

Global Cyber Physical System Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Cyber Physical System is a mechanism controlled or monitored by computer-based algorithms, tightly integrated with internet and its users. In cyber physical systems, physical and software components are deeply intertwined, each operating on different spatial and temporal scales, exhibiting multiple and distinct behavioral modalities, and interacting with each other in a myriad of ways that change with context. Examples of CPS include smart grid, autonomous automobile systems, medical monitoring, process control systems, robotics systems, and automatic pilot avionics.

Scope of the Report:

This report studies the Cyber Physical System market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Cyber Physical System market by product type and applications/end industries.

Cyber Physical System industry has much fragmented, manufacturers are mostly in the North America and Europe. Among them, Europe Production value accounted for less than 29.75% of the total value of global Cyber Physical System. Siemens is the world leading manufacturer in global Cyber Physical System market with the market share of 11.83% in 2015.

We must embrace the technological evolution that the Internet of Things, and CPSs in particular, bring to our everyday lives. These technologies will increase the quality of services and ultimately benefit the environment as they are implemented in smart cities throughout the world.

CPSs, as a driver of innovation, involve many different disciplines. Industries as a whole

have the opportunity to turn CPSs into an industrially applicable field. Moreover, CPSs require a highly skilled workforce, promoting collaborations and iterations between industries and universities. Finally, CPSs have a huge potential to change and improve every aspect of peoples' lives, addressing critical challenges for our society and exceeding today's distributed systems in security, performance, efficiency, reliability, usability, and many others.

The global Cyber Physical System market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Cyber Physical System.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Siemens

Intel

ITIH

EIT Digital

Tcs

MathWorks

Galois

SEI

Astri

NIST

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

EP-CPS

IT-CPS

Others

Market Segment by Applications, can be divided into

Industrial Automatic

Health/Medical Equipment

Aerospace

Others

Contents

1 CYBER PHYSICAL SYSTEM MARKET OVERVIEW

1.1 Product Overview and Scope of Cyber Physical System

1.2 Classification of Cyber Physical System by Types

1.2.1 Global Cyber Physical System Revenue Comparison by Types (2017-2023)

1.2.2 Global Cyber Physical System Revenue Market Share by Types in 2017

1.2.3 EP-CPS

1.2.4 IT-CPS

1.2.5 Others

1.3 Global Cyber Physical System Market by Application

1.3.1 Global Cyber Physical System Market Size and Market Share Comparison by Applications (2013-2023)

1.3.2 Industrial Automatic

1.3.3 Health/Medical Equipment

1.3.4 Aerospace

1.3.5 Others

1.4 Global Cyber Physical System Market by Regions

1.4.1 Global Cyber Physical System Market Size (Million USD) Comparison by Regions (2013-2023)

1.4.1 North America (USA, Canada and Mexico) Cyber Physical System Status and Prospect (2013-2023)

1.4.2 Europe (Germany, France, UK, Russia and Italy) Cyber Physical System Status and Prospect (2013-2023)

1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Cyber Physical System Status and Prospect (2013-2023)

1.4.4 South America (Brazil, Argentina, Colombia) Cyber Physical System Status and Prospect (2013-2023)

1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Cyber Physical System Status and Prospect (2013-2023)

1.5 Global Market Size of Cyber Physical System (2013-2023)

2 MANUFACTURERS PROFILES

2.1 Siemens

2.1.1 Business Overview

2.1.2 Cyber Physical System Type and Applications

2.1.2.1 Product A

2.1.2.2 Product B

2.1.3 Siemens Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.2 Intel

2.2.1 Business Overview

2.2.2 Cyber Physical System Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Intel Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.3 ITIH

2.3.1 Business Overview

2.3.2 Cyber Physical System Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 ITIH Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.4 EIT Digital

2.4.1 Business Overview

2.4.2 Cyber Physical System Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 EIT Digital Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.5 Tcs

2.5.1 Business Overview

2.5.2 Cyber Physical System Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Tcs Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.6 MathWorks

