

Global IoT in Construction Market Size study, by Offering (Hardware, Software, Services), by Project Type (Commercial, Residential), by Application (Safety Management, Remote Operations, Predictive Maintenance, Fleet Management, Others) and Regional Forecasts 2020-2027

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Abstracts

Global IoT in Construction Market is valued approximately USD 7.8 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 16.5% over the forecast period 2020-2027. IoT in construction is extensively used in safety management, fleet management, predictive maintenance applications, and remote operations. Using a variety of IoT technologies, such as LIDAR (Light Detection and Ranging) and GNSS (Global Navigation Satellite System), machine control, automatically modifies heavy construction equipment to perfectly grade, drill or pile large areas. The IoT is mainly used in the construction sector to streamline processes, increase workers safety, and reduce waste, which leads to save time and money. In the construction sector, the IoT is often referred as telematics. The IoT or telematics, allows the engineers to keep up to date on critical assessment information about their equipment, including the speed of idling, GPS tracking, and tire pressure. Therefore, these factors are strengthening the market growth around the world. Furthermore, growing construction industry due to rapid urbanization in developing countries, along with increasing productivity and safety with the advent of IoT on the construction site are the few other factors accelerating the adoption IoT in construction industry. According to the International Construction Market Survey, the growth rate of construction industry globally in 2017 was estimated nearly 3.5% and it grew to almost 3.9% in 2018. Similarly, as per the report of the European Construction Industry Federation (FIEC) 2017, it is estimated that construction activity in entire Europe grew by 2.2% in 2016 (that reaches approximately USD 1,418 billion)

compared to 2015, which holds about USD 1385 billion. This, in turn, is expected to create a higher demand for IoT in construction sector. The outbreak of COVID-19 having a massive impact on construction projects as several countries are under lockdown, therefore the work is expected to halt for short-term. Also, the contractors have to face disruption in supply chains, shortage of material and subcontractors, as well as the termination of contracts to control expenses, due to which the demand for IoT-enabled construction equipment is declined and have major negative impact on the market growth. However, high initial cost of deploying IoT-enabled construction equipment impedes the growth of the market over the forecast period of 2020-2027.

The regional analysis of global IoT in Construction market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the rising investment in infrastructure and construction projects, followed by the presence of significant number of market players, such as Oracle Corporation, Caterpillar Inc., and more in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rising construction projects in the countries, and increasing digitalization would create lucrative growth prospects for the IoT in Construction market across Asia-Pacific region.

Major market player included in this report are:

Caterpillar Inc.

Autodesk, Inc.

Trimble Inc.

Oracle Corporation

KORE Wireless Group

Worldsensing

Giatec Scientific Inc.

Losant IoT, Inc.

CalAmp Corp.

Hitachi, Ltd.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Offering:

Hardware

Software

Services

By Project Type:

Commercial

Residential

By Application:

Safety Management

Remote Operations

Predictive Maintenance

Fleet Management

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
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global IoT in Construction Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. IoT in Construction Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. IoT in Construction Market, by Offering, 2018-2027 (USD Billion)
 - 1.2.3. IoT in Construction Market, by Project Type, 2018-2027 (USD Billion)
 - 1.2.4. IoT in Construction Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL IOT IN CONSTRUCTION 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 IN CONSTRUCTION MARKET DYNAMICS

- 3.1. IoT in Construction Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL IOT IN CONSTRUCTION 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
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL IOT IN CONSTRUCTION MARKET, BY OFFERING

5.1. Market Snapshot

5.2. Global IoT in Construction Market by Offering, Performance - Potential Analysis

5.3. Global IoT in Construction Market Estimates & Forecasts by Offering 2017-2027 (USD Billion)

5.4. IoT in Construction Market, Sub Segment Analysis

5.4.1. Hardware

5.4.2. Software

5.4.3. Services

CHAPTER 6. GLOBAL IOT IN CONSTRUCTION MARKET, BY PROJECT TYPE

6.1. Market Snapshot

6.2. Global IoT in Construction Market by Project Type, Performance - Potential Analysis

6.3. Global IoT in Construction Market Estimates & Forecasts by Project Type 2017-2027 (USD Billion)

6.4. IoT in Construction Market, Sub Segment Analysis

6.4.1. Commercial

6.4.2. Residential

CHAPTER 7. GLOBAL IOT IN CONSTRUCTION MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global IoT in Construction Market by Application - Potential Analysis

