

Global IoT Connected Machines Market Size study & Forecast, by Component (IoT Gateways, I/O Modules, IoT Sensors, Others (PLCs)), by Industry (Automotive, Logistics & Transportation, Manufacturing, Healthcare, Others) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G4A751C825F3EN.html>

Date: May 2023

Pages: 200

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

ID: G4A751C825F3EN

Abstracts

Global IoT Connected Machines Market is valued at approximately USD 8.19 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.9% over the forecast period 2022-2029. IoT-connected machines are non-consumer electronics used by businesses, governments, utilities, manufacturing facilities, and defense institutions to enhance daily operations. The primary purpose of these machines is to increase productivity, efficiency, and safety throughout the entire operation by minimizing hazardous and non-hazardous waste. Additionally, IoT-connected machines assist in dealing with large data, mass volumes of data, and AI (Artificial Intelligence). The market is driven by factors such as surge in demand for connected medical machines, rapid adoption of digitalization and automation, coupled with the rising inclination towards IoT-enabled predictive maintenance solutions across industries.

The increasing deployment of 5G, cloud computing, and AI technologies is playing a vital role that is bolstering the demand for IoT-connected machines during the estimated period. For instance, the IEEE ComSoc estimates that in 2021, public spending on cloud computing increased to USD 332.3 billion, up around 23.1% from USD 270 billion in 2020. As a result, these elements are stimulating market demand. Also, according to the GSMA, the overall investment in 5G networks is expected to reach USD 1 trillion worldwide by the year 2025. Therefore, the growing trend of opting the emerging technologies is exhibiting a positive influence on market growth over the forecasting period. Moreover, rising investment in the development of advanced technology, as well as the growing demand for wireless communication is presenting various lucrative

opportunities over the forecasting years. However, the high cybersecurity risk associated with connected machines and high cost associated with the implementation of IoT-connected machines are challenging the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global IoT Connected Machines Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the increasing demand for wireless communication, growing focus on automation, along with rising government initiatives. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the growing investment in industrial infrastructure, as well as rapid digitalization of industries in the market space.

Major market players included in this report are:

Siemens AG

Honeywell International Inc.

General Electric Company

Intel Corporation

Hitachi Ltd.

ABB Ltd.

PTC Ltd.

Rockwell Automation

Schneider Electric

IBM Corporation

Recent Developments in the Market:

In September 2022, ABB Ltd. announced that the company upgraded its India-based smart power factory by incorporating the upgrade of industrial IoT. The smart factory connects overall industrial robots, machines, and other equipment, which supports industrial digitalization.

In August 2022, Elevat – an OEM solutions provider declared that the company entered into a partnership with Cummins Inc. in order to integrate Cummins Connected Diagnostics application and Machine Connect IoT platform of Elevat. The main objective of this partnership is to help the customers with a single dashboard machine view rather than multiple components.

Global IoT Connected Machines Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Component, Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Component:

IoT Gateways

I/O Modules

IoT Sensors

Others (PLCs)

By Industry:

Automotive

Logistics & Transportation

Manufacturing

Healthcare

Others

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
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. IoT Connected Machines Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. IoT Connected Machines Market, by Component, 2019-2029 (USD Billion)
 - 1.2.3. IoT Connected Machines Market, by Industry, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL IOT CONNECTED MACHINES MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL IOT CONNECTED MACHINES MARKET DYNAMICS

- 3.1. IoT Connected Machines Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising inclination towards IoT-enabled predictive maintenance solutions across industries
 - 3.1.1.2. Increasing deployment of 5G, cloud computing, and AI technologies
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cybersecurity risk associated with connected machines
 - 3.1.2.2. High cost associated with its implementation
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising investment in the development of advanced technology
 - 3.1.3.2. Growing demand for wireless communication

CHAPTER 4. GLOBAL IOT CONNECTED MACHINES 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. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL IOT CONNECTED MACHINES MARKET, BY COMPONENT

- 6.1. Market Snapshot
- 6.2. Global IoT Connected Machines Market by Component, Performance - Potential Analysis
- 6.3. Global IoT Connected Machines Market Estimates & Forecasts by Component 2019-2029 (USD Billion)
- 6.4. IoT Connected Machines Market, Sub Segment Analysis
 - 6.4.1. IoT Gateways
 - 6.4.2. I/O Modules
 - 6.4.3. IoT Sensors
 - 6.4.4. Others (PLCs)

