

Cyber-physical Systems Market Size, Share, & Trends Analysis Report By Component (Hardware, Software, Services), By Type (Open-loop, Closed-loop), By Security (Embedded Security, Robotic Security), By End Use, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/CEC1F24A597BEN.html>

Date: May 2025

Pages: 120

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

ID: CEC1F24A597BEN

Abstracts

This report can be delivered to the clients within 5 Business Days

Cyber-physical Systems Market Trends

The global cyber-physical systems market size was estimated at USD 118.20 billion in 2024 and is anticipated to grow at a CAGR of 13.7% from 2025 to 2030. The growing adoption of Industry 4.0 is driving the CPS market.

As manufacturing and industrial sectors increasingly embrace automation, data exchange, and smart technologies, Cyber-physical systems (CPS) plays a central role in enabling real-time coordination between physical equipment and digital systems. These systems integrate sensors, embedded software, and networking capabilities to monitor and control physical processes with a high degree of accuracy and autonomy.

The demand for smart factories, predictive maintenance, and autonomous production lines significantly boosts the deployment of CPS across industrial landscapes. The rise of smart infrastructure and smart city initiatives around the world is driving the CPS market. Governments and municipalities invest in connected systems to enhance urban mobility, energy management, water distribution, and public safety. Cyber-physical systems enable this interconnectivity by linking digital intelligence with the physical infrastructure. For example, CPS can help optimize traffic flow, detect energy wastage in real-time, or automate emergency response systems, improving operational efficiency.

and quality of life in urban settings.

The increasing importance of precision and automation in sectors like healthcare and agriculture also fuels the CPS market growth. In healthcare, CPS enables advanced medical devices such as robotic surgery systems, smart prosthetics, and remote patient monitoring tools that require high accuracy and seamless software and hardware integration. In agriculture, CPS supports precision farming through sensor-based soil monitoring, automated irrigation systems, and drone-assisted crop management. These capabilities help reduce waste, improve resource utilization, and increase overall productivity, prompting further investment in CPS solutions.

The rapid development of 5G and edge computing infrastructure is another crucial factor accelerating the adoption of cyber-physical systems. These technologies offer the low latency and high bandwidth necessary for CPS to function efficiently in real-time applications, particularly in environments where time-sensitive data exchange is critical, such as autonomous vehicles or robotic manufacturing cells. With the expansion of these next-gen networks, CPS applications are becoming more robust, scalable, and suitable for mission-critical operations.

Furthermore, the growth of artificial intelligence (AI) and machine learning (ML) technologies is amplifying the value of CPS. These intelligent systems can analyze data from physical processes in real-time and make autonomous decisions that optimize performance, reduce downtime, or adapt to changing conditions. Integrating AI into CPS transforms them from reactive to proactive systems, expanding their application in everything from logistics and environmental monitoring to aerospace and autonomous systems. This convergence of AI and CPS creates a powerful ecosystem that drives innovation and demand across industries.

Global Cyber-physical Systems Market Report Segmentation

This report forecasts revenue growth at the global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global cyber-physical systems market report based on component, type, security, end use, and region:

Component Outlook (Revenue, USD Billion, 2018 - 2030)

Hardware

Software

Services

Type Outlook (Revenue, USD Billion, 2018 - 2030)

Open-Loop

Closed-Loop

Security Outlook (Revenue, USD Billion, 2018 - 2030)

Embedded Security

Industrial Control Systems (ICS) Security

Robotic Security

Internet of Things (IoT) Security

Others

End Use Outlook (Revenue, USD Billion, 2018 - 2030)

Aerospace and Defence

Automotive

Energy and Utility

Healthcare

Manufacturing

Consumer Electronics

Others

Regional Outlook (Revenue, USD Billion, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Asia Pacific

China

India

Japan

South Korea

Australia

Latin America

Brazil

Middle East & Africa

UAE

Saudi Arabia

South Africa

Companies Mentioned

ABB

Honeywell International Inc.

Siemens AG

Schneider Electric

Rockwell Automation

General Electric Company

Hitachi, Ltd.

Toshiba Corporation

Robert Bosch GmbH

Cisco Systems, Inc.

Emerson Electric Co.

