

Global Industrial IoT Market 2020-2030 by Offering (Hardware, Software, Services, Connectivity), Technology, Application, Industry Vertical, and Region: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/G003AFAB79B6EN.html>

Date: April 2021

Pages: 188

Price: US\$ 2,805.00 (Single User License)

ID: G003AFAB79B6EN

Abstracts

Global industrial IoT market will reach \$205.7 billion by 2030, growing by 10.8% annually over 2020-2030 driven by extensive government support in encouraging digitalization across the industrial sector, rise in adoption of industrial IoT devices, and growing incorporation of advanced technologies such as cloud computing platforms and AI.

Highlighted with 63 tables and 94 figures, this 188-page report “Global Industrial IoT Market 2020-2030 by Offering (Hardware, Software, Services, Connectivity), Technology, Application, Industry Vertical, and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global industrial IoT market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate for 2020 and forecast from 2021 till 2030 with 2019 as the base year.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global industrial IoT market in every aspect of the classification from perspectives of Offering, Technology, Application, Industry Vertical, and Region.

Based on Offering, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Hardware

Software & Solutions

Services

Professional Services

Managed Services

Connectivity

Wired Technology

Wireless Technology

Field Technologies

Based on Technology, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Sensors

Camera

Distributed Control Systems

Industrial Robotics

Condition Monitoring

RFID

Yield Monitor

GPS/GNSS

Other Technologies

Based on Application, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Data Management Solutions for Analytics

Smart Robotics

Distribution Management System

Manufacturing Execution System (MES)

Asset and Resource Optimization

Product Lifecycle Management

Remote Monitoring

Retail Management System

Predictive Maintenance

Other Applications

Based on Industry Vertical, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Manufacturing Industry

Automotive & Transportation

Energy and Utilities

Healthcare

Oil & Gas

Agriculture

Metal and Mining

Retail Industry

Other Industry Verticals

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

North America (U.S., Canada, and Mexico)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown of all regional markets by country and split of key national markets by Offering and Industry Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global industrial IoT market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

ABB Ltd.
A.P Moller-Maersk A/S
Accenture plc
AT&T INC.
CATERPILLAR INC.
Cisco Systems Inc.
FANUC CORPORATION
GE Digital
HCL Technologies Limited
Hitachi Vantara Corporation
IBM
Intel Corporation
KUKA AG
MAVERICK Technologies, LLC.
ORANGE
PTC Inc.
Robert Bosch GmbH
Rockwell Automation, Inc.

Siemens AG
Tata Communications
Telia Company
Verizon Communications Inc.
Vodafone Group Plc

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 Introduction

1.1 Industry Definition and Research Scope

1.1.1 Industry Definition

1.1.2 Research Scope

1.2 Research Methodology

1.2.1 Overview of Market Research Methodology

1.2.2 Market Assumption

1.2.3 Secondary Data

1.2.4 Primary Data

1.2.5 Data Filtration and Model Design

1.2.6 Market Size/Share Estimation

1.2.7 Research Limitations

1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

2.1 Market Size and Forecast

2.1.1 Impact of COVID-19 on the Market

2.2 Major Growth Drivers

2.3 Market Restraints and Challenges

2.4 Emerging Opportunities and Market Trends

2.5 Porter's Five Forces Analysis

3 SEGMENTATION OF GLOBAL MARKET BY OFFERING

3.1 Market Overview by Offering

3.2 Hardware

3.3 Software & Solutions

3.4 Services

3.5 Connectivity

4 SEGMENTATION OF GLOBAL MARKET BY TECHNOLOGY

4.1 Market Overview by Technology

4.2 Sensors

4.3 Camera

4.4 Distributed Control Systems

- 4.5 Industrial Robotics
- 4.6 Condition Monitoring
- 4.7 RFID
- 4.8 Yield Monitor
- 4.9 GPS/GNSS
- 4.10 Other Technologies

5 SEGMENTATION OF GLOBAL MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Data Management Solutions for Analytics
- 5.3 Smart Robotics
- 5.4 Distribution Management System
- 5.5 Manufacturing Execution System (MES)
- 5.6 Asset and Resource Optimization
- 5.7 Product Lifecycle Management
- 5.8 Remote Monitoring
- 5.9 Retail Management System
- 5.10 Predictive Maintenance
- 5.11 Other Applications

