

Industrial Control Systems (ICS) Security Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global industrial control systems (ICS) security market size reached US\$ 19.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.9 Billion by 2028, exhibiting a growth rate (CAGR) of 8% during 2023-2028.

Industrial control systems (ICS) security refers to various practices employed to protect computer-controlled systems from cybersecurity threats. These systems are widely utilized in industrial processes to automate or remotely control product manufacturing, handling, and distribution. Some commonly used ICS security solutions include asset inventory and detection, vulnerability management, network intrusion protection and detection, endpoint detection and response, patch management, and user and access management. In recent years, ICS security solutions have gained traction across numerous industries, including automotive, power and utilities, oil and gas, chemical, food and beverage, and pharmaceuticals.

Industrial Control Systems (ICS) Security Market Trends:

ICS security solutions help safeguard the software and hardware that are used to operate machinery against cyberattacks without interrupting day-to-day operations. As a result, the escalating demand for secure ICS and the rising cyberattacks and network security threats represent the primary factors driving the market growth. Besides this, the widespread adoption of the Internet of Things (IoT) and automation technologies across various industries is augmenting the product demand. Additionally, the recent coronavirus disease (COVID-19) outbreak has accelerated the adoption of digital transformation strategies, which, in turn, has strengthened the need for security. Along with this, the increasing investments in smart grid deployment and the rising number of automated manufacturing facilities in the automotive sector are encouraging

automakers to opt for ICS security solutions. Moreover, several leading players are focusing on research and development (R&D) activities to launch advanced product variants for enhanced protection against evolving cyberattacks. Other factors, including the increasing penetration of innovative technologies in industrial systems, surging production of electric vehicles (EVs), rapid industrialization, favorable government initiatives, and technological advancements, are also expected to create a positive market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global industrial control systems (ICS) security market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, system type, security type and application.

Breakup by Component:

- Solution
- Services

Breakup by System Type:

- SCADA
- DCS
- PLC
- Others

Breakup by Security Type:

- Network Security
- Endpoint Security
- Application Security
- Database Security

Breakup by Application:

- Manufacturing
- Power & Energy
- Mining
- Water Utility

Transportation
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd., AhnLab Inc., AO Kaspersky Lab, Belden Incorporated, Broadcom Inc., Check Point Software Technologies Ltd., Cisco Systems Inc., Claroty Inc., Fortinet Inc., Honeywell International Inc., International Business Machines Corporation, Palo Alto Networks Inc. and Siemens AG.

Key Questions Answered in This Report:

How has the global industrial control systems (ICS) security market performed so far

and how will it perform in the coming years?

What has been the impact of COVID-19 on the global industrial control systems (ICS) security market?

What are the key regional markets?

What is the breakup of the market based on the component?

What is the breakup of the market based on the system type?

What is the breakup of the market based on the security type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global industrial control systems (ICS) security market and who are the key players?

What is the degree of competition in the industry?

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