Intel Corporation

IBM Corporation

Microsoft Corporation

Yokogawa Electric Corporation

Claroty

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Market Definitions
- 1.3. Research Methodology
 - 1.3.1. Information Procurement
 - 1.3.2. Information or Data Analysis
 - 1.3.3. Market Formulation & Data Visualization
 - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
 - 1.4.1. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. CYBER-PHYSICAL SYSTEMS (CPS) VARIABLES, TRENDS, & SCOPE

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Industry Value Chain Analysis
- 3.3. Market Dynamics
 - 3.3.1. Market Drivers Analysis
 - 3.3.2. Market Restraints Analysis
 - 3.3.3. Industry Opportunities
- 3.4. Cyber-Physical Systems (CPS) Analysis Tools
 - 3.4.1. Porter's Analysis
 - 3.4.1.1. Bargaining power of the suppliers
 - 3.4.1.2. Bargaining power of the buyers
 - 3.4.1.3. Threats of substitution
 - 3.4.1.4. Threats from new entrants
 - 3.4.1.5. Competitive rivalry
 - 3.4.2. PESTEL Analysis
 - 3.4.2.1. Political landscape
 - 3.4.2.2. Economic and Social Landscape
 - 3.4.2.3. Technological landscape

3.4.2.4. Environmental landscape

3.4.2.5. Legal landscape

CHAPTER 4. CYBER-PHYSICAL SYSTEMS (CPS): COMPONENT ESTIMATES & TREND ANALYSIS

4.1. Cyber-Physical Systems (CPS) Market, By Component Analysis & Market Share, 2024 & 2030

4.2. Hardware

4.2.1. Hardware market estimates and forecasts, 2018 - 2030 (USD Billion)

4.3. Software

4.3.1. Software market estimates and forecasts, 2018 - 2030 (USD Billion)

4.4. Services

4.4.1. Services market estimates and forecasts, 2018 - 2030 (USD Billion)

CHAPTER 5. CYBER-PHYSICAL SYSTEMS (CPS): TYPE ESTIMATES & TREND ANALYSIS

5.1. Cyber-Physical Systems (CPS) Market, By Type Analysis & Market Share, 2024 & 2030

5.2. Open-Loop

5.2.1. Open-loop market estimates and forecasts, 2018 - 2030 (USD Billion)

5.3. Closed-Loop

5.3.1. Closed-loop market estimates and forecasts, 2018 - 2030 (USD Billion)

CHAPTER 6. CYBER-PHYSICAL SYSTEMS (CPS): SECURITY ESTIMATES & TREND ANALYSIS

6.1. Cyber-Physical Systems (CPS) Market, By Security Analysis & Market Share, 2024 & 2030

6.2. Embedded Security

6.2.1. Embedded security market estimates and forecasts, 2018 - 2030 (USD Billion)

6.3. Industrial Control Systems (ICS) Security

6.3.1. Industrial control systems (ICS) security market estimates and forecasts, 2018 - 2030 (USD Billion)

6.4. Robotic Security

6.4.1. Robotic security market estimates and forecasts, 2018 - 2030 (USD Billion)

6.5. Internet of Things (IoT) Security

6.5.1. Internet of things (IoT) security market estimates and forecasts, 2018 - 2030

(USD Billion)

6.6. Others

6.6.1. Others market estimates and forecasts, 2018 - 2030 (USD Billion)

CHAPTER 7. CYBER-PHYSICAL SYSTEMS (CPS): END USE ESTIMATES & TREND ANALYSIS

7.1. Cyber-Physical Systems (CPS) Market, By End Use Analysis & Market Share, 2024 & 2030

7.2. Healthcare

7.2.1. Healthcare market estimates and forecasts, 2018 - 2030 (USD Billion)

7.3. Aerospace and Defence

7.3.1. Aerospace and defence market estimates and forecasts, 2018 - 2030 (USD Billion)

7.4. Automotive

7.4.1. Automotive market estimates and forecasts, 2018 - 2030 (USD Billion)

7.5. Energy and Utility

7.5.1. Energy and utility market estimates and forecasts, 2018 - 2030 (USD Billion)

7.6. Manufacturing

7.6.1. Manufacturing market estimates and forecasts, 2018 - 2030 (USD Billion)

7.7. Consumer Electronics

7.7.1. Consumer electronics market estimates and forecasts, 2018 - 2030 (USD Billion)

7.8. Others

7.8.1. Others market estimates and forecasts, 2018 - 2030 (USD Billion)

CHAPTER 8. CYBER-PHYSICAL SYSTEMS (CPS) MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

8.1. Cyber-Physical Systems (CPS) Market Share, By Region, 2024 & 2030, USD Billion

8.2. North America

8.2.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.2.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.2.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.2.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.2.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.2.6. U.S.

