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Global IT and Telecom Cyber Security Market Size Study & Forecast, by Component, Deployment, Enterprise Size, and Regional Forecasts 2025-2035

https://marketpublishers.com/r/G90E99BF1C23EN.html
Date: June 2025
Pages: 285
Price: US$ 3,218.00 (Single User License)
ID: G90E99BF1C23EN

Abstracts

The Global IT and Telecom Cyber Security Market is valued approximately at USD 35.11 billion in 2024 and is anticipated to grow with an impressive CAGR of 14.20% over the forecast period 2025-2035. As digital infrastructure becomes more deeply embedded into every facet of modern business and communication, cyber threats have evolved both in complexity and volume, making cybersecurity no longer optional but foundational. The IT and telecom sectors, which serve as the technological backbone of digital ecosystems, are particularly exposed due to the sheer volume of data, devices, and endpoints they handle. Cybersecurity solutions across this landscape ensure data integrity, protect networks from infiltration, and mitigate damage from advanced persistent threats and ransomware attacks. As governments and enterprises scale their cloud adoption and remote access protocols, investments in multi-layered security models have become pivotal.

The market has witnessed a rapid surge in demand for hardware and software security solutions, along with a burgeoning interest in cyber risk advisory and managed security services. As organizations struggle to outpace hackers, many are turning to AI and ML-enabled security platforms to analyze network behavior and predict vulnerabilities in real-time. The convergence of 5G, IoT, and edge computing is also accelerating the requirement for cyber resilience—forcing security providers to adopt adaptive, zero-trust architectures. Additionally, compliance mandates such as GDPR, CCPA, and regional telecom data sovereignty laws are compelling telecom giants to reengineer their infrastructure with embedded security controls.

Regionally, North America remains the largest contributor to the global cybersecurity spend, led by the U.S., where digitalization, high-value targets, and strict compliance

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regulations intersect. Europe follows closely, driven by strong data protection frameworks and rising enterprise-level cyber spending. However, it is the Asia Pacific region that is projected to grow at the fastest pace, fueled by the proliferation of smart cities, increasing state-sponsored cyber attacks, and the region's massive telecom subscriber base. Countries like China, India, Japan, and South Korea are ramping up investments in cybersecurity to guard against digital espionage and safeguard critical telecom infrastructure. Meanwhile, Latin America and the Middle East & Africa are gradually catching up with national digital transformation agendas prioritizing cyber defense.

Major market players included in this report are:

IBM Corporation

Cisco Systems, Inc.

Palo Alto Networks, Inc.

Broadcom Inc.

Fortinet, Inc.

Microsoft Corporation

Juniper Networks, Inc.

Dell Technologies Inc.

Trend Micro Inc.

McAfee Corp.

Check Point Software Technologies Ltd.

Hewlett Packard Enterprise Development LP

FireEye, Inc.

Sophos Ltd.

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Kaspersky Lab

Global IT and Telecom Cyber Security Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

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

By Component:

Hardware

Software

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Services

By Deployment:

On-premise

Cloud

By Enterprise Size:

Small & Medium Enterprises (SMEs)

Large Enterprises

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

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- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia Pacific

Latin America

- Brazil
- Mexico

Middle East & Africa

- UAE
- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2025 to 2035.

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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.

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