6 SEGMENTATION OF GLOBAL MARKET BY INDUSTRY VERTICAL

- 6.1 Market Overview by Industry Vertical
- 6.2 Manufacturing Industry
- 6.3 Automotive & Transportation
- 6.4 Energy and Utilities
- 6.5 Healthcare
- 6.6 Oil & Gas
- 6.7 Agriculture
- 6.8 Metal and Mining
- 6.9 Retail Industry
- 6.10 Other Industry Verticals

7 SEGMENTATION OF GLOBAL MARKET BY REGION

- 7.1 Geographic Market Overview 2019-2030
- 7.2 North America Market 2019-2030 by Country
 - 7.2.1 Overview of North America Market

7.2.2 U.S.

7.2.3 Canada

7.2.4 Mexico

7.3 European Market 2019-2030 by Country

7.3.1 Overview of European Market

7.3.2 Germany

7.3.3 U.K.

7.3.4 France

7.3.5 Spain

7.3.6 Italy

7.3.7 Russia

7.3.8 Rest of European Market

7.4 Asia-Pacific Market 2019-2030 by Country

7.4.1 Overview of Asia-Pacific Market

7.4.2 Japan

7.4.3 China

7.4.4 Australia

7.4.5 India

7.4.6 South Korea

7.4.7 Rest of APAC Region

7.5 South America Market 2019-2030 by Country

7.5.1 Argentina

7.5.2 Brazil

7.5.3 Chile

7.5.4 Rest of South America Market

7.6 MEA Market 2019-2030 by Country

7.6.1 UAE

7.6.2 Saudi Arabia

7.6.3 South Africa

7.6.4 Other National Markets

8 COMPETITIVE LANDSCAPE

8.1 Overview of Key Vendors

8.2 New Product Launch, Partnership, Investment, and M&A

8.3 Company Profiles

ABB Ltd.

A.P Moller-Maersk A/S

Accenture plc

AT&T INC.
CATERPILLAR INC.
Cisco Systems Inc.
FANUC CORPORATION
GE Digital
HCL Technologies Limited
Hitachi Vantara Corporation
IBM
Intel Corporation
KUKA AG
MAVERICK Technologies, LLC.
ORANGE
PTC Inc.
Robert Bosch GmbH
Rockwell Automation, Inc.
Siemens AG
Tata Communications
Telia Company
Verizon Communications Inc.
Vodafone Group Plc

9 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT

9.1 Risk Evaluation of Global Market
9.2 Critical Success Factors (CSFs)
Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Global Industrial IoT Market in Balanced Perspective, 2019-2030
Table 2. Main Product Trends and Market Opportunities in Global Industrial IoT Market
Table 3. Global Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 4. Global Industrial IoT Market: Services by Type, 2019-2030, \$ mn
Table 5. Global Industrial IoT Market: Connectivity by Type, 2019-2030, \$ mn
Table 6. Global Industrial IoT Market by Technology, 2019-2030, \$ mn
Table 7. Global Industrial IoT Market by Application, 2019-2030, \$ mn
Table 8. Global Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 9. Global Industrial IoT Market by Region, 2019-2030, \$ mn
Table 10. Leading National Industrial IoT Market, 2019 and 2030F, \$ mn
Table 11. North America Industrial IoT Market by Country, 2019-2030, \$ mn
Table 12. U.S. Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 13. U.S. Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 14. Canada Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 15. Canada Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 16. Mexico Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 17. Mexico Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 18. Europe Industrial IoT Market by Country, 2019-2030, \$ mn
Table 19. Germany Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 20. Germany Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 21. U.K. Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 22. U.K. Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 23. France Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 24. France Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 25. Spain Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 26. Spain Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 27. Italy Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 28. Italy Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 29. Russia Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 30. Russia Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 31. Industrial IoT Market in Rest of Europe by Country, 2019-2030, \$ mn
Table 32. APAC Industrial IoT Market by Country, 2019-2030, \$ mn
Table 33. Japan Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 34. Japan Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 35. China Industrial IoT Market by Offering, 2019-2030, \$ mn

