

# Industrial Control Systems Security Market To Reach USD 32.47 Bn. by 2032, at a CAGR of 7.05% To Forecast 2025-2032

Global Industrial Control Systems Security Market size was valued at USD 18.83 Bn. in 2024 and is expected to reach USD 32.47 Bn. by 2032, at a CAGR of 7.05%.

LOS ANGELS, CA, UNITED STATES, July 31, 2025 /EINPresswire.com/ -- Stellar Market Research examines the growth rate of the [Industrial Control Systems Security Market](#) during the forecasted period 2025-2032

The Industrial Control Systems Security Market is projected to grow at a CAGR of approximately 7.05% over the forecast period. The Industrial Control Systems Security Market was valued at USD 18.83 billion in 2024 and is expected to reach USD 32.47 billion by 2032. More cyberattacks, digital change, rules, OT-IT joining, smart setups, remote use, and the need to follow rules are making more people want ICS safety fixes, money put in, and new ways to find threats all over the world.

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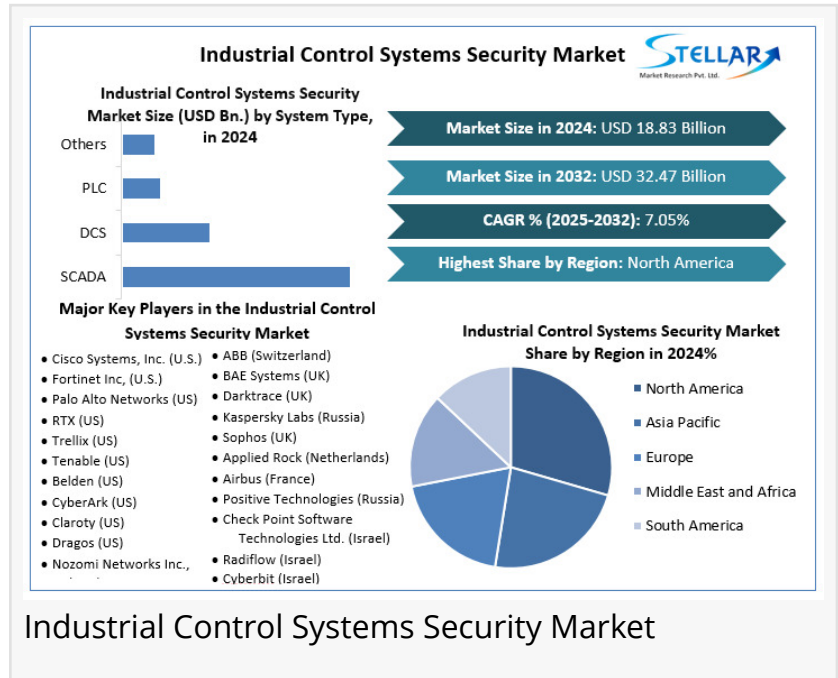
Industrial Control Systems Security is vital for safeguarding critical infrastructure, ensuring operational continuity, and defending against evolving cyber threats”

*Dharati Raut*

## Industrial Control Systems Security Market Overview

The Industrial Control Systems (ICS) Security Market keeps key things like energy, manufacturing, and services safe from online harm. More mixing of IT and OT, using Industry 4.0, and smart attacks make people want better security fixes, like gear, programs, and help. Rules to follow and more know-how of online risks push money into it. Problems are there, like old weak spots and hard set-ups, but new steps in AI, threat know-how, and joined-up

security plans give chances to grow. The market is getting big fast as places put first keeping



work things safe for safety and non-stop work.

To know the most attractive segments, click here for a free sample of the report:

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## Industrial Control Systems Security Market Dynamics

### Drivers

#### Rising Cyberattacks on Critical Infrastructure

Industrial Control Systems (ICS) are key for cyber hits, like in the Stuxnet and Colonial Pipeline ransom cases. These events showed weak spots in vital gear, leading to more money spent on ICS safe work, harder rules, and better danger checks. Now, countries and work fields all over are making their cyber safety plans stronger to guard key services against more clever web risks.

