

Global Real-time Location Systems Market Size study & Forecast, by Product (Hardware, Software, Services) by Technology (Ultra-Wideband, WIFI, RFID, ZigBee, Infrared, Others), by Industry Vertical (Retail, Healthcare, Manufacturing and Processing, Transportation & Logistics, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Real-time Location Systems Market is valued at approximately USD 4.94 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 25.7% over the forecast period 2022-2029. Real-time Location Systems (RTLS) is a type of technology that is used to automatically identify and track the location of persons or things in real-time. RTLS generally uses wireless communication technologies such as Wi-Fi, RFID, GPS, or Bluetooth to track the location of objects or people inside a certain space or environment. These systems are adopted for a wide range of purposes including tracking the movements of cars, inventory management, asset tracking, tracking people's movements within buildings, and tracking the movement of medical equipment inside of hospitals. The rising popularity of the UWB technology based RTLS solutions, the surge in adoption of business analytics, high emphasis on Industry 4.0, IoT, and smart manufacturing, and the increase in the need for assets tracking are the primary factors that are propelling the market demand across the globe.

In addition, the rapid proliferation of smartphones is also playing a significant role in promoting the development of RTLS during the estimated period. Real-time positioning data is used by mobile applications for gaming, business and communication, health and wellness, and personal convenience. Also, RTLS technology enables the identification and real-time tracking of human location and is the foundation for the use

of smartphones for incident response and emergency management. According to Statista, the number of users of smartphones in the year 2019 is 287.76 million and the number of users is likely to reach 301.65 million by 2022. Thus, it is anticipated that the growing trend of smartphone users using navigation and other location-based applications is soaring in the growth of the RTLS market. Moreover, the rising innovations in tracking technology and recent advancements in fleet tracking, as well as the soaring demand for RTLS solutions in developing regions are presenting various lucrative opportunities over the forecasting years. However, the high costs of installation and maintenance and rising concerns regarding data security and privacy inhibiting the adoption of RTLS are hampering the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Real-time Location Systems 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 growing popularity of fast internet connectivity including 4G&5G connections, advancement in technologies, and increasing research and development activities. Whereas, the Asia Pacific is also expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising adoption of Industry 4.0 and IoT in manufacturing, geographic expansion of key players, and flourishing development of the end-use industries in the market space.

Major market players included in this report are:

Stanley Black & Decker Inc
Zebra Technologies Corporation
Aruba Networks
Savi Technology
TeleTracking Technologies Inc
Ubisense
AiRISTA Flow, Inc.
Sonitor Technologies
Redpine Signals
BluelIoT Technology Co., Ltd.

Recent Developments in the Market:

In March 2022, Sewio- a Czech startup with extensive experience with ultra-wideband (UWB) technology is assisting SICK AG- a sensor manufacturing company, in expanding its portfolio of localization devices. This indicates that SICK AG offer its customers a wide range of indoor localization solutions for track & trace applications in

non-automated or semi-automated settings.

In March 2022, BlueIoT (Beijing) Technology Co. Ltd, an RTLS provider, plans to install an innovative Real-Time Locating System (RTLS) in a more than 8,000 square meter Indonesian hospital. The company is focused on developing high-precision locating products and solutions based primarily on Bluetooth Angle-of-Arrival (AoA) technology.

Global Real-time Location Systems 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 Product, Technology, Industry Vertical, 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 Product:

Hardware

Software

Services

By Technology:

Ultra-Wideband

WiFi

RFID

ZigBee

Infrared

Others

By Industry Vertical:

Retail

Healthcare

Manufacturing and Processing

Transportation & Logistics

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. Real-time Location Systems Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Real-time Location Systems Market, by Product, 2019-2029 (USD Billion)
 - 1.2.3. Real-time Location Systems Market, by Technology, 2019-2029 (USD Billion)
 - 1.2.4. Real-time Location Systems Market, by Industry Vertical, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL REAL-TIME LOCATION SYSTEMS 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 REAL-TIME LOCATION SYSTEMS MARKET DYNAMICS

- 3.1. Real-time Location Systems Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rapid proliferation of smartphones
 - 3.1.1.2. Rising popularity of the UWB technology-based RTLS solutions
 - 3.1.1.3. Surge in adoption of business analytics
 - 3.1.2. Market Challenges
 - 3.1.2.1. High costs of installation and maintenance
 - 3.1.2.2. Rising concerns regarding data security and privacy inhibiting the adoption of RTLS
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising innovations in tracking technology and recent advancements in fleet tracking

3.1.3.2. Soaring demand for RTLS solutions in developing regions

CHAPTER 4. GLOBAL REAL-TIME LOCATION SYSTEMS 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 REAL-TIME LOCATION SYSTEMS MARKET, BY PRODUCT

