

Industrial Control Systems - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/I15B0FDEE57EEN.html>

Date: June 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: I15B0FDEE57EEN

Abstracts

According to Statistics MRC, the Global Industrial Control Systems Market is accounted for \$45.30 billion in 2020 and is expected to reach \$86.36 billion by 2028 growing at a CAGR of 8.4% during the forecast period. Growing demand for connectivity, digitization, and innovative technologies and high investments by industries in the R&D of industrial control systems are driving the market growth. However, the unavailability of authentication procedures in many industries is restraining the market growth.

An industrial control system is a combination of industrial devices, systems, networks, and industrial controls are used to operate and automate industrial processes. It is a combination of software and hardware facilitated with network connectivity to support the essential systems, assets, and processes. Industrial control systems are mainly used in transmission, power generation, and distribution to collect and analyze the data for the proper functioning of systems and processes.

Based on end-user, the food and beverage segment is going to have lucrative growth during the forecast period due to the growth of the economy and disposable incomes. The increasing population is also contributing to this industry.

By geography, North America is going to have significant growth during the forecast period due to the high investments by government administrations in the development of several security solutions such as DDoS, anti-virus, SCADA encryption, and firewall.

Some of the key players profiled in the Industrial Control Systems include ABB Limited, Emerson Electric Co., GLC Controls Inc., Honeywell International Inc., Mitsubishi Electric Corporation, Omron Corporation, Rockwell Automation Inc., Schneider Electric

SE, Siemens AG, and Yokogawa Electric Corporation.

Components Covered:

Supervisory Control and Data Acquisition System (SCADA)

Distributed Control System (DCS)

Machine Execution System (MES)

Hybrid (Hybrid of SCADA and DCS)

Product Lifecycle Management (PLM)

Enterprise Resource Planning (ERP)

Remote Terminal Unit (RTU)

Embedded Control Systems

Other Components

Solutions Covered:

Antimalware/Antivirus

Data Loss Prevention

Database Activity Monitoring

Distributed Denial Of Service Mitigation

Firewall

Identity And Access Management

Intrusion Detection System/Intrusion Prevention System

Security And Vulnerability Management

Security Configuration Management

Security Information and Event Management

Supervisory Control and Data Acquisition System (SCADA) Encryption

Unified Threat Management (UTM)

Virtualization Security and Distributed Denial of Services (DDoS)

Services Covered:

Consulting And Integration

Incident Response Service

Managed Security Service

Support And Maintenance Service

Training And Development Service

Hardware's Covered:

Control Valves

Control Devices

Robots

Sensors

Enclosures

Accessories

Security Types Covered:

Database

Endpoint

Network

Vertical

End Users Covered:

Oil and Gas

Chemical and Petrochemical

Electric Power

Automobile Industry

Medical & Life Science

Food and Beverage

Metals and Mining

Energy

Manufacturing

Nuclear

Automotive

Utility

Electronics & Semiconductors

Waste and Wastewater Treatment

Pharmaceutical Industry

Textiles

Oil & Gas

Packaging

Upstream

Other End Users

Regions Covered:

North America

US

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

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 2019, 2020, 2021, 2025 and 2028

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)

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)

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