#### Digital Transformation and Industry 4.0 Integration

The rise of Industry 4.0 means more use of IoT, AI, cloud tech, and big data. This makes work faster but also opens more chances for cyberattacks. Old systems and merging IT with OT make this worse. New dangers are things like AI-driven ransomware and wide data spread. To fight these risks, places use the Zero Trust model, update their systems often, teach their people, look for threats better, and use tough data encryption. All to keep growing networked work areas safe.

#### Growing Awareness and Investment in OT Security

More cyber dangers and IT-OT mix-ups have made top leaders take note. This has led to more money put into OT safety. The market is growing fast. Firms such as Claroty got \$100M, and Siemens started new high-end fixes. Even with issues like short breaks and teamwork holes, groups are taking early steps to keep Industrial Control Systems safe and keep key services running well.

### Restrain

#### High Implementation and Maintenance Costs

High costs for setup and upkeep block ICS safety use, mainly for small firms, due to high prices for software, hardware, and skilled workers. Old systems make it harder. A Deloitte study shows 47% of small firms say cost is a big roadblock. Ways to fix this are with flexible prices, government help, and cloud setups to lower money issues and make better safety plans.

## Innovations and Developments

Technological innovation is a key factor propelling the Industrial Control Systems Security Market forward. Notable advancements include:

**Zero Trust Architecture:** Zero Trust rules like micro-segmentation and multi-factor checks are now in 40% of big work sites. This boosts network safety by checking each device and person trying to link.

**Post-Quantum Cryptography (PQC):** With new quantum tech coming, moving to PQC rules is key. The UK has to work on changing more than a billion smart meters to PQC-ok systems. This is to keep safe from coming quantum risks.

## Industrial Control Systems Security Market Segmentation

### By Security Type

By Security Type, the Industrial Control Systems Security Market is further segmented into Network Security, Endpoint Security, Application Security, and Database Security. Network security dominates ICS security because it is key in keeping linked work systems safe. New steps such as AI for spotting risks, Zero Trust plans, and cloud help boost guard. Latest buys and money put in show its big role in keeping our main works safe from new web dangers.

## Industrial Control Systems Security Market Regional Analysis

**North America:** North America tops the ICS Security Market due to a lot of key setups, strict rules like NERC CIP, tech advances, and big money put in. New cash help and plans from the government after cyberattacks make its lead role in keeping industrial control systems safe even stronger.

**Europe:** North America leads the ICS Security Market because it has many main spots, hard rules like NERC CIP, tech growth, and a lot of money put in. New money and plans from the government after cyber-attacks make its top spot in keeping industrial control systems safe even firmer.

**Asia-Pacific:** Asia-Pacific is the third-largest ICS security market because of quick factory build-up, tough cyber laws, more web risks, and big cash put in. New tech by Siemens and Rockwell lift the area's growth and safety steps.

### Recent Developments:

Palo Alto Networks is deep in talks to buy CyberArk Software for more than \$20 billion. They want to up their identity security and get better at managing special access, fitting with their plan

to grow by buying companies.

Claroty, a firm that knows a lot about cybersecurity for OT, got \$100 million to make its platform better. They aim to create a full solution that helps with network defense and finding threats.

To know the most attractive segments, click here for a free sample of the report:

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## Industrial Control Systems Security Market Competitive Landscape

The global and regional players in the Industrial Control Systems Security Market concentrate on developing and enhancing their capabilities, resulting in fierce competition. Notable players include:

Cisco Systems, Inc. (U.S.)

Lockheed Martin Corporation (U.S.)

Fortinet Inc, (U.S.)

Honeywell International Inc. (U.S.)

Palo Alto Networks (US)

RTX (US)

Trellix (US)

Tenable (US)

Belden (US)

CyberArk (US)

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