2.6.1 Business Overview

2.6.2 Cyber Physical System Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

2.6.3 MathWorks Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

2.7 Galois

- 2.7.1 Business Overview
- 2.7.2 Cyber Physical System Type and Applications
 - 2.7.2.1 Product A
 - 2.7.2.2 Product B
- 2.7.3 Galois Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)
- 2.8 SEI
 - 2.8.1 Business Overview
 - 2.8.2 Cyber Physical System Type and Applications
 - 2.8.2.1 Product A
 - 2.8.2.2 Product B
 - 2.8.3 SEI Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)
- 2.9 Astri
 - 2.9.1 Business Overview
 - 2.9.2 Cyber Physical System Type and Applications
 - 2.9.2.1 Product A
 - 2.9.2.2 Product B
 - 2.9.3 Astri Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)
- 2.10 NIST
 - 2.10.1 Business Overview
 - 2.10.2 Cyber Physical System Type and Applications
 - 2.10.2.1 Product A
 - 2.10.2.2 Product B
 - 2.10.3 NIST Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL CYBER PHYSICAL SYSTEM MARKET COMPETITION, BY PLAYERS

- 3.1 Global Cyber Physical System Revenue and Share by Players (2013-2018)
- 3.2 Market Concentration Rate
 - 3.2.1 Top 5 Cyber Physical System Players Market Share
 - 3.2.2 Top 10 Cyber Physical System Players Market Share
- 3.3 Market Competition Trend

4 GLOBAL CYBER PHYSICAL SYSTEM MARKET SIZE BY REGIONS

- 4.1 Global Cyber Physical System Revenue and Market Share by Regions

- 4.2 North America Cyber Physical System Revenue and Growth Rate (2013-2018)
- 4.3 Europe Cyber Physical System Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Cyber Physical System Revenue and Growth Rate (2013-2018)
- 4.5 South America Cyber Physical System Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Cyber Physical System Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA CYBER PHYSICAL SYSTEM REVENUE BY COUNTRIES

- 5.1 North America Cyber Physical System Revenue by Countries (2013-2018)
- 5.2 USA Cyber Physical System Revenue and Growth Rate (2013-2018)
- 5.3 Canada Cyber Physical System Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Cyber Physical System Revenue and Growth Rate (2013-2018)

6 EUROPE CYBER PHYSICAL SYSTEM REVENUE BY COUNTRIES

- 6.1 Europe Cyber Physical System Revenue by Countries (2013-2018)
- 6.2 Germany Cyber Physical System Revenue and Growth Rate (2013-2018)
- 6.3 UK Cyber Physical System Revenue and Growth Rate (2013-2018)
- 6.4 France Cyber Physical System Revenue and Growth Rate (2013-2018)
- 6.5 Russia Cyber Physical System Revenue and Growth Rate (2013-2018)
- 6.6 Italy Cyber Physical System Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC CYBER PHYSICAL SYSTEM REVENUE BY COUNTRIES

- 7.1 Asia-Pacific Cyber Physical System Revenue by Countries (2013-2018)
- 7.2 China Cyber Physical System Revenue and Growth Rate (2013-2018)
- 7.3 Japan Cyber Physical System Revenue and Growth Rate (2013-2018)
- 7.4 Korea Cyber Physical System Revenue and Growth Rate (2013-2018)
- 7.5 India Cyber Physical System Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia Cyber Physical System Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA CYBER PHYSICAL SYSTEM REVENUE BY COUNTRIES

- 8.1 South America Cyber Physical System Revenue by Countries (2013-2018)
- 8.2 Brazil Cyber Physical System Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Cyber Physical System Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Cyber Physical System Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE CYBER PHYSICAL SYSTEM BY COUNTRIES

- 9.1 Middle East and Africa Cyber Physical System Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Cyber Physical System Revenue and Growth Rate (2013-2018)
- 9.3 UAE Cyber Physical System Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Cyber Physical System Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Cyber Physical System Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Cyber Physical System Revenue and Growth Rate (2013-2018)

10 GLOBAL CYBER PHYSICAL SYSTEM MARKET SEGMENT BY TYPE

- 10.1 Global Cyber Physical System Revenue and Market Share by Type (2013-2018)
- 10.2 Global Cyber Physical System Market Forecast by Type (2018-2023)
- 10.3 EP-CPS Revenue Growth Rate (2013-2023)
- 10.4 IT-CPS Revenue Growth Rate (2013-2023)
- 10.5 Others Revenue Growth Rate (2013-2023)

