Real-Time Locating Systems (RTLS) Market by Offering (Hardware, Software, and Service), Technology (RFID, W-Fi, UWB, BLE, Infrared), Application (Inventory & Asset - Tracking & Management), Vertical, and Geography - Global Forecast to 2022

Description: The Real-Time Locating Systems market was valued at USD 1.42 billion in 2015 and is expected to reach USD 8.09 billion by 2022, at a CAGR of 24.5% during the forecast period. The requirement for resource utilization and workflow optimization in several industries, rising market competitiveness, increasing technological advancements, and high return on investment are the major drivers for the RTLS market. Factors such as lack of awareness, system incompatibility, lack of uniform standards and interoperability are restraining the growth of the RTLS market.

Manufacturing industry poses a huge market potential for the RTLS solutions mainly because of the increasing awareness and rising adoption level of such solutions as well as high industrial growth activities, especially in developing geographic regions such as Asia-Pacific and RoW. Automotive and aerospace are the two leading industries in manufacturing with huge growth and market potential.

The benefits provided by UWB technology in diverse application sectors, ranging from healthcare to defense, are the prime factors responsible for the high growth of this technology in the RTLS market, worldwide. The increase in demand for solutions based on UWB technology in manufacturing and healthcare industries, to locate and track the exact location of objects which cannot be tracked by RFID or Wi-Fi technologies due to obstructions such as hard concrete wall is expected to drive the RTLS market for UWB technology.

North America is expected to continue to hold the largest share in RTLS market, owing to the presence of major RTLS players in the U.S. and high adoption rate of RTLS technologies, specifically in the healthcare and retail sector. APAC is expected to grow at the highest rate in the RTLS market because of high industrial growth in manufacturing and retail in this region.

In the process of determining and verifying the market size for several segments and sub-segments gathered through secondary research, extensive primary interviews have been conducted with key people in the RTLS industry. The break-up of primary participants has been shown below:

- By Company Type: Tier 1 - 15 %, Tier 2 - 60%, and Tier 3 - 25%
- By Designation: C-Level Executives - 45%, Directors - 40%, and Others - 15%
- By Region: North America - 55%, Europe - 30%, and APAC - 15%

The report also profiles the key players in the RTLS market. The prominent players profiled in this report are Stanley Healthcare (U.S.), Zebra Technologies Corp. (U.S.), Ubisense Group PLC. (U.K.), IMPINJ, Inc. (U.S.), Savi Technology (U.S.), AiRISTA, LLC. (U.S.), CenTrak, Inc. (U.S.), Versus Technology, Inc. (U.S.), Identec Group AG (Liechtenstein), Redpine Signals, Inc. (U.S.), Decawave Ltd. (Ireland), Awarepoint Corp. (U.S.), BeSpoon SAS. (France), among others

Research Coverage:

This research report categorizes the RTLS market on the basis of offering, technology, vertical, application and geography. It also provides the Porter's five forces analysis, along with the description of each of its forces and their impact on the RTLS market. The report also discusses major drivers, restraints, challenges, and opportunities for the market.

Reasons to buy the report:

The report would help leaders/new entrants in this market in the following ways:

- This report segments the RTLS market comprehensively and provides the closest market size estimation for major industry verticals and applications across various regions.
- The report would help stakeholders understand the pulse of the market and provide them with the
information on drivers, restraints, challenges, and opportunities for the market. This report would help the stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, partnerships, and mergers & acquisitions.

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Geographic Scope
1.3.3 Years Considered for the Study
1.4 Currency
1.5 Package Size
1.6 Limitations
1.7 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primaries
2.2 Market Size Estimation
2.2.1 Bottom-Up Approach
2.2.2 Top-Down Approach
2.3 Market Share Estimation
2.4 Market Breakdown and Data Triangulation
2.5 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Opportunities for the Growth of the Real-Time Locating Systems Market
4.2 Software Segment in RTLS Market Expected to Grow at the Highest Rate Between 2016 and 2022
4.3 UWB Technology in the Market Expected to Grow at the Highest Rate Between 2016 and 2022
4.4 RTLS Market in APAC Expected to Grow at the Highest Rate Between 2016 and 2022
4.5 RTLS Market in Manufacturing Industry Expected to Grow at the Highest Rate Between 2016 and 2022

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 By Offering
5.2.2 By Technology
5.2.3 By Vertical
5.2.4 By Application
5.2.5 By Geography
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Resource Utilization and Workflow Optimization Requirement in Several Industries
5.3.1.2 Rising Market Competitiveness & Increased Technological Advancements
5.3.1.3 High Return on Investment
5.3.2 Restraints
5.3.2.1 System Incompatibility, Lack of Uniform Standards and Interoperability
5.3.2.2 Low Awareness Among End Users and Lack of Expert Workforce
5.3.2.3 Concerns Regarding Security and Privacy
5.3.3 Opportunities
5.3.3.1 Emerging Opportunities for RTLS Solutions in Manufacturing Industry Mainly in Automotive and Aerospace
5.3.3.2 High Growth in Various Industries Such as Manufacturing, Oil Gas and Mining in Asia-Pacific and RoW
5.3.4 Challenges
5.3.4.1 Accuracy, Range, and Power Consumption Trade-Off