7.3. Global IoT in Construction Market Estimates & Forecasts by Application 2017-2027 (USD Billion)

7.4. IoT in Construction Market, Sub Segment Analysis

7.4.1. Safety Management

7.4.2. Remote Operations

7.4.3. Predictive Maintenance

7.4.4. Fleet Management

7.4.5. Others

CHAPTER 8. GLOBAL IOT IN CONSTRUCTION MARKET, REGIONAL ANALYSIS

8.1. IoT in Construction Market, Regional Market Snapshot

8.2. North America IoT in Construction Market

8.2.1. U.S. IoT in Construction Market

8.2.1.1. Offering breakdown estimates & forecasts, 2017-2027

8.2.1.2. Project Type breakdown estimates & forecasts, 2017-2027

8.2.1.3. Application breakdown estimates & forecasts, 2017-2027

8.2.2. Canada IoT in Construction Market

8.3. Europe IoT in Construction Market Snapshot

8.3.1. U.K. IoT in Construction Market

8.3.2. Germany IoT in Construction Market

8.3.3. France IoT in Construction Market

8.3.4. Spain IoT in Construction Market

8.3.5. Italy IoT in Construction Market

8.3.6. Rest of Europe IoT in Construction Market

8.4. Asia-Pacific IoT in Construction Market Snapshot

8.4.1. China IoT in Construction Market

8.4.2. India IoT in Construction Market

8.4.3. Japan IoT in Construction Market

8.4.4. Australia IoT in Construction Market

8.4.5. South Korea IoT in Construction Market

8.4.6. Rest of Asia Pacific IoT in Construction Market

8.5. Latin America IoT in Construction Market Snapshot

8.5.1. Brazil IoT in Construction Market

8.5.2. Mexico IoT in Construction Market

8.6. Rest of The World IoT in Construction Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Caterpillar Inc.

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. Autodesk, Inc.
- 9.2.3. Trimble Inc.
- 9.2.4. Oracle Corporation
- 9.2.5. KORE Wireless Group
- 9.2.6. Worldsensing
- 9.2.7. Giatec Scientific Inc.
- 9.2.8. Losant IoT, Inc.
- 9.2.9. CalAmp Corp.
- 9.2.10. Hitachi, Ltd.

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 IN CONSTRUCTION MARKET, REPORT SCOPE

TABLE 2. GLOBAL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY REGION 2017-2027 (USD BILLION)

TABLE 3. GLOBAL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY OFFERING 2017-2027 (USD BILLION)

TABLE 4. GLOBAL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY PROJECT TYPE 2017-2027 (USD BILLION)

TABLE 5. GLOBAL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY APPLICATION 2017-2027 (USD BILLION)

TABLE 6. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 7. GLOBAL IOT IN CONSTRUCTION MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 8. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 9. GLOBAL IOT IN CONSTRUCTION MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 10. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 11. GLOBAL IOT IN CONSTRUCTION MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 12. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 13. GLOBAL IOT IN CONSTRUCTION MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 14. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 15. GLOBAL IOT IN CONSTRUCTION MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 16. U.S. IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 17. U.S. IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 18. U.S. IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 19. CANADA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 20. CANADA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 21. CANADA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 22. UK IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 23. UK IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 24. UK IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 25. GERMANY IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 26. GERMANY IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 27. GERMANY IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 28. ROE IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 29. ROE IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 30. ROE IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 31. CHINA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 32. CHINA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 33. CHINA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 34. INDIA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 35. INDIA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 36. INDIA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 37. JAPAN IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 38. JAPAN IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS

BY SEGMENT 2017-2027 (USD BILLION)

TABLE 39. JAPAN IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 40. ROAPAC IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 41. ROAPAC IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 42. ROAPAC IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 43. BRAZIL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 44. BRAZIL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 45. BRAZIL IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 46. MEXICO IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 47. MEXICO IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 48. MEXICO IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 49. ROLA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 50. ROLA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY
SEGMENT 2017-2027 (USD BILLION)

TABLE 51. ROLA IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY
SEGMENT 2017-2027 (USD BILLION)

TABLE 52. ROW IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 53. ROW IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY
SEGMENT 2017-2027 (USD BILLION)

TABLE 54. ROW IOT IN CONSTRUCTION MARKET ESTIMATES & FORECASTS BY
SEGMENT 2017-2027 (USD BILLION)

TABLE 55. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF GLOBAL
IOT IN CONSTRUCTION MARKET

TABLE 56. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF GLOBAL IOT IN
CONSTRUCTION MARKET

TABLE 57. YEARS CONSIDERED FOR THE STUDY

TABLE 58. EXCHANGE RATES CONSIDERED

List Of Figures

LIST OF FIGURES

FIG 1. GLOBAL IOT IN CONSTRUCTION MARKET, RESEARCH METHODOLOGY

FIG 2. GLOBAL IOT IN CONSTRUCTION MARKET, MARKET ESTIMATION
TECHNIQUES

FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS

FIG 4. GLOBAL IOT IN CONSTRUCTION MARKET, KEY TRENDS 2019

FIG 5. GLOBAL IOT IN CONSTRUCTION MARKET, GROWTH PROSPECTS
2020-2027

FIG 6. GLOBAL IOT IN CONSTRUCTION MARKET, PORTERS 5 FORCE MODEL

FIG 7. GLOBAL IOT IN CONSTRUCTION MARKET, PEST ANALYSIS

FIG 8. GLOBAL IOT IN CONSTRUCTION MARKET, VALUE CHAIN ANALYSIS

FIG 9. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, 2017 & 2027 (USD
BILLION)

FIG 10. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 11. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 12. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 13. GLOBAL IOT IN CONSTRUCTION MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 14. GLOBAL IOT IN CONSTRUCTION MARKET, REGIONAL SNAPSHOT 2017 &
2027

FIG 15. NORTH AMERICA IOT IN CONSTRUCTION MARKET 2017 & 2027 (USD
BILLION)

FIG 16. EUROPE IOT IN CONSTRUCTION MARKET 2017 & 2027 (USD BILLION)

FIG 17. ASIA PACIFIC IOT IN CONSTRUCTION MARKET 2017 & 2027 (USD
BILLION)

FIG 18. LATIN AMERICA IOT IN CONSTRUCTION MARKET 2017 & 2027 (USD
BILLION)

FIG 19. GLOBAL IOT IN CONSTRUCTION MARKET, COMPANY MARKET SHARE
ANALYSIS (2019)

COMPANIES MENTIONED

Caterpillar Inc.

Autodesk, Inc.
Trimble Inc.
Oracle Corporation
KORE Wireless Group
Worldsensing
Giatec Scientific Inc.
Losant IoT, Inc.
CalAmp Corp.
Hitachi, Ltd.

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