

# **Indoor LBS Market Report by Solution Type (Analytics and Insights, Campaign Management, Enterprise Services, Location and Alerts, Maps, Proximity Beacons, and Others), Technology (Context Aware Technology, OTDOA and E-OTDOA, RFID and NFC, Satellite, Microwave and Infrared Sensing, and Others), Application (Monitoring, Navigation, Tracking, Analytics, and Others), Vertical (Retail, Transportation and Logistics, Media and Entertainment, Healthcare and Life Sciences, Government and Public Buildings, Aerospace, and Defense, BFSI, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/IEF62C2A04D8EN.html>

Date: March 2024

Pages: 141

Price: US\$ 3,899.00 (Single User License)

ID: IEF62C2A04D8EN

## **Abstracts**

The global indoor LBS market size reached US\$ 13.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 60.0 Billion by 2032, exhibiting a growth rate (CAGR) of 17.2% during 2024-2032. Significant growth in the retail sector, wide utilization of indoor LBS in various industries, such as logistics, healthcare, and manufacturing, and the widespread adoption of smartphones and mobile devices are some of the major factors propelling the market.

Indoor location-based services (LBS) refer to technology-driven solutions that enable precise positioning and navigation within indoor environments. These services utilize a combination of various technologies, such as Wi-Fi, Bluetooth, RFID, and sensor networks, to determine the location of a device or individual within a building or

enclosed space. By leveraging these technologies, Indoor LBS enhances user experiences by providing real-time navigation, location-specific information, and personalized services tailored to the indoor context. They offer numerous benefits, such as improved customer engagement, increased operational efficiency, and enhanced safety within indoor spaces.

Significant growth in the retail sector is driving the global market. Indoor LBS addresses the evolving expectations of modern consumers who seek convenience, personalized experiences, and seamless navigation. Retailers leverage Indoor LBS to optimize store layouts, deliver targeted promotions, and gather insights into customer behavior, thereby driving foot traffic and sales. Various industries such as logistics, healthcare, and manufacturing benefit from Indoor LBS by optimizing workflows, improving asset tracking, and enhancing overall operational efficiency. These technologies enable businesses to monitor the movement of assets, equipment, and personnel within indoor spaces, streamlining processes and reducing inefficiencies. The widespread adoption of smartphones and mobile devices has created a platform for delivering Indoor LBS directly to user's hands. Mobile apps and solutions that offer indoor navigation, location-based services, and real-time information align with the preferences of digitally connected consumers. Indoor LBS can enhance safety and compliance within indoor spaces by providing evacuation routes, location-based emergency alerts, and asset tracking during critical situations. Businesses in sectors including healthcare, education, and public venues prioritize safety compliance, driving the adoption of Indoor LBS solutions.

#### Indoor LBS Market Trends/Drivers:

##### Increasing Demand for Enhanced Customer Experience

As consumers become increasingly accustomed to seamless navigation and personalized interactions in outdoor environments, the expectation for a similar level of convenience indoors has grown significantly. This demand is particularly prominent in sectors such as retail, hospitality, and entertainment, where businesses seek to differentiate themselves by offering tailored and engaging experiences. Indoor LBS cater to this demand by providing precise indoor navigation, location-specific content, and personalized offers, thereby enhancing customer satisfaction and loyalty. For instance, in a retail setting, Indoor LBS can guide shoppers to specific products, provide real-time promotions, and offer interactive maps to improve their shopping journey. This focus on heightened customer experiences has led businesses to invest in Indoor LBS solutions to gain a competitive edge and establish themselves as leaders in customer-centric innovation.

## Proliferation of IoT and Smart Building Technologies

The integration of IoT devices and sensors within indoor environments enables the collection of real-time data, contributing to the creation of intelligent spaces. Indoor LBS leverage this data to provide accurate location information and contextual insights, enabling a wide array of applications. From asset tracking and occupancy management to energy optimization and security enhancement, Indoor LBS offer multifaceted benefits that contribute to the efficiency and sustainability of indoor spaces. As businesses and organizations increasingly embrace the concept of smart buildings, the demand for Indoor LBS rises in tandem, given their ability to harness the potential of IoT technologies for improved operations and resource utilization.

## Continual Advancements in Location Sensing Technologies

The evolution of Wi-Fi, Bluetooth, RFID, and ultra-wideband (UWB) technologies has significantly enhanced the accuracy and reliability of indoor positioning systems. These technologies facilitate precise localization even in complex indoor environments, such as shopping malls, airports, and large venues. The improved accuracy of these systems opens the door to a plethora of applications beyond navigation, including proximity-based marketing, geofencing, and indoor analytics. Businesses recognize the potential of these technologies to create tailored experiences, optimize workflows, and gather valuable insights about consumer behavior. As a result, the continuous advancements in location sensing technologies continue to stimulate the adoption of Indoor LBS across various industries, solidifying its position as a transformative force in redefining indoor interactions and operations.

### Indoor LBS Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global indoor LBS market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on solution type, technology, application and vertical.

### Breakup by Solution Type:

- Analytics and Insights
- Campaign Management
- Enterprise Services
- Location and Alerts

Maps  
Proximity Beacons  
Others  
Automotive Services  
Consumer Services  
Location-based Advertising Services  
Precision Geo-targeting  
Secure Transactions and Redemptions  