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
6.3.1 Intensity of Competitive Rivalry
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Buyers
6.3.4 Bargaining Power of Suppliers
6.3.5 Threat of New Entrants

7 Global RTLS Market, By Offering
7.1 Introduction
7.2 Hardware
7.2.1 Tag & Badge
7.2.2 Reader Or Tracker
7.2.3 RTLS Gateway
7.3 Software
7.3.1 Location Analytics Engine Software
7.3.2 Middleware
7.4 Service
7.4.1 Consulting
7.4.2 Application Support & Maintenance
7.4.3 Deployment & Integration

8 Real-Time Locating Systems Market, By Technology
8.1 Introduction
8.1.1 RTLS Technologies Comparison
8.1.2 Leading RTLS Players, By Technology
8.1.3 Hybrid RTLS Technologies
8.2 RFID
8.3 Wi-Fi
8.4 Ultra-Wideband (UWB)
8.4.1 UWB - A Strong and Emerging Contender With Huge Market Potential
8.5 Infrared (IR)
8.6 Ultrasound
8.7 ZigBee
8.8 Bluetooth Low Energy (BLE)
8.9 Global Positioning System (GPS)
8.10 Other RTLS Technologies

9 Global RTLS Market, By Vertical
9.1 Introduction
9.2 Healthcare
9.3 Retail
9.4 Manufacturing
9.5 Transportation & Logistics
9.6 Government & Defense
9.7 Hospitality, Food & Beverages
9.8 Education
9.9 Oil & Gas, Mining
9.10 Sports & Entertainment
9.11 Other Verticals

10 RTLS Market, By Application
10.1 Introduction
10.2 Inventory & Asset - Tracking & Management
10.3 Personnel/Staff Locating & Monitoring
10.4 Security
10.5 Temperature & Humidity Monitoring
10.6 Yard, Dock Monitoring & Warehousing
10.7 Mapping & Visualization
10.8 Postal & Courier Services
10.9 Supply Chain Management
10.10 Workflow & Process Automation
10.11 Other Applications

11 Geographic Analysis
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.2 Canada
11.2.3 Mexico
11.3 Europe
11.3.1 U.K.
11.3.2 Germany
11.3.3 France
11.3.4 Russia
11.3.5 Rest of Europe
11.4 Asia-Pacific (APAC)
11.4.1 Japan
11.4.2 China
11.4.3 India
11.4.4 Rest of APAC
11.5 Rest of the World (RoW)
11.5.1 Middle East
11.5.2 Africa
11.5.3 South America

12 Competitive Landscape
12.1 Overview
12.2 Market Ranking Analysis: Real-Time Locating Systems Market
12.3 Competitive Situation and Trends
12.3.1 New Product Launches and Developments
12.3.2 Partnerships, Agreements, Contracts, and Collaborations
12.3.3 Mergers & Acquisitions

13 Company Profiles
(Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)
13.1 Introduction
13.2 Zebra Technologies Corp.
13.3 Stanley Healthcare
13.4 Impinj, Inc.
13.5 SAVI Technology
13.6 Ubisense Group PLC.
13.7 Airista, LLC.
13.8 Centrik, Inc. (U.S.)
13.9 Versus Technology, Inc.
13.10 Identec Group AG
13.11 Redpine Signals, Inc.
13.12 Decawave Ltd.
13.13 Awarepoint Corp. (U.S.)
13.14 Bespoon Sas.

- Details on Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments Might Not Be Captured in Case of Unlisted Companies.