8.2.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

- 8.2.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.2.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.2.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.2.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.2.7. Canada

- 8.2.7.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 8.2.7.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.2.7.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.2.7.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.2.7.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.2.8. Mexico

- 8.2.8.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 8.2.8.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.2.8.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.2.8.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.2.8.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.3. Europe

- 8.3.1. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.3.2. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.3.3. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.3.4. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.3.5. UK

- 8.3.5.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 8.3.5.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.3.5.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.3.5.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.3.5.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.3.6. Germany

- 8.3.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 8.3.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.3.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.3.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.3.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.3.7. France

- 8.3.7.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 8.3.7.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)
- 8.3.7.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)
- 8.3.7.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)
- 8.3.7.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4. Asia Pacific

8.4.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4.6. China

8.4.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4.7. India

8.4.7.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.7.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.7.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.7.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.7.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4.8. Japan

8.4.8.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.8.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.8.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.8.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.8.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4.9. Australia

8.4.9.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.9.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.9.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.9.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.9.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.4.10. South Korea

8.4.10.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.4.10.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.4.10.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.4.10.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.4.10.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.5. Latin America

8.5.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.5.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.5.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.5.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.5.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.5.6. Brazil

8.5.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.5.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.5.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.5.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.5.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.6. Middle East & Africa

8.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.6.6. UAE

8.6.6.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.6.6.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.6.6.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.6.6.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.6.6.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.6.7. Saudi Arabia

8.6.7.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.6.7.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.6.7.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.6.7.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.6.7.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

