

Global Healthcare Cyber Security Market Size study, by Type (Solutions, Services) by Type of Threat (Malware, DDoS, Advanced Persistent Threat, Spyware, Lost or Stolen Devices, Others), by End-use (Pharmaceuticals, Medical Devices, Payers, Hospitals, Others) and Regional Forecasts 2022-2032

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Abstracts

Global Healthcare Cyber Security Market is valued at approximately USD 17.3 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 18.50% over the forecast period 2024-2032. Healthcare cybersecurity encompasses the strategies, technologies, and practices implemented to safeguard sensitive patient data, medical records, and healthcare infrastructure from cyber threats. With the increasing digitization of healthcare systems and the adoption of electronic health records (EHRs), cybersecurity has become paramount in protecting patient privacy, ensuring the integrity of medical data, and maintaining the availability of critical healthcare services.

Healthcare organizations face a wide range of cyber threats, including ransomware attacks, data breaches, phishing scams, and insider threats, which can compromise patient confidentiality and disrupt healthcare operation. The proliferation of Internet of Things (IoT) devices in healthcare settings, such as medical wearables and remote monitoring devices, poses cybersecurity challenges. Healthcare organizations are implementing IoT security solutions to secure connected medical devices and protect patient data from potential vulnerabilities and attacks.

The healthcare industry is increasingly targeted by cybercriminals due to the value of medical data and the critical nature of healthcare services. Cyber threats such as ransomware attacks, data breaches, and phishing scams are driving healthcare organizations to invest in robust cybersecurity solutions to protect patient data and

safeguard medical systems. Growing incidents of cyber-attacks, heightened worries regarding privacy and security, and increased uptake of sophisticated cybersecurity solutions are driving the expansion of the Global Healthcare Cyber Security Market. As per the HHS Office for Civil Rights (OCR) December 2023 report, cyber incidents in the healthcare sector are escalating in the United States. Between 2018 and 2022, the count of significant breaches reported to OCR surged by 93%, soaring from 369 to 712, marking a 278% spike in substantial breaches linked to ransomware. Furthermore, the market is driven by growing adoption of cloud-based solutions in the healthcare sector, rise in the adoption of connected devices. However, lack of awareness and shortage of skilled professionals, on the other hand, will stifle market growth between 2022 and 2032.

The key regions considered for the global Healthcare Cyber Security market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market. Regional market growth in healthcare cybersecurity is propelled by several key factors. Firstly, the presence of prominent industry players contributes significantly, fostering a competitive landscape and driving innovation. Moreover, the increasing adoption of cybersecurity applications within healthcare organizations serves as a catalyst, as institutions prioritize protecting sensitive patient data and critical infrastructure. Additionally, the surge in investments in cybersecurity, coupled with ongoing technological advancements, fuels the expansion of the market. This trend is underscored by the development and deployment of cutting-edge solutions tailored to address the unique challenges faced by the healthcare sector. For instance, in December 2022, Palo Alto Networks introduced "Medical IoT Security," a Zero Trust security solution specifically designed for the digital healthcare environment. Furthermore, member countries of the European Union must design and implement national long-term strategies in order to meet their Paris Agreement commitments. The market in Asia Pacific, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Cisco Systems, Inc.

Marubeni Information Systems Co., Ltd.

Symantec Corporation

Trend Micro Incorporated

McAfee, LLC.

Intel Corporation

AO Kaspersky Lab

Lockheed Martin Corporation

Northrop Grumman Corporation
International Business Machine Corporation

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

By Type
Solutions
Services

By Type of Threat
Malware
DDoS
Advanced Persistent Threat
Spyware
Lost or Stolen Devices
Others

By End-use:
Pharmaceuticals
Medical Devices
Payers
Hospitals
Others

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan

Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Middle East & Africa
Saudi Arabia
South Africa
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 HEALTHCARE CYBER SECURITY MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Global Healthcare Cyber Security Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
 - 2.3.1. By Type
 - 2.3.2. By Type of Threat
 - 2.3.3. By End-use
 - 2.3.4. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. GLOBAL HEALTHCARE CYBER SECURITY MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. GLOBAL HEALTHCARE CYBER 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 HEALTHCARE CYBER SECURITY MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. Solutions
- 5.2. Services

CHAPTER 6. GLOBAL HEALTHCARE CYBER SECURITY MARKET SIZE & FORECASTS BY TYPE OF THREAT 2022-2032

- 6.1. Malware
- 6.2. DDoS

- 6.3. Advanced Persistent Threat
- 6.4. Spyware
- 6.5. Lost or Stolen Devices
- 6.6. Others

CHAPTER 7. GLOBAL HEALTHCARE CYBER SECURITY MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 7.1. Pharmaceuticals
- 7.2. Medical Devices
- 7.3. Payers
- 7.4. Hospitals
- 7.5. Others