14 Appendix
14.1 Insights of Industry Experts
14.2 Discussion Guide

List of Tables
Table 1: RTLS Market, By Offering, 2013-2022 (USD Million)
Table 2: Leading RTLS Solution Providers, By Offering
Table 3: Real-Time Locating Systems Market for Hardware, By Type, 2013-2022 (USD Million)
Table 4: Market for Hardware, By Type, 2013-2022 (Thousand Units)
Table 5: RTLS Market in North America, By Offering, 2013-2022 (USD Million)
Table 6: Real-Time Locating Systems Market in Europe, By Offering, 2013-2022 (USD Million)
Table 7: RTLS Market in APAC, By Offering, 2013-2022 (USD Million)
Table 8: Market in RoW, By Product 2013-2022 (USD Million)
Table 9: Comparison of Various RTLS Technologies
Table 10: RTLS Market, By Technology, 2013-2022 (USD Million)
Table 11: Leading RTLS Players, By Technology
Table 12: RTLS Market for RFID Technology, By Vertical, 2013-2022 (USD Million)
Table 13: Market for RFID Technology, By Application, 2013-2022 (USD Million)
Table 14: RTLS Market for RFID Technology, By Region, 2013-2022 (USD Million)
Table 15: RTLS Market for Wi-Fi Technology, By Vertical, 2013-2022 (USD Million)
Table 16: Wi-Fi RTLS Market Size, By Application, 2013-2022 (USD Million)
Table 17: Market for Wi-Fi Technology, By Region, 2013-2022 (USD Million)
Table 18: RTLS Market for UWB Technology, By Vertical, 2013-2022 (USD Million)
Table 19: Market for UWB Technology, By Application, 2013-2022 (USD Million)
Table 20: Real-Time Locating Systems Market for UWB Technology, By Region, 2013-2022 (USD Million)
Table 21: RTLS Market for IR Technology, By Vertical, 2013-2022 (USD Million)
Table 22: Market for IR Technology, By Application, 2013-2022 (USD Million)
Table 23: Market for IR Technology, By Region, 2013-2022 (USD Million)
Table 24: RTLS Market for Ultrasound Technology, By Vertical, 2013-2022 (USD Million)
Table 25: Market for Ultrasound Technology, By Application, 2013-2022 (USD Million)
Table 26: RTLS Market for Ultrasound Technology, By Region, 2013-2022 (USD Million)
Table 27: Market for ZigBee Technology, By Vertical, 2013-2022 (USD Million)
Table 28: RTLS Market for ZigBee Technology, By Application, 2013-2022 (USD Million)
Table 29: Market for ZigBee Technology, By Region, 2013-2022 (USD Million)
Table 30: RTLS Market for BLE Technology, By Vertical, 2013-2022 (USD Million)
Table 31: Real-Time Locating Systems Market for BLE Technology, By Application, 2013-2022 (USD Million)
Table 32: Market for BLE Technology, By Region, 2013-2022 (USD Million)
Table 33: RTLS Market for GPS Technology, By Vertical, 2013-2022 (USD Thousand)
Table 34: Market for GPS Technology, By Application, 2013-2022 (USD Thousand)
Table 35: RTLS Market for GPS Technology, By Region, 2013-2022 (USD Million)
Table 36: RTLS Market for Other Technologies, By Vertical, 2013-2022 (USD Million)
Table 37: Market for Other Technologies, By Application, 2013-2022 (USD Million)
Table 38: RTLS Market for Other Technologies, By Region, 2013-2022 (USD Million)
Table 39: Real-Time Locating Systems Market for Personnel/Staff Locating & Monitoring Application, By Technology, 2013-2022 (USD Million)
Table 40: Leading RTLS Solution Providers, By Vertical
Table 41: RTLS Market for Healthcare Vertical, By Region 2013-2022 (USD Million)
Table 42: Market for Retail Vertical, By Region, 2013-2022 (USD Million)
Table 43: RTLS Market for Manufacturing Vertical, By Region, 2013-2022 (USD Million)
Table 44: Market for Transportation & Logistics Vertical, By Region, 2013-2022 (USD Million)
Table 45: RTLS Market for Government & Defense Vertical, By Region, 2013-2022 (USD Million)
Table 46: Real-Time Locating Systems Market for Hospitality, Food & Beverages Vertical, By Region, 2013-2022 (USD Million)
Table 47: RTLS Market for Education Vertical, By Region, 2013-2022 (USD Million)
Table 48: Market for Oil & Gas, Mining Vertical, By Region, 2013-2022 (USD Million)
Table 49: RTLS Market for Sports & Entertainment Vertical, By Region, 2013-2022 (USD Million)
Table 50: Market for Other Verticals, By Region, 2013-2022 (USD Million)
Table 51: RTLS Market, By Application, 2013-2022 (USD Million)
Table 52: Market for Inventory & Asset - Tracking and Management Application, By Technology 2013-2022 (USD Million)
Table 53: Real-Time Locating Systems Market for Personnel/Staff Locating & Monitoring Application, By Technology, 2013-2022 (USD Million)
Table 54: Market for Security Application, By Technology, 2013-2022 (USD Million)
Table 55: RTLS Market for Temperature & Humidity Monitoring Application, By Technology, 2013-2022 (USD Million)
Table 56: Systems Market for Yard, Dock Monitoring & Warehousing Application, By Technology, 2013-2022 (USD Million)
Table 57 Market for Mapping & Visualization Application, By Technology, 2013-2022 (USD Million)
Table 58 Market for Postal & Courier Service Application, By Technology, 2013-2022 (USD Million)
Table 59 RTLS Market for Supply Chain Management Application, By Technology, 2013-2022 (USD Million)
Table 60 Market for Workflow & Process Automation Application, By Technology, 2013-2022 (USD Million)
Table 61 RTLS Market for Other Applications, By Technology, 2013-2022 (USD Million)
Table 62 Market, By Region, 2013-2022 (USD Million)
Table 63 Market in North America, By Country, 2013-2022 (USD Million)
Table 64 Market in Europe, By Country, 2013-2022 (USD Million)
Table 65 Market in APAC, By Country, 2013-2022 (USD Million)
Table 66 RTLS Market in RoW, By Region, 2013-2022 (USD Million)
Table 67 Key Player Market Ranking, 2015
Table 68 New Product Launches, 2015-2016
Table 69 Partnerships, Agreements, Contracts, and Collaborations, 2015-2016
Table 70 Mergers & Acquisitions, 2014-2016

