

Global Industrial Cybersecurity Market Size Study, by Security Type (Antivirus/Malware, Firewall, Data Loss Prevention (DLP), SCADA, Security Information and Event Management (SIEM), Identity and Access Management, Distributed Denial of Service (DDoS), Endpoint Security, Application Security), by Deployment Type (Cloud, On-Premises), by End-Use Industry (Energy, Manufacturing, Utilities, Oil & Gas, Transportation, Healthcare), and Regional Forecasts 2022-2032

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Abstracts

The Global Industrial Cybersecurity Market is valued at approximately USD 76.99 billion in 2023 and is anticipated to grow at a healthy CAGR of 9.8% during the forecast period 2024–2032, reaching a market size of USD 179.59 billion by 2032. Industrial cybersecurity represents an essential segment of the global cybersecurity landscape, focusing on protecting industrial systems, critical infrastructure, and operational technology (OT) against sophisticated cyber threats. With the surge in digital transformation and adoption of IoT, artificial intelligence (AI), and cloud computing, the demand for robust industrial cybersecurity solutions has reached unprecedented levels.

The integration of IoT in Industrial Control Systems (ICS) has revolutionized operational efficiencies but has also introduced a new wave of vulnerabilities. To counteract these threats, organizations are deploying AI-powered security solutions to anticipate, identify, and mitigate cyber risks in real time. Furthermore, the increasing need to comply with stringent regulatory mandates for critical industries, such as energy and utilities, is

propelling the adoption of advanced cybersecurity measures.

The cloud deployment type is projected to exhibit the highest growth rate due to its cost efficiency, scalability, and ability to support distributed workforces. Cloud-based security solutions have become indispensable for industries storing critical data and managing remote operations. Meanwhile, network security is anticipated to dominate in terms of market share, given its critical role in safeguarding interconnected devices and ensuring seamless data flow.

North America leads the global market, driven by its early adoption of advanced technologies, robust industrial environment, and stringent cybersecurity frameworks. Asia-Pacific, however, is the fastest-growing region, fueled by rapid industrialization, increasing digitalization, and growing investments in critical infrastructure protection.

Market Highlights

Rising Cyber Threats: The growing prevalence of sophisticated cyberattacks targeting critical infrastructure has intensified the demand for industrial cybersecurity solutions.

Cloud Security Advancements: Organizations are increasingly adopting cloud-based solutions for their flexibility, cost efficiency, and robust data security capabilities.

Regulatory Mandates: Compliance with industry-specific regulations ensures the widespread adoption of cybersecurity solutions across energy, utilities, manufacturing, and healthcare sectors.

Regional Dominance: North America remains the largest market, while Asia-Pacific emerges as the fastest-growing region due to expanding industrial activities and government initiatives promoting cybersecurity.

Major Market Players Included in this Report Are:

IBM (US)

Microsoft (US)

Palo Alto Networks (US)

Schneider Electric (France)

ABB (Switzerland)

Siemens (Germany)

Rockwell Automation (US)

Honeywell International Inc. (US)

Fortinet, Inc. (US)

Musarubra US LLC (Trellix) (US)

McAfee (US)

Trend Micro (Japan)

Kaspersky (Russia)

Check Point Software Technologies (Israel)

Symantec (US)

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

By Security Type:

Antivirus/Malware

Firewall

Data Loss Prevention (DLP)

SCADA

Security Information and Event Management (SIEM)

Identity and Access Management

Distributed Denial of Service (DDoS)

Endpoint Security

Application Security

By Deployment Type:

Cloud

On-Premises

By End-Use Industry:

Energy

Manufacturing

Utilities

Oil & Gas

Transportation

Healthcare

By Region:

North America: U.S., Canada

Europe: UK, Germany, France, Spain, Italy, Rest of Europe

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

Latin America: Brazil, Mexico, Rest of Latin America

Middle East & Africa: Saudi Arabia, South Africa, Rest of Middle East & Africa

Years considered for the study:

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.

Demand-side and supply-side analysis of the market.

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