Table 36. China Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 37. Australia Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 38. Australia Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 39. India Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 40. India Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 41. South Korea Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 42. South Korea Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 43. Industrial IoT Market in Rest of APAC by Country/Region, 2019-2030, \$ mn
Table 44. South America Industrial IoT Market by Country, 2019-2030, \$ mn
Table 45. Argentina Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 46. Argentina Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 47. Brazil Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 48. Brazil Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 49. Chile Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 50. Chile Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 51. MEA Industrial IoT Market by Country, 2019-2030, \$ mn
Table 52. UAE Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 53. UAE Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 54. Saudi Arabia Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 55. Saudi Arabia Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 56. South Africa Industrial IoT Market by Offering, 2019-2030, \$ mn
Table 57. South Africa Industrial IoT Market by Industry Vertical, 2019-2030, \$ mn
Table 58. ABB Ltd.: Company Snapshot
Table 59. ABB Ltd.: Business Segmentation
Table 60. ABB Ltd.: Product Portfolio
Table 61. ABB Ltd.: Revenue, 2017-2019, \$ mn
Table 62. Risk Evaluation for Investing in Global Market, 2019-2030
Table 63. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Global Industrial IoT Market, 2019-2030, \$ mn

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Global Industrial IoT Market

Figure 8. World 5G Technology Market, 2019-2030, \$ bn

Figure 9. World 5G Enabled IIoT Market, 2019-2030, \$ bn

Figure 10. Primary Restraints and Impact Factors of Global Industrial IoT Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Five Forces Analysis of Global Industrial IoT Market

Figure 13. Breakdown of Global Industrial IoT Market by Offering, 2019-2030, % of Revenue

Figure 14. Global Addressable Market Cap in 2021-2030 by Offering, Value (\$ mn) and Share (%)

Figure 15. Global Industrial IoT Market: Hardware, 2019-2030, \$ mn

Figure 16. Global Industrial IoT Market: Software & Solutions, 2019-2030, \$ mn

Figure 17. Global Industrial IoT Market: Services, 2019-2030, \$ mn

Figure 18. Global Industrial IoT Market: Connectivity, 2019-2030, \$ mn

Figure 19. Breakdown of Global Industrial IoT Market by Technology, 2019-2030, % of Sales Revenue

Figure 20. Global Addressable Market Cap in 2021-2030 by Technology, Value (\$ mn) and Share (%)

Figure 21. Global Industrial IoT Market: Sensors, 2019-2030, \$ mn

Figure 22. Global Industrial IoT Market: Camera, 2019-2030, \$ mn

Figure 23. Global Industrial IoT Market: Distributed Control Systems, 2019-2030, \$ mn

Figure 24. Global Industrial IoT Market: Industrial Robotics, 2019-2030, \$ mn

Figure 25. Global Industrial IoT Market: Condition Monitoring, 2019-2030, \$ mn

Figure 26. Global Industrial IoT Market: RFID, 2019-2030, \$ mn

Figure 27. Global Industrial IoT Market: Yield Monitor, 2019-2030, \$ mn

Figure 28. Global Industrial IoT Market: GPS/GNSS, 2019-2030, \$ mn

Figure 29. Global Industrial IoT Market: Other Technologies, 2019-2030, \$ mn

Figure 30. Breakdown of Global Industrial IoT Market by Application, 2019-2030, % of

Sales Revenue

Figure 31. Global Addressable Market Cap in 2021-2030 by Application, Value (\$ mn) and Share (%)

Figure 32. Global Industrial IoT Market: Data Management Solutions for Analytics, 2019-2030, \$ mn

Figure 33. Global Industrial IoT Market: Smart Robotics, 2019-2030, \$ mn

Figure 34. Global Industrial IoT Market: Distribution Management System, 2019-2030, \$ mn

Figure 35. Global Industrial IoT Market: Manufacturing Execution System (MES), 2019-2030, \$ mn

Figure 36. Global Industrial IoT Market: Asset and Resource Optimization, 2019-2030, \$ mn

Figure 37. Global Industrial IoT Market: Product Lifecycle Management, 2019-2030, \$ mn

Figure 38. Global Industrial IoT Market: Remote Monitoring, 2019-2030, \$ mn

Figure 39. Global Industrial IoT Market: Retail Management System, 2019-2030, \$ mn

Figure 40. Global Industrial IoT Market: Predictive Maintenance, 2019-2030, \$ mn

Figure 41. Global Industrial IoT Market: Other Applications, 2019-2030, \$ mn

Figure 42. Breakdown of Global Industrial IoT Market by Industry Vertical, 2019-2030, % of Revenue

Figure 43. Global Addressable Market Cap in 2021-2030 by Industry Vertical, Value (\$ mn) and Share (%)

Figure 44. Global Industrial IoT Market: Manufacturing Industry, 2019-2030, \$ mn

Figure 45. Global Industrial IoT Market: Automotive & Transportation, 2019-2030, \$ mn

