

Global Industrial Control Systems Security Market Size Study & Forecast, By End User (Automotive, Chemical and Petrochemical, Power and Utilities, Pharmaceuticals, Food and Beverage, Oil and Gas, Other End-user Industries), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G9EDBFF740C4EN.html>

Date: July 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9EDBFF740C4EN

Abstracts

Global Industrial Control Systems Security Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Industrial Control Systems (ICS) security refers to the protection of the systems and networks used to control and monitor critical infrastructure in industries such as energy, manufacturing, water treatment, transportation, and more. These systems are responsible for managing and controlling industrial processes, and their security is crucial to prevent unauthorized access, disruptions, or malicious activities that have severe consequences for public safety, the environment, and the economy. Growing investment in digital technologies and industrial control structures to fulfill the growing demand for industrial control structures safety goods and services is propelling the growth of the industrial control systems (ICS) security market. Moreover, the stringent government rules and regulations related to the Continuous Improvement Programme (CIP) to increase the adoption of ICS security solutions in influencing growth for IoT solutions, and the rising initiatives for the development of smart cities and vital infrastructure, which have also boosted the need for security solutions for ICS are some factors contributing to the growth of the market.

Additionally, the growing number of cyber-attacks have led to the demand for industrial control systems security market on a global forefront. According to Cybertalk, In the previous period, ransomware struck 90% of organizations. Fifty percent had to deal with

ransomware at least twice, and twenty percent had to deal with it six to ten times. More than 236 million ransomware attacks happened globally in the first half of 2022 alone, and ransomware damages are estimated to reach USD 20 billion by the end of the year. The increased adoption of Industry 4.0 and IoT are driving the growth of the industrial sensors segment. In the estimated period, predictive maintenance is likely to provide attractive prospects to participants in the industrial sensors industry. Capturing sensor data, allowing data connections, and making predictions are all part of it. Because sensors are an essential component of predictive maintenance solutions, demand for industrial sensors is likely to skyrocket in the coming years. However, elements contributing to a restraint of this market includes growing complexity due to ageing ICS hardware or software in many organizations. Because of their relevance in plant operation, most organizations continue to employ legacy ICS. Because ICS are getting older, there are more possibilities for hacks and the complexity grows. Another barrier to the adoption of ICS security services in organizations is the expense incurred in installing a security system or platform.

The key regions considered for the Global Industrial Control Systems Security Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market with largest market share owing to factors such as responsiveness to the most recent technological advancements, such as integrating cloud and IoT security solutions with ICS security solutions to establish a comprehensive secure access mechanism and enforce a security governance framework. Asia Pacific is expected to grow with the fastest CAGR during the forecast period because of the increased investment for the deployment of safety measures is a result of the growing safety concerns. The fastest-growing sectors and technical advancements are being seen in the leading emerging markets, including South Korea, India, Japan, China, Australia, Hong Kong, and others. Additionally, efficient government laws are fostering market expansion. The demand for ICS security is also fueled by the expanding need for industry-specific cybersecurity, an increase in Public-Private Partnerships (PPPs), and increased R&D throughout the region.

Major market player included in this report are:

Darktrace Ltd

FireEye Inc.

IBM Corporation

Cisco Systems Inc.

Fortinet Inc.

Check Point Software Technologies Ltd

Honeywell International Inc.

Broadcom Inc. (Symantec Corporation)

AhnLab Inc.

McAfee LLC (TPG Capital)

Recent Developments in the Market:

In August 2022, Mandiant collaborated with Schneider Electric to examine INCONTROLLER, a collection of unique industrial control system (ICS)-oriented attack tools meant to target machine automation devices. The tools can communicate with specialized industrial equipment incorporated in numerous types of machinery utilised across multiple industries. While it is unknown whether this toolkit targets any operational environments, the virus poses a serious risk to organizations that utilize the targeted devices. INCONTROLLER is most definitely state-sponsored and possesses capabilities for disruption, sabotage, and potentially physical destruction.

