCH PROCESS

13.1. Research Process

13.1.1. Data Mining

13.1.2. Analysis

13.1.3. Market Estimation

13.1.4. Validation

13.1.5. Publishing

13.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Cognitive Security market, report scope

TABLE 2. Global Cognitive Security market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Cognitive Security market estimates & forecasts by Component 2022-2032 (USD Billion)

TABLE 4. Global Cognitive Security market estimates & forecasts by Security Type 2022-2032 (USD Billion)

TABLE 5. Global Cognitive Security market estimates & forecasts by Application 2022-2032 (USD Billion)

TABLE 6. Global Cognitive Security market estimates & forecasts by Deployment Mode 2022-2032 (USD Billion)

TABLE 7. Global Cognitive Security market estimates & forecasts by Enterprise Type 2022-2032 (USD Billion)

TABLE 8. Global Cognitive Security market estimates & forecasts by Vertical 2022-2032 (USD Billion)

TABLE 9. Global Cognitive Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Cognitive Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. U.S. Cognitive Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. U.S. Cognitive Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 13. Canada Cognitive Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Canada Cognitive Security market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Cognitive Security market, research methodology
- FIG 2. Global Cognitive Security market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Cognitive Security market, key trends 2023
- FIG 5. Global Cognitive Security market, growth prospects 2022-2032
- FIG 6. Global Cognitive Security market, porters 5 force model
- FIG 7. Global Cognitive Security market, PESTEL analysis
- FIG 8. Global Cognitive Security market, value chain analysis
- FIG 9. Global Cognitive Security market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Cognitive Security market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Cognitive Security market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Cognitive Security market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Cognitive Security market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Cognitive Security market, regional snapshot 2022 & 2032
- FIG 15. North America Cognitive Security market 2022 & 2032 (USD Billion)
- FIG 16. Europe Cognitive Security market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Cognitive Security market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Cognitive Security market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Cognitive Security market 2022 & 2032 (USD Billion)
- FIG 20. Global Cognitive Security market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Cognitive Security Market Size study, by Component (Services, Solutions), by Security Type (Application, Cloud, Cybersecurity, Endpoint, Network, Physical), by Application (Anomaly Detection & Risk Mitigation, Automated Compliance Management, Threat Intelligence), by Deployment Mode (On-Cloud, On-Premises), by Enterprise Type (Large Enterprises, Small & Medium-sized Enterprises), by Vertical (Aerospace & Defense, Automotive & Transportation, Banking, Financial Services & Insurance, Building, Construction & Real Estate, Consumer Goods & Retail, Education, Energy & Utilities, Government & Public Sector, Healthcare & Life Sciences, Information Technology, Manufacturing, Media & Entertainment, Telecommunication, Travel & Hospitality) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G7786EA0C229EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7786EA0C229EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970