6.1. Market Snapshot

6.2. Global Real-time Location Systems Market by Product, Performance - Potential Analysis

6.3. Global Real-time Location Systems Market Estimates & Forecasts by Product 2019-2029 (USD Billion)

6.4. Real-time Location Systems Market, Sub Segment Analysis

6.4.1. Hardware

6.4.2. Software

6.4.3. Services

CHAPTER 7. GLOBAL REAL-TIME LOCATION SYSTEMS MARKET, BY TECHNOLOGY

7.1. Market Snapshot

7.2. Global Real-time Location Systems Market by Technology, Performance - Potential Analysis

7.3. Global Real-time Location Systems Market Estimates & Forecasts by Technology 2019-2029 (USD Billion)

7.4. Real-time Location Systems Market, Sub Segment Analysis

7.4.1. Ultra-Wideband

7.4.2. WIFI

7.4.3. RFID

7.4.4. ZigBee

7.4.5. Infrared

7.4.6. Others

CHAPTER 8. GLOBAL REAL-TIME LOCATION SYSTEMS MARKET, BY INDUSTRY VERTICAL

8.1. Market Snapshot

8.2. Global Real-time Location Systems Market by Industry Vertical, Performance - Potential Analysis

8.3. Global Real-time Location Systems Market Estimates & Forecasts by Industry Vertical 2019-2029 (USD Billion)

8.4. Real-time Location Systems Market, Sub Segment Analysis

8.4.1. Retail

8.4.2. Healthcare

8.4.3. Manufacturing and Processing

8.4.4. Transportation & Logistics

8.4.5. Others

CHAPTER 9. GLOBAL REAL-TIME LOCATION SYSTEMS MARKET, REGIONAL ANALYSIS

9.1. Real-time Location Systems Market, Regional Market Snapshot

9.2. North America Real-time Location Systems Market

9.2.1. U.S. Real-time Location Systems Market

9.2.1.1. Product breakdown estimates & forecasts, 2019-2029

9.2.1.2. Technology breakdown estimates & forecasts, 2019-2029

- 9.2.1.3. Industry Vertical breakdown estimates & forecasts, 2019-2029
- 9.2.2. Canada Real-time Location Systems Market
- 9.3. Europe Real-time Location Systems Market Snapshot
 - 9.3.1. U.K. Real-time Location Systems Market
 - 9.3.2. Germany Real-time Location Systems Market
 - 9.3.3. France Real-time Location Systems Market
 - 9.3.4. Spain Real-time Location Systems Market
 - 9.3.5. Italy Real-time Location Systems Market
 - 9.3.6. Rest of Europe Real-time Location Systems Market
- 9.4. Asia-Pacific Real-time Location Systems Market Snapshot
 - 9.4.1. China Real-time Location Systems Market
 - 9.4.2. India Real-time Location Systems Market
 - 9.4.3. Japan Real-time Location Systems Market
 - 9.4.4. Australia Real-time Location Systems Market
 - 9.4.5. South Korea Real-time Location Systems Market
 - 9.4.6. Rest of Asia Pacific Real-time Location Systems Market
- 9.5. Latin America Real-time Location Systems Market Snapshot
 - 9.5.1. Brazil Real-time Location Systems Market
 - 9.5.2. Mexico Real-time Location Systems Market
 - 9.5.3. Rest of Latin America Real-time Location Systems Market
- 9.6. Rest of The World Real-time Location Systems Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Stanley Black & Decker Inc.
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Zebra Technologies Corporation
 - 10.2.3. Aruba Networks
 - 10.2.4. Savi Technology
 - 10.2.5. TeleTracking Technologies Inc
 - 10.2.6. Ubisense
 - 10.2.7. AiRISTA Flow, Inc.
 - 10.2.8. Sonitor Technologies

10.2.9. Redpine Signals

10.2.10. BlueIoT Technology Co., Ltd.

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Real-time Location Systems Market, report scope

TABLE 2. Global Real-time Location Systems Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Real-time Location Systems Market estimates & forecasts by Product 2019-2029 (USD Billion)

TABLE 4. Global Real-time Location Systems Market estimates & forecasts by Technology 2019-2029 (USD Billion)

TABLE 5. Global Real-time Location Systems Market estimates & forecasts by Industry Vertical 2019-2029 (USD Billion)

TABLE 6. Global Real-time Location Systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Real-time Location Systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Real-time Location Systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Real-time Location Systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Real-time Location Systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Real-time Location Systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Real-time Location Systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Real-time Location Systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Real-time Location Systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Real-time Location Systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Real-time Location Systems Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE Real-time Location Systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 40. China Real-time Location Systems Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 41. China Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 42. China Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 43. India Real-time Location Systems Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 44. India Real-time Location Systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 45. India Real-time Location Systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 46. Japan Real-time Location Systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 47. Japan Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 48. Japan Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 49. South Korea Real-time Location Systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 50. South Korea Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 51. South Korea Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 52. Australia Real-time Location Systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 53. Australia Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 54. Australia Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Real-time Location Systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 56. RoAPAC Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Real-time Location Systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 58. Brazil Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Real-time Location Systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Real-time Location Systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Real-time Location Systems Market

TABLE 71. List of primary sources, used in the study of global Real-time Location Systems Market

TABLE 72. Years considered for the study

TABLE 73. 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 Real-time Location Systems Market, research methodology
- FIG 2. Global Real-time Location Systems Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Real-time Location Systems Market, key trends 2021
- FIG 5. Global Real-time Location Systems Market, growth prospects 2022-2029
- FIG 6. Global Real-time Location Systems Market, porters 5 force model
- FIG 7. Global Real-time Location Systems Market, pest analysis
- FIG 8. Global Real-time Location Systems Market, value chain analysis
- FIG 9. Global Real-time Location Systems Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Real-time Location Systems Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Real-time Location Systems Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Real-time Location Systems Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Real-time Location Systems Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Real-time Location Systems Market, regional snapshot 2019 & 2029
- FIG 15. North America Real-time Location Systems Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Real-time Location Systems Market 2019 & 2029 (USD Billion)
- FIG 17. Asia pacific Real-time Location Systems Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Real-time Location Systems Market 2019 & 2029 (USD Billion)
- FIG 19. Global Real-time Location Systems Market, company Market share analysis (2021)

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

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