CHAPTER 7. GLOBAL IOT CONNECTED MACHINES MARKET, BY INDUSTRY

- 7.1. Market Snapshot

7.2. Global IoT Connected Machines Market by Industry, Performance - Potential Analysis

7.3. Global IoT Connected Machines Market Estimates & Forecasts by Industry 2019-2029 (USD Billion)

7.4. IoT Connected Machines Market, Sub Segment Analysis

7.4.1. Automotive

7.4.2. Logistics & Transportation

7.4.3. Manufacturing

7.4.4. Healthcare

7.4.5. Others

CHAPTER 8. GLOBAL IOT CONNECTED MACHINES MARKET, REGIONAL ANALYSIS

8.1. IoT Connected Machines Market, Regional Market Snapshot

8.2. North America IoT Connected Machines Market

8.2.1. U.S. IoT Connected Machines Market

8.2.1.1. Component breakdown estimates & forecasts, 2019-2029

8.2.1.2. Industry breakdown estimates & forecasts, 2019-2029

8.2.2. Canada IoT Connected Machines Market

8.3. Europe IoT Connected Machines Market Snapshot

8.3.1. U.K. IoT Connected Machines Market

8.3.2. Germany IoT Connected Machines Market

8.3.3. France IoT Connected Machines Market

8.3.4. Spain IoT Connected Machines Market

8.3.5. Italy IoT Connected Machines Market

8.3.6. Rest of Europe IoT Connected Machines Market

8.4. Asia-Pacific IoT Connected Machines Market Snapshot

8.4.1. China IoT Connected Machines Market

8.4.2. India IoT Connected Machines Market

8.4.3. Japan IoT Connected Machines Market

8.4.4. Australia IoT Connected Machines Market

8.4.5. South Korea IoT Connected Machines Market

8.4.6. Rest of Asia Pacific IoT Connected Machines Market

8.5. Latin America IoT Connected Machines Market Snapshot

8.5.1. Brazil IoT Connected Machines Market

8.5.2. Mexico IoT Connected Machines Market

8.5.3. Rest of Latin America IoT Connected Machines Market

8.6. Rest of The World IoT Connected Machines Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Siemens AG

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. Honeywell International Inc.

9.2.3. General Electric Company

9.2.4. Intel Corporation

9.2.5. Hitachi Ltd.

9.2.6. ABB Ltd.

9.2.7. PTC Ltd.

9.2.8. Rockwell Automation

9.2.9. Schneider Electric

9.2.10. IBM Corporation

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global IoT Connected Machines Market, report scope
- TABLE 2. Global IoT Connected Machines Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global IoT Connected Machines Market estimates & forecasts by Component 2019-2029 (USD Billion)
- TABLE 4. Global IoT Connected Machines Market estimates & forecasts by Industry 2019-2029 (USD Billion)
- TABLE 5. Global IoT Connected Machines Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 6. Global IoT Connected Machines Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global IoT Connected Machines Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global IoT Connected Machines Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global IoT Connected Machines Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global IoT Connected Machines Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global IoT Connected Machines Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global IoT Connected Machines Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global IoT Connected Machines Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global IoT Connected Machines Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. U.S. IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 17. U.S. IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. Canada IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE IoT Connected Machines Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row IoT Connected Machines Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row IoT Connected Machines Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global IoT Connected Machines Market

TABLE 70. List of primary sources, used in the study of global IoT Connected Machines Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

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

List Of Figures

LIST OF FIGURES

- FIG 1. Global IoT Connected Machines Market, research methodology
- FIG 2. Global IoT Connected Machines Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global IoT Connected Machines Market, key trends 2021
- FIG 5. Global IoT Connected Machines Market, growth prospects 2022-2029
- FIG 6. Global IoT Connected Machines Market, porters 5 force model
- FIG 7. Global IoT Connected Machines Market, pest analysis
- FIG 8. Global IoT Connected Machines Market, value chain analysis
- FIG 9. Global IoT Connected Machines Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global IoT Connected Machines Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global IoT Connected Machines Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global IoT Connected Machines Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global IoT Connected Machines Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global IoT Connected Machines Market, regional snapshot 2019 & 2029
- FIG 15. North America IoT Connected Machines Market 2019 & 2029 (USD Billion)
- FIG 16. Europe IoT Connected Machines Market 2019 & 2029 (USD Billion)
- FIG 17. Asia Pacific IoT Connected Machines Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America IoT Connected Machines Market 2019 & 2029 (USD Billion)
- FIG 19. Global IoT Connected Machines Market, company Market share analysis (2021)

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

I would like to order

Product name: Global IoT Connected Machines Market Size study & Forecast, by Component (IoT Gateways, I/O Modules, IoT Sensors, Others (PLCs)), by Industry (Automotive, Logistics & Transportation, Manufacturing, Healthcare, Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G4A751C825F3EN.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/G4A751C825F3EN.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