8.6.8. South Africa

8.6.8.1. Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

8.6.8.2. Market estimates and forecast by component, 2018 - 2030 (USD Billion)

8.6.8.3. Market estimates and forecast by type, 2018 - 2030 (USD Billion)

8.6.8.4. Market estimates and forecast by security, 2018 - 2030 (USD Billion)

8.6.8.5. Market estimates and forecast by end use, 2018 - 2030 (USD Billion)

CHAPTER 9. COMPETITIVE LANDSCAPE

9.1. Recent Developments & Impact Analysis by Key Market Participants

9.2. Company Categorization

9.3. Company Market Share Analysis, 2024

9.4. Company Heat Map Analysis

9.5. Strategy Mapping

9.5.1. Expansion

9.5.2. Mergers & Acquisition

9.5.3. Partnerships & Collaborations

9.5.4. Product Launches

9.5.5. Recent Developments

9.6. Company Profiles

9.6.1. ABB

9.6.1.1. Participant's Overview

9.6.1.2. Financial Performance

9.6.1.3. Product Benchmarking

9.6.1.4. Recent Developments

9.6.2. Honeywell International Inc.

9.6.2.1. Participant's Overview

9.6.2.2. Financial Performance

9.6.2.3. Product Benchmarking

9.6.2.4. Recent Developments

9.6.3. Siemens AG

9.6.3.1. Participant's Overview

9.6.3.2. Financial Performance

9.6.3.3. Product Benchmarking

9.6.3.4. Recent Developments

9.6.4. Schneider Electric

9.6.4.1. Participant's Overview

9.6.4.2. Financial Performance

9.6.4.3. Product Benchmarking

9.6.4.4. Recent Developments

9.6.5. Rockwell Automation

9.6.5.1. Participant's Overview

9.6.5.2. Financial Performance

9.6.5.3. Product Benchmarking

9.6.5.4. Recent Developments

9.6.6. General Electric Company

9.6.6.1. Participant's Overview

9.6.6.2. Financial Performance

9.6.6.3. Product Benchmarking

9.6.6.4. Recent Developments

9.6.7. Hitachi, Ltd.

- 9.6.7.1. Participant's Overview
- 9.6.7.2. Financial Performance
- 9.6.7.3. Product Benchmarking
- 9.6.7.4. Recent Developments
- 9.6.8. Toshiba Corporation
 - 9.6.8.1. Participant's Overview
 - 9.6.8.2. Financial Performance
 - 9.6.8.3. Product Benchmarking
 - 9.6.8.4. Recent Developments
- 9.6.9. Robert Bosch GmbH
 - 9.6.9.1. Participant's Overview
 - 9.6.9.2. Financial Performance
 - 9.6.9.3. Product Benchmarking
 - 9.6.9.4. Recent Developments
- 9.6.10. Cisco Systems, Inc.
 - 9.6.10.1. Participant's Overview
 - 9.6.10.2. Financial Performance
 - 9.6.10.3. Product Benchmarking
 - 9.6.10.4. Recent Developments
- 9.6.11. Emerson Electric Co.
 - 9.6.11.1. Participant's Overview
 - 9.6.11.2. Financial Performance
 - 9.6.11.3. Product Benchmarking
- 9.6.12. Intel Corporation
 - 9.6.12.1. Participant's Overview
 - 9.6.12.2. Financial Performance
 - 9.6.12.3. Product Benchmarking
 - 9.6.12.4. Recent Developments
- 9.6.13. IBM Corporation
 - 9.6.13.1. Participant's Overview
 - 9.6.13.2. Financial Performance
 - 9.6.13.3. Product Benchmarking
 - 9.6.13.4. Recent Developments
- 9.6.14. Microsoft Corporation
 - 9.6.14.1. Participant's Overview
 - 9.6.14.2. Financial Performance
 - 9.6.14.3. Product Benchmarking
 - 9.6.14.4. Recent Developments
- 9.6.15. Yokogawa Electric Corporation

- 9.6.15.1. Participant's Overview
- 9.6.15.2. Financial Performance
- 9.6.15.3. Product Benchmarking
- 9.6.15.4. Recent Developments
- 9.6.16. Claroty
 - 9.6.16.1. Participant's Overview
 - 9.6.16.2. Financial Performance
 - 9.6.16.3. Product Benchmarking
 - 9.6.16.4. Recent Developments

List Of Tables

LIST OF TABLES

Table 1 Global cyber-physical systems market size estimates & forecasts 2018 - 2030 (USD Billion)

Table 2 Global cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 3 Global cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 4 Global cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 5 Global cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 6 Global cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 7 Hardware market, by region, 2018 - 2030 (USD Billion)

Table 8 Software market, by region, 2018 - 2030 (USD Billion)

Table 9 Services market, by region, 2018 - 2030 (USD Billion)

Table 10 Open-loop market, by region, 2018 - 2030 (USD Billion)

Table 11 Closed-loop market, by region, 2018 - 2030 (USD Billion)

Table 12 Embedded security cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 13 Industrial control systems (ICS) security cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 14 Robotic security cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 15 Internet of Things (IoT) security cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 16 Others cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 17 Aerospace and defence cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 18 Automotive cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 19 Energy and utility cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 20 Healthcare cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 21 Manufacturing cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 22 Consumer electronics cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 23 Others cyber-physical systems market, by region, 2018 - 2030 (USD Billion)

Table 24 North America cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 25 North America cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 26 North America cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 27 North America cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 28 U.S. cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 29 U.S. cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 30 U.S. cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 31 U.S. cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 32 Canada cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 33 Canada cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 34 Canada cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 35 Canada cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 36 Mexico cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 37 Mexico cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 38 Mexico cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 39 Mexico cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 40 Europe cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 41 Europe cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 42 Europe cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 43 Europe cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 44 UK cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 45 UK cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 46 UK cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 47 UK cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 48 Germany cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 49 Germany cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 50 Germany cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 51 Germany cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 52 France cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Billion)