In November 2021, Palo Alto Networks, based in California, has announced a collaboration with Siemens, based in Munich, Germany, to incorporate its VM-Series firewalls into Siemens Ruggedcom networking and security solutions. This collaboration will also enable organisations to protect their industrial control systems and other vital infrastructure without losing security, performance, or scalability. Furthermore, the collaboration enables clients to expand security policies beyond information technology (IT) and industrial control systems.

In September 2021, BAE Systems has purchased In-Space Missions, a UK-based company that designs, runs, and produces satellite systems. To create an enticing sovereign UK space proposition, the acquisition will combine BAE Systems' experience in strong security satellite communications with In-Space Missions' complete lifecycle satellite capabilities.

Global Industrial Control Systems Security Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered -End User, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By End User:

Automotive

Chemical and Petrochemical

Power and Utilities

Pharmaceuticals

Food and Beverage

Oil and Gas

Other End-user Industries

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Industrial Control Systems Security Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Industrial Control Systems Security Market, by End User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL INDUSTRIAL CONTROL SYSTEMS SECURITY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL INDUSTRIAL CONTROL SYSTEMS SECURITY MARKET DYNAMICS

- 3.1. Industrial Control Systems Security Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing government regulations
 - 3.1.1.2. Development of crucial infrastructure and smart cities
 - 3.1.1.3. Growing number of cyber-attacks
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost of installation of a security system or platform
 - 3.1.2.2. Industrial control systems are ageing and growing older
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increased adoption of Industry 4.0 and IoT
 - 3.1.3.2. Growing investment in digital technologies and industrial control structures

CHAPTER 4. GLOBAL INDUSTRIAL CONTROL SYSTEMS SECURITY MARKET:

INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INDUSTRIAL CONTROL SYSTEMS SECURITY MARKET, BY END USER

- 5.1. Market Snapshot
- 5.2. Global Industrial Control Systems Security Market by End User, Performance - Potential Analysis
- 5.3. Global Industrial Control Systems Security Market Estimates & Forecasts by End User 2020-2030 (USD Billion)
- 5.4. Industrial Control Systems Security Market, Sub Segment Analysis
 - 5.4.1. Automotive
 - 5.4.2. Chemical and Petrochemical
 - 5.4.3. Power and Utilities
 - 5.4.4. Pharmaceuticals
 - 5.4.5. Food and Beverage
 - 5.4.6. Oil and Gas
 - 5.4.7. Other End-user Industries

CHAPTER 6. GLOBAL INDUSTRIAL CONTROL SYSTEMS SECURITY MARKET, REGIONAL ANALYSIS

- 6.1. Top Leading Countries
- 6.2. Top Emerging Countries
- 6.3. Industrial Control Systems Security Market, Regional Market Snapshot
- 6.4. North America Industrial Control Systems Security Market
 - 6.4.1. U.S. Industrial Control Systems Security Market
 - 6.4.1.1. End User breakdown estimates & forecasts, 2020-2030
 - 6.4.1.2. Solution breakdown estimates & forecasts, 2020-2030
 - 6.4.1.3. Industry breakdown estimates & forecasts, 2020-2030
 - 6.4.2. Canada Industrial Control Systems Security Market
- 6.5. Europe Industrial Control Systems Security Market Snapshot
 - 6.5.1. U.K. Industrial Control Systems Security Market
 - 6.5.2. Germany Industrial Control Systems Security Market
 - 6.5.3. France Industrial Control Systems Security Market
 - 6.5.4. Spain Industrial Control Systems Security Market
 - 6.5.5. Italy Industrial Control Systems Security Market
 - 6.5.6. Rest of Europe Industrial Control Systems Security Market
- 6.6. Asia-Pacific Industrial Control Systems Security Market Snapshot
 - 6.6.1. China Industrial Control Systems Security Market
 - 6.6.2. India Industrial Control Systems Security Market
 - 6.6.3. Japan Industrial Control Systems Security Market
 - 6.6.4. Australia Industrial Control Systems Security Market
 - 6.6.5. South Korea Industrial Control Systems Security Market
 - 6.6.6. Rest of Asia Pacific Industrial Control Systems Security Market
- 6.7. Latin America Industrial Control Systems Security Market Snapshot
 - 6.7.1. Brazil Industrial Control Systems Security Market
 - 6.7.2. Mexico Industrial Control Systems Security Market
- 6.8. Middle East & Africa Industrial Control Systems Security Market
 - 6.8.1. Saudi Arabia Industrial Control Systems Security Market
 - 6.8.2. South Africa Industrial Control Systems Security Market
 - 6.8.3. Rest of Middle East & Africa Industrial Control Systems Security Market