CHAPTER 8. GLOBAL HEALTHCARE CYBER SECURITY MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America Healthcare Cyber Security Market
 - 8.1.1. U.S. Healthcare Cyber Security Market
 - 8.1.1.1. Type breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Type of Threat breakdown size & forecasts, 2022-2032
 - 8.1.1.3. End-use breakdown size & forecasts, 2022-2032
 - 8.1.2. Canada Healthcare Cyber Security Market
- 8.2. Europe Healthcare Cyber Security Market
 - 8.2.1. U.K. Healthcare Cyber Security Market
 - 8.2.2. Germany Healthcare Cyber Security Market
 - 8.2.3. France Healthcare Cyber Security Market
 - 8.2.4. Spain Healthcare Cyber Security Market
 - 8.2.5. Italy Healthcare Cyber Security Market
 - 8.2.6. Rest of Europe Healthcare Cyber Security Market
- 8.3. Asia-Pacific Healthcare Cyber Security Market
 - 8.3.1. China Healthcare Cyber Security Market
 - 8.3.2. India Healthcare Cyber Security Market
 - 8.3.3. Japan Healthcare Cyber Security Market
 - 8.3.4. Australia Healthcare Cyber Security Market
 - 8.3.5. South Korea Healthcare Cyber Security Market
 - 8.3.6. Rest of Asia Pacific Healthcare Cyber Security Market
- 8.4. Latin America Healthcare Cyber Security Market
 - 8.4.1. Brazil Healthcare Cyber Security Market

- 8.4.2. Mexico Healthcare Cyber Security Market
- 8.4.3. Rest of Latin America Healthcare Cyber Security Market
- 8.5. Middle East & Africa Healthcare Cyber Security Market
 - 8.5.1. Saudi Arabia Healthcare Cyber Security Market
 - 8.5.2. South Africa Healthcare Cyber Security Market
 - 8.5.3. Rest of Middle East & Africa Healthcare Cyber Security Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Cisco Systems, Inc.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Marubeni Information Systems Co., Ltd.
 - 9.3.3. Symantec Corporation
 - 9.3.4. Trend Micro Incorporated
 - 9.3.5. McAfee, LLC.
 - 9.3.6. Intel Corporation
 - 9.3.7. AO Kaspersky Lab
 - 9.3.8. Lockheed Martin Corporation
 - 9.3.9. Northrop Grumman Corporation
 - 9.3.10. International Business Machine Corporation

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing

10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Healthcare Cyber Security market, report scope

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

TABLE 3. Global Healthcare Cyber Security market estimates & forecasts by Type 2022-2032 (USD Billion)

TABLE 4. Global Healthcare Cyber Security market estimates & forecasts by Type of Threat 2022-2032 (USD Billion)

TABLE 5. Global Healthcare Cyber Security market estimates & forecasts by End-use 2022-2032 (USD Billion)

TABLE 6. Global Healthcare Cyber Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Healthcare Cyber Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Healthcare Cyber Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Healthcare Cyber Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Healthcare Cyber Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Healthcare Cyber Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Healthcare Cyber Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Healthcare Cyber Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Healthcare Cyber Security market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. Global Healthcare Cyber Security market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 17. U.S. Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. U.S. Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

- TABLE 19. Canada Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 20. Canada Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 21. Canada Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 22. UK Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 23. UK Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 24. UK Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 25. Germany Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 26. Germany Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 27. Germany Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 28. France Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 29. France Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 30. France Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 31. Italy Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 32. Italy Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 33. Italy Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 34. Spain Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 35. Spain Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 36. Spain Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 37. RoE Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 38. RoE Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 39. RoE Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 40. China Healthcare Cyber Security market estimates & forecasts, 2022-2032

(USD Billion)

TABLE 41. China Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 42. China Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 43. India Healthcare Cyber Security market estimates & forecasts, 2022-2032

(USD Billion)

TABLE 44. India Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 45. India Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 46. Japan Healthcare Cyber Security market estimates & forecasts, 2022-2032

(USD Billion)

TABLE 47. Japan Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 48. Japan Healthcare Cyber Security market estimates & forecasts by segment

2022-2032 (USD Billion)

TABLE 49. Australia Healthcare Cyber Security market estimates & forecasts,

2022-2032 (USD Billion)

TABLE 50. Australia Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 51. Australia Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 52. South Korea Healthcare Cyber Security market estimates & forecasts,

2022-2032 (USD Billion)

TABLE 53. South Korea Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 54. South Korea Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 56. RoAPAC Healthcare Cyber Security market estimates & forecasts,

2022-2032 (USD Billion)

TABLE 57. RoAPAC Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 58. RoAPAC Healthcare Cyber Security market estimates & forecasts by

segment 2022-2032 (USD Billion)

TABLE 59. Brazil Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 60. Brazil Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 61. Brazil Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 62. Mexico Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 63. Mexico Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 64. Mexico Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 65. RoLA Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 66. RoLA Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 67. RoLA Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 68. Saudi Arabia Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 69. Saudi Arabia Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 70. Saudi Arabia Healthcare Cyber Security market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 71. South Africa Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 73. South Africa Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 74. South Africa Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 75. RoMEA Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 76. RoMEA Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 77. RoMEA Healthcare Cyber Security market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 78. List of secondary sources, used in the study of Global Healthcare Cyber Security Market.

TABLE 79. List of primary sources, used in the study of Global Healthcare Cyber

Security Market.

TABLE 80. Years considered for the study.

TABLE 81. Exchange rates considered.

List Of Figures

LIST OF FIGURES

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

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