11 GLOBAL CYBER PHYSICAL SYSTEM MARKET SEGMENT BY APPLICATION

- 11.1 Global Cyber Physical System Revenue Market Share by Application (2013-2018)
- 11.2 Cyber Physical System Market Forecast by Application (2018-2023)
- 11.3 Industrial Automatic Revenue Growth (2013-2018)
- 11.4 Health/Medical Equipment Revenue Growth (2013-2018)
- 11.5 Aerospace Revenue Growth (2013-2018)
- 11.6 Others Revenue Growth (2013-2018)

12 GLOBAL CYBER PHYSICAL SYSTEM MARKET SIZE FORECAST (2018-2023)

- 12.1 Global Cyber Physical System Market Size Forecast (2018-2023)
- 12.2 Global Cyber Physical System Market Forecast by Regions (2018-2023)
- 12.3 North America Cyber Physical System Revenue Market Forecast (2018-2023)
- 12.4 Europe Cyber Physical System Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific Cyber Physical System Revenue Market Forecast (2018-2023)
- 12.6 South America Cyber Physical System Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa Cyber Physical System Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Cyber Physical System Picture

Table Product Specifications of Cyber Physical System

Table Global Cyber Physical System and Revenue (Million USD) Market Split by Product Type

Figure Global Cyber Physical System Revenue Market Share by Types in 2017

Figure EP-CPS Picture

Figure IT-CPS Picture

Figure Others Picture

Table Global Cyber Physical System Revenue (Million USD) by Application (2013-2023)

Figure Cyber Physical System Revenue Market Share by Applications in 2017

Figure Industrial Automatic Picture

Figure Health/Medical Equipment Picture

Figure Aerospace Picture

Figure Others Picture

Table Global Market Cyber Physical System Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Cyber Physical System Revenue (Million USD) and Growth Rate (2013-2023)

Table Siemens Basic Information, Manufacturing Base and Competitors

Table Siemens Cyber Physical System Type and Applications

Table Siemens Cyber Physical System Revenue, Gross Margin and Market Share (2016-2017)

Table Intel Basic Information, Manufacturing Base and Competitors

Table Intel Cyber Physical System Type and Applications

Table Intel Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table ITIH Basic Information, Manufacturing Base and Competitors

Table ITIH Cyber Physical System Type and Applications

Table ITIH Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table EIT Digital Basic Information, Manufacturing Base and Competitors

Table EIT Digital Cyber Physical System Type and Applications

Table EIT Digital Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table Tcs Basic Information, Manufacturing Base and Competitors

Table Tcs Cyber Physical System Type and Applications

Table Tcs Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table MathWorks Basic Information, Manufacturing Base and Competitors

Table MathWorks Cyber Physical System Type and Applications

Table MathWorks Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table Galois Basic Information, Manufacturing Base and Competitors

Table Galois Cyber Physical System Type and Applications

Table Galois Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table SEI Basic Information, Manufacturing Base and Competitors

Table SEI Cyber Physical System Type and Applications

Table SEI Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table Astri Basic Information, Manufacturing Base and Competitors

Table Astri Cyber Physical System Type and Applications

Table Astri Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table NIST Basic Information, Manufacturing Base and Competitors

Table NIST Cyber Physical System Type and Applications

Table NIST Cyber Physical System Revenue, Gross Margin and Market Share

(2016-2017)

Table Global Cyber Physical System Revenue (Million USD) by Players (2013-2018)

Table Global Cyber Physical System Revenue Share by Players (2013-2018)

Figure Global Cyber Physical System Revenue Share by Players in 2016

Figure Global Cyber Physical System Revenue Share by Players in 2017

Figure Global Top 5 Players Cyber Physical System Revenue Market Share in 2017

Figure Global Top 10 Players Cyber Physical System Revenue Market Share in 2017

Figure Global Cyber Physical System Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Cyber Physical System Revenue (Million USD) by Regions (2013-2018)