CHAPTER 7. COMPETITIVE INTELLIGENCE

- 7.1. Key Company SWOT Analysis
 - 7.1.1. Company

- 7.1.2. Company
- 7.1.3. Company
- 7.2. Top Market Strategies
- 7.3. Company Profiles
 - 7.3.1. Darktrace Ltd.
 - 7.3.1.1. Key Information
 - 7.3.1.2. Overview
 - 7.3.1.3. Financial (Subject to Data Availability)
 - 7.3.1.4. Product Summary
 - 7.3.1.5. Recent Developments
 - 7.3.2. FireEye Inc.
 - 7.3.3. IBM Corporation
 - 7.3.4. Cisco Systems Inc.
 - 7.3.5. Fortinet Inc.
 - 7.3.6. Check Point Software Technologies Ltd
 - 7.3.7. Honeywell International Inc.
 - 7.3.8. Broadcom Inc. (Symantec Corporation)
 - 7.3.9. AhnLab Inc.
 - 7.3.10. McAfee LLC (TPG Capital)

CHAPTER 8. RESEARCH PROCESS

- 8.1. Research Process
 - 8.1.1. Data Mining
 - 8.1.2. Analysis
 - 8.1.3. Market Estimation
 - 8.1.4. Validation
 - 8.1.5. Publishing
- 8.2. Research Attributes
- 8.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Industrial Control Systems Security Market, report scope

TABLE 2. Global Industrial Control Systems Security Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Industrial Control Systems Security Market estimates & forecasts by End User 2020-2030 (USD Billion)

TABLE 4. Global Industrial Control Systems Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 5. Global Industrial Control Systems Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global Industrial Control Systems Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Industrial Control Systems Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Industrial Control Systems Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Industrial Control Systems Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Industrial Control Systems Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Industrial Control Systems Security Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Industrial Control Systems Security Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. U.S. Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. U.S. Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 15. U.S. Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 16. Canada Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. Canada Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. UK Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. UK Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. Germany Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. Germany Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. France Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. France Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. Italy Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. Italy Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Spain Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Spain Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. RoE Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. RoE Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. China Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. China Industrial Control Systems Security Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 39. China Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. India Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. India Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. Japan Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. Japan Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. South Korea Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. South Korea Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. Australia Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. Australia Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. RoAPAC Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. RoAPAC Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. Brazil Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. Brazil Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Mexico Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Mexico Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. RoLA Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. RoLA Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Saudi Arabia Industrial Control Systems Security Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. South Africa Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoMEA Industrial Control Systems Security Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. List of secondary sources, used in the study of global Industrial Control Systems Security Market

TABLE 68. List of primary sources, used in the study of global Industrial Control Systems Security Market

TABLE 69. Years considered for the study

TABLE 70. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Industrial Control Systems Security Market, research methodology
 - FIG 2. Global Industrial Control Systems Security Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Industrial Control Systems Security Market, key trends 2022
 - FIG 5. Global Industrial Control Systems Security Market, growth prospects 2023-2030
 - FIG 6. Global Industrial Control Systems Security Market, porters 5 force model
 - FIG 7. Global Industrial Control Systems Security Market, pest analysis
 - FIG 8. Global Industrial Control Systems Security Market, value chain analysis
 - FIG 9. Global Industrial Control Systems Security Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Industrial Control Systems Security Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Industrial Control Systems Security Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Industrial Control Systems Security Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Industrial Control Systems Security Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Industrial Control Systems Security Market, regional snapshot 2020 & 2030
 - FIG 15. North America Industrial Control Systems Security Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Industrial Control Systems Security Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Industrial Control Systems Security Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Industrial Control Systems Security Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Industrial Control Systems Security Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Industrial Control Systems Security Market Size Study & Forecast, By End User (Automotive, Chemical and Petrochemical, Power and Utilities, Pharmaceuticals, Food and Beverage, Oil and Gas, Other End-user Industries), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G9EDBFF740C4EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9EDBFF740C4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970