Figure 46. Global Industrial IoT Market: Energy and Utilities, 2019-2030, \$ mn

Figure 47. Global Industrial IoT Market: Healthcare, 2019-2030, \$ mn

Figure 48. Global Industrial IoT Market: Oil & Gas, 2019-2030, \$ mn

Figure 49. Global Industrial IoT Market: Agriculture, 2019-2030, \$ mn

Figure 50. Global Industrial IoT Market: Metal and Mining, 2019-2030, \$ mn

Figure 51. Global Industrial IoT Market: Retail Industry, 2019-2030, \$ mn

Figure 52. Global Industrial IoT Market: Other Industry Verticals, 2019-2030, \$ mn

Figure 53. Global Market Snapshot by Region

Figure 54. Geographic Spread of Worldwide Industrial IoT Market, 2019-2030, % of Sales Revenue

Figure 55. Global Addressable Market Cap in 2021-2030 by Region, Value (\$ mn) and Share (%)

Figure 56. North American Industrial IoT Market, 2019-2030, \$ mn

Figure 57. Breakdown of North America Industrial IoT Market by Country, 2019 and 2030F, % of Revenue

Figure 58. Contribution to North America 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 59. U.S. Industrial IoT Market, 2019-2030, \$ mn

Figure 60. Canada Industrial IoT Market, 2019-2030, \$ mn

Figure 61. Industrial IoT Market in Mexico, 2015-2030F, \$ mn

Figure 62. European Industrial IoT Market, 2019-2030, \$ mn

Figure 63. Breakdown of European Industrial IoT Market by Country, 2019 and 2030F, % of Revenue

Figure 64. Contribution to Europe 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 65. Industrial IoT Market in Germany, 2019-2030, \$ mn

Figure 66. Industrial IoT Market in U.K., 2019-2030, \$ mn

Figure 67. Industrial IoT Market in France, 2019-2030, \$ mn

Figure 68. Industrial IoT Market in Spain, 2019-2030, \$ mn

Figure 69. Industrial IoT Market in Italy, 2019-2030, \$ mn

Figure 70. Industrial IoT Market in Russia, 2019-2030, \$ mn

Figure 71. Industrial IoT Market in Rest of Europe, 2019-2030, \$ mn

Figure 72. Asia-Pacific Industrial IoT Market, 2019-2030, \$ mn

Figure 73. Breakdown of APAC Industrial IoT Market by Country, 2019 and 2030F, % of Revenue

Figure 74. Contribution to APAC 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 75. Industrial IoT Market in Japan, 2019-2030, \$ mn

Figure 76. Industrial IoT Market in China, 2019-2030, \$ mn

Figure 77. Industrial IoT Market in Australia, 2019-2030, \$ mn

Figure 78. Industrial IoT Market in India, 2019-2030, \$ mn

Figure 79. Industrial IoT Market in South Korea, 2019-2030, \$ mn

Figure 80. Industrial IoT Market in Rest of APAC, 2019-2030, \$ mn

Figure 81. South America Industrial IoT Market, 2019-2030, \$ mn

Figure 82. Breakdown of South America Industrial IoT Market by Country, 2019 and 2030F, % of Revenue

Figure 83. Contribution to South America 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 84. Industrial IoT Market in Argentina, 2019-2030, \$ mn

Figure 85. Industrial IoT Market in Brazil, 2019-2030, \$ mn

Figure 86. Industrial IoT Market in Chile, 2019-2030, \$ mn

Figure 87. Industrial IoT Market in Rest of South America, 2019-2030, \$ mn

Figure 88. Industrial IoT Market in Middle East and Africa (MEA), 2019-2030, \$ mn

Figure 89. Breakdown of MEA Industrial IoT Market by Country, 2019 and 2030F, % of

Revenue

Figure 90. Contribution to MEA 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 91. Industrial IoT Market in UAE, 2019-2030, \$ mn

Figure 92. Industrial IoT Market in Saudi Arabia, 2019-2030, \$ mn

Figure 93. Industrial IoT Market in South Africa, 2019-2030, \$ mn

Figure 94. Growth Stage of Global Industrial IoT Industry over the Forecast Period

I would like to order

Product name: Global Industrial IoT Market 2020-2030 by Offering (Hardware, Software, Services, Connectivity), Technology, Application, Industry Vertical, and Region: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/G003AFAB79B6EN.html>

Price: US\$ 2,805.00 (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/G003AFAB79B6EN.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