Table 53 France cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 54 France cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 55 France cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 56 Asia Pacific cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 57 Asia Pacific cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 58 Asia Pacific cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 59 Asia Pacific cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 60 China cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 61 China cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 62 China cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 63 China cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 64 India cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 65 India cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 66 India cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 67 India cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 68 Japan cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 69 Japan cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 70 Japan cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 71 Japan cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 72 Australia cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 73 Australia cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 74 Australia cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 75 Australia cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 76 South Korea cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 77 South Korea cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 78 South Korea cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 79 South Korea cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 80 Latin America cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 81 Latin America cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 82 Latin America cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 83 Latin America cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 84 Brazil cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 85 Brazil cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 86 Brazil cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 87 Brazil cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 88 MEA cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 89 MEA cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 90 MEA cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 91 MEA cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 92 UAE cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 93 UAE cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 94 UAE cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 95 UAE cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 96 Saudi Arabia cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 97 Saudi Arabia cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 98 Saudi Arabia cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 99 Saudi Arabia cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Table 100 South Africa cyber-physical systems market, by component, 2018 - 2030 (USD Billion)

Table 101 South Africa cyber-physical systems market, by type, 2018 - 2030 (USD Billion)

Table 102 South Africa cyber-physical systems market, by security, 2018 - 2030 (USD Billion)

Table 103 South Africa cyber-physical systems market, by end use, 2018 - 2030 (USD Billion)

Billion)

List Of Figures

LIST OF FIGURES

- Fig. 1 Cyber-physical systems market segmentation
- Fig. 2 Information procurement
- Fig. 3 Data analysis models
- Fig. 4 Market formulation and validation
- Fig. 5 Data validating & publishing
- Fig. 6 Market snapshot
- Fig. 7 Segment snapshot, by component
- Fig. 8 Segment snapshot, by type
- Fig. 9 Segment snapshot, by security
- Fig. 10 Segment snapshot by end use
- Fig. 11 Competitive landscape snapshot
- Fig. 12 Cyber-physical systems market value, 2018 - 2030 (USD Billion)
- Fig. 13 Cyber-physical systems market - Industry value chain analysis
- Fig. 14 Cyber-physical systems market - Market trends
- Fig. 15 Cyber-physical systems market: Porter's analysis
- Fig. 16 Cyber-physical systems market: PESTEL analysis
- Fig. 17 Cyber-physical systems market, by component: Key takeaways
- Fig. 18 Cyber-physical systems market, by component: Market share, 2024 & 2030
- Fig. 19 Hardware market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 20 Software market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 21 Services market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 22 Cyber-physical systems market, by type: Key takeaways
- Fig. 23 Cyber-physical systems market, by type: Market share, 2024 & 2030
- Fig. 24 Open-loop market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 25 Closed-loop market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 26 Cyber-physical systems market, by security: Key takeaways
- Fig. 27 Cyber-physical systems market, by security: Market share, 2024 & 2030
- Fig. 28 Embedded security cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 29 Industrial control systems (ICS) security cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 30 Robotic security cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)
- Fig. 31 Internet of things (IoT) security cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 32 Others cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 33 Cyber-physical systems market, by end use: Key takeaways

Fig. 34 Cyber-physical systems market, by end use: Market share, 2024 & 2030

Fig. 35 Aerospace and defence cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 36 Automotive cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 37 Energy and utility cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 38 Healthcare cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 39 Manufacturing cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 40 Consumer electronics cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 41 Others cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 42 Global cyber-physical systems market revenue, by region, 2024 & 2030 (USD Billion)

Fig. 43 North America cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 44 U.S. cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 45 Canada cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 46 Mexico cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 47 Europe cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 48 UK cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 49 Germany cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 50 France cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 51 Asia Pacific cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 52 China cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Billion)

Fig. 53 India cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 54 Japan cyber-physical systems Market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 55 Australia cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 56 South Korea cyber-physical systems Market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 57 Latin America cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 58 Brazil cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 59 Middle East & Africa cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 60 UAE cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 61 Saudi Arabia cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 62 South Africa cyber-physical systems market estimates & forecasts, 2018 - 2030 (USD Billion)

Fig. 63 Key company categorization

Fig. 64 Cyber-physical systems market - Key company market share analysis, 2024

Fig. 65 Strategic framework

I would like to order

Product name: Cyber-physical Systems Market Size, Share, & Trends Analysis Report By Component (Hardware, Software, Services), By Type (Open-loop, Closed-loop), By Security (Embedded Security, Robotic Security), By End Use, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/CEC1F24A597BEN.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/CEC1F24A597BEN.html>