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Cybersecurity Automation Market Forecasts to 2032 – Global Analysis By Offering (Solutions and Services), Deployment Mode, Code Type, Technology, Application, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Cybersecurity Automation Market is accounted for $10.21 billion in 2025 and is expected to reach $22.85 billion by 2032 growing at a CAGR of 12.2% during the forecast period. Cybersecurity automation refers to the use of software, analytics, and machine learning to automatically detect, investigate, and respond to security threats across digital environments. It orchestrates tools such as SIEM, SOAR, and endpoint protection to streamline workflows, reduce manual intervention, and accelerate incident response. By codifying policies and playbooks, automation improves consistency, scalability, and accuracy, enabling organizations to manage growing attack surfaces, handle high alert volumes, minimize human error, and strengthen overall cyber resilience efficiently, while supporting compliance, collaboration, visibility, governance, integration, prioritization, containment, recovery.

Market Dynamics:

Driver:

Regulatory compliance pressure

Governments and industry bodies are enforcing stricter data protection laws such as GDPR, HIPAA, and CCPA, which demand continuous monitoring and compliance reporting. Enterprises are under pressure to demonstrate adherence to these standards, making manual processes insufficient. Automation tools are increasingly deployed to streamline compliance audits and reduce human error. Advanced platforms

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integrate AI-driven analytics to ensure real-time detection of policy violations. As penalties for non-compliance escalate, businesses are prioritizing automated governance solutions. This regulatory environment is acting as a strong catalyst for market expansion.

Restraint:

Complexity of legacy systems

Legacy systems often lack compatibility with modern automation platforms, creating integration challenges. Organizations face difficulties in migrating sensitive data and critical applications without disrupting operations. The cost and time required to modernize these systems further slow down automation initiatives. Smaller firms are particularly constrained by limited budgets and technical expertise. In many cases, legacy environments introduce vulnerabilities that automation cannot fully mitigate. This complexity continues to restrain the pace of cybersecurity automation deployment across industries.

Opportunity:

Managed security service providers (MSSPs)

Many organizations lack the in-house resources to manage complex automation tools effectively. MSSPs provide scalable solutions that combine automation with human oversight, ensuring comprehensive protection. Their services include real-time threat monitoring, compliance management, and incident response automation. Advances in cloud-based delivery models are making MSSPs more accessible to mid-sized enterprises. Emerging markets are increasingly adopting MSSP offerings to address skill shortages and budget constraints. This trend is creating new growth avenues for vendors specializing in managed automation services.

Threat:

Concentrated infrastructure risk

Cloud platforms and shared data centers concentrate critical assets, making them attractive targets for cyberattacks. A single breach in these environments can disrupt multiple organizations simultaneously. Automation tools, while effective, may struggle to contain cascading failures across interconnected systems. Dependence on a few

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dominant providers amplifies systemic risk. Regional outages or targeted attacks can undermine confidence in automated defenses.

Covid-19 Impact:

The pandemic accelerated digital transformation, reshaping cybersecurity priorities worldwide. Remote work adoption expanded attack surfaces, driving demand for automated monitoring and response systems. Organizations faced heightened phishing, ransomware, and insider threats during this period. Supply chain disruptions impacted the delivery of security hardware but boosted reliance on cloud-based automation. Regulatory agencies introduced flexible compliance measures to support rapid digital adoption. Post-pandemic strategies emphasize resilience, automation, and decentralized security architectures. Overall, Covid-19 acted as both a stress test and a growth driver for cybersecurity automation.

The solutions segment is expected to be the largest during the forecast period

The solutions segment is expected to account for the largest market share during the forecast period. Enterprises are investing heavily in automated threat detection, incident response, and compliance management platforms. These solutions are essential for reducing manual workloads and improving accuracy in security operations. AI-driven analytics and machine learning models are enhancing the effectiveness of automated tools. Organizations are increasingly adopting integrated platforms that unify monitoring, reporting, and remediation. Rising cyberattack volumes and regulatory demands are reinforcing the importance of comprehensive solutions.

The healthcare & life sciences segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the healthcare & life sciences segment is predicted to witness the highest growth rate. Rising digitization of patient records and telemedicine platforms has expanded the threat landscape. Hospitals and research institutions face stringent compliance requirements under HIPAA and other regulations. Automation tools are being deployed to secure sensitive health data and streamline compliance reporting. The sector is also vulnerable to ransomware attacks, making automated incident response critical. Growing investment in connected medical devices further drives demand for automated security frameworks.

Region with largest share:

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During the forecast period, the North America region is expected to hold the largest market share. The region benefits from advanced technological infrastructure and strong regulatory enforcement. U.S. enterprises are leading adopters of AI-driven security automation tools. Government initiatives and funding programs are supporting widespread deployment across industries. The presence of major cybersecurity vendors strengthens the ecosystem and accelerates innovation. High awareness of cyber risks among enterprises and consumers further fuels adoption.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR. Rapid digitalization across countries like China, India, and Singapore is expanding the need for automated defenses. Governments are introducing stricter data protection laws, driving compliance-focused automation adoption. The region is witnessing a surge in cloud computing and IoT deployments, increasing vulnerability to cyber threats. Enterprises are investing in MSSPs and automation platforms to address skill shortages. Strategic collaborations between global vendors and local firms are accelerating technology transfer.

Key players in the market

Some of the key players in Cybersecurity Automation Market include IBM Corporation, ReliaQuest, Cisco Systems, Inc., Microsoft Corporation, Palo Alto Networks, Inc., Ayehu Software Technologies Ltd., Splunk Inc., Tufin Software Technologies Ltd., Rapid7, Inc., ThreatConnect, Inc., Fortinet, Inc., LogRhythm, Inc., Swimlane LLC, Securonix, Inc., and Exabeam, Inc.

Key Developments:

In January 2026, Datavault AI Inc. announced it will deliver enterprise-grade AI performance at the edge in New York and Philadelphia through an expanded collaboration with IBM (NYSE: IBM) using the SanQtum AI platform. Operated by Available Infrastructure, SanQtum AI is a fleet of synchronized micro edge data centers running IBM’s watsonx portfolio of AI products on a zero-trust network.

In December 2025, Madison Square Garden Entertainment Corp. announced a new, multi-year partnership with Cisco, naming the worldwide leader in networking and security An Official Partner of Madison Square Garden (MSG).

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Offerings Covered:

- Solutions
- Services

Deployment Modes Covered:

- Cloud-based
- On-Premises

Code Types Covered:

- Low Code
- No-Code
- Full Code

Technologies Covered:

- Artificial Intelligence & Machine Learning (AI & ML)
- Predictive Analytics
- Robotic Process Automation (RPA)
- User & Entity Behavior Analytics (UEBA)

Applications Covered:

- Network Security

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- Endpoint Security
- Incident Response Management
- Data Protection & Encryption
- Vulnerability Management
- Compliance & Policy Management
- Identity & Access Management (IAM)
- Other Applications

End Users Covered:

- Banking, Financial Services & Insurance (BFSI)
- Energy & Utilities
- Healthcare & Life Sciences
- Media & Entertainment
- Manufacturing
- Retail & E-commerce
- IT & Telecom
- Government & Defense

Regions Covered:

- North America
  - US

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- Canada
- Mexico

Europe

- Germany
- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

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

South America

- Argentina

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Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

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SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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