List of Figures

Figure 1 Market Segmentation
Figure 2 Market By Geography
Figure 3 Real-Time Locating Systems Market: Research Design
Figure 4 Breakdown of Primaries
Figure 5 Process Flow of Market Size Estimation
Figure 6 Market Size Estimation Methodology: Bottom-Up Approach
Figure 7 Market Size Estimation Methodology: Top-Down Approach
Figure 8 Data Triangulation
Figure 9 Growth in Market, 2013-2022
Figure 10 Wi-Fi Based RTLS Solutions to Hold the Largest Market Size By 2022
Figure 11 Manufacturing Industry Expected to Grow at the Highest Rate in the RTLS Market Between 2016 and 2022
Figure 12 APAC Market Expected to Grow at the Highest Rate Between 2016 and 2022
Figure 13 Real-Time Locating Systems Market to Grow at 24.5% CAGR Dominated By Healthcare Industry
Figure 14 Hardware Segment in RTLS Market Held the Largest Size in 2015
Figure 15 Wi-Fi- and North America Held the Largest Market Size in Global RTLS Market 2015
Figure 16 UWB- & Bluetooth Le-Based RTLS Expected to Grow at the Highest Rate Between 2016 and 2022
Figure 17 North America Held the Largest Share of the Overall RTLS Market in 2015
Figure 18 Healthcare Industry Held the Largest Size of the RTLS Market in 2015
Figure 19 Market Segmentation
Figure 20 Market, By Geography
Figure 21 RTLS Market: Drivers, Restraints, Opportunities, and Challenges
Figure 22 Market: Value Chain Analysis
Figure 23 Market: Porter's Five Forces Analysis, 2015
Figure 24 Porter's Five Forces Analysis for the RTLS Market, 2015
Figure 25 High Impact of Intensity of Competitive Rivalry in the RTLS Market in 2015
Figure 26 Low Impact of Threat of Substitutes in the RTLS Market in 2015
Figure 27 High Impact of Bargaining Power of Buyers in the RTLS Market in 2015
Figure 28 Medium Impact of Bargaining Power of Suppliers in the RTLS Market in 2015
Figure 29 Medium Impact of Threat of New Entrants in the Market in 2015
Figure 30 RTLS Market Segmentation, By Offering
Figure 31 RTLS Market, By Product, 2016 vs 2022 (USD Million)
Figure 32 Software Segment to Dominate the RTLS Market for Offering in North America During the Forecast Period
Figure 33 Software Segment to Dominate the Market for Offering in Europe During the Forecast Period
Figure 34 Software Segment to Dominate the Market for Offering in APAC During the Forecast Period
Figure 35 Software Segment to Dominate the Market for Offering in RoW During the Forecast Period
Figure 36 Wi-Fi Technology Expected to Hold the Largest Size of the RTLS Market During the Forecast Period
Figure 37 Healthcare Vertical to Hold the Largest Size of the Market for RTLS Based on RFID Technology During the Forecast Period
Figure 38 Supply Chain Management Application to Grow at the Highest Rate in Wi-Fi Based Real-Time Locating Systems Market During the Forecast Period
Figure 39 North America Expected to Hold the Largest Size of the Market for UWB Technology During the Forecast Period
Figure 40 Supply Chain Management Application to Grow at the Highest Rate in the RTLS Market for Ultrasound Technology During the Forecast Period
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Real-Time Locating Systems (RTLS) Market by Offering (Hardware, Software, and Service), Technology (RFID, Wi-Fi, UWB, BLE, Infrared), Application (Inventory & Asset - Tracking & Management), Vertical, and Geography - Global Forecast to 2022

Web Address: http://www.researchandmarkets.com/reports/3984692/

Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Electronic (PDF) - Single User:</th>
<th>USD 5650</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td></td>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td></td>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]

First Name: __________________________ Last Name: __________________________

Email Address: * __________________________

Job Title: __________________________

Organisation: __________________________

Address: __________________________

City: __________________________

Postal / Zip Code: __________________________

Country: __________________________

Phone Number: __________________________

Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World