Table Global Cyber Physical System Revenue Market Share by Regions (2013-2018)

Figure Global Cyber Physical System Revenue Market Share by Regions (2013-2018)

Figure Global Cyber Physical System Revenue Market Share by Regions in 2017

Figure North America Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Europe Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure South America Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Cyber Physical System Revenue and Growth Rate (2013-2018)

Table North America Cyber Physical System Revenue by Countries (2013-2018)

Table North America Cyber Physical System Revenue Market Share by Countries (2013-2018)

Figure North America Cyber Physical System Revenue Market Share by Countries (2013-2018)

Figure North America Cyber Physical System Revenue Market Share by Countries in 2017

Figure USA Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Canada Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Mexico Cyber Physical System Revenue and Growth Rate (2013-2018)

Table Europe Cyber Physical System Revenue (Million USD) by Countries (2013-2018)

Figure Europe Cyber Physical System Revenue Market Share by Countries (2013-2018)

Figure Europe Cyber Physical System Revenue Market Share by Countries in 2017

Figure Germany Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure UK Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure France Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Russia Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Italy Cyber Physical System Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Cyber Physical System Revenue (Million USD) by Countries (2013-2018)

Figure Asia-Pacific Cyber Physical System Revenue Market Share by Countries (2013-2018)

Figure Asia-Pacific Cyber Physical System Revenue Market Share by Countries in 2017

Figure China Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Japan Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure Korea Cyber Physical System Revenue and Growth Rate (2013-2018)

Figure India Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure Southeast Asia Cyber Physical System Revenue and Growth Rate (2013-2018)
Table South America Cyber Physical System Revenue by Countries (2013-2018)
Table South America Cyber Physical System Revenue Market Share by Countries (2013-2018)
Figure South America Cyber Physical System Revenue Market Share by Countries (2013-2018)
Figure South America Cyber Physical System Revenue Market Share by Countries in 2017
Figure Brazil Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure Argentina Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure Colombia Cyber Physical System Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Cyber Physical System Revenue (Million USD) by Countries (2013-2018)
Table Middle East and Africa Cyber Physical System Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Cyber Physical System Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Cyber Physical System Revenue Market Share by Countries in 2017
Figure Saudi Arabia Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure UAE Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure Egypt Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure Nigeria Cyber Physical System Revenue and Growth Rate (2013-2018)
Figure South Africa Cyber Physical System Revenue and Growth Rate (2013-2018)
Table Global Cyber Physical System Revenue (Million USD) by Type (2013-2018)
Table Global Cyber Physical System Revenue Share by Type (2013-2018)
Figure Global Cyber Physical System Revenue Share by Type (2013-2018)
Figure Global Cyber Physical System Revenue Share by Type in 2017
Table Global Cyber Physical System Revenue Forecast by Type (2018-2023)
Figure Global Cyber Physical System Market Share Forecast by Type (2018-2023)
Figure Global EP-CPS Revenue Growth Rate (2013-2018)
Figure Global IT-CPS Revenue Growth Rate (2013-2018)
Figure Global Others Revenue Growth Rate (2013-2018)
Table Global Cyber Physical System Revenue by Application (2013-2018)
Table Global Cyber Physical System Revenue Share by Application (2013-2018)
Figure Global Cyber Physical System Revenue Share by Application (2013-2018)
Figure Global Cyber Physical System Revenue Share by Application in 2017
Table Global Cyber Physical System Revenue Forecast by Application (2018-2023)

Figure Global Cyber Physical System Market Share Forecast by Application (2018-2023)

Figure Global Industrial Automatic Revenue Growth Rate (2013-2018)

Figure Global Health/Medical Equipment Revenue Growth Rate (2013-2018)

Figure Global Aerospace Revenue Growth Rate (2013-2018)

Figure Global Others Revenue Growth Rate (2013-2018)

Figure Global Cyber Physical System Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Cyber Physical System Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Cyber Physical System Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Cyber Physical System Revenue Market Forecast (2018-2023)

Figure Europe Cyber Physical System Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Cyber Physical System Revenue Market Forecast (2018-2023)

Figure South America Cyber Physical System Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Cyber Physical System Revenue Market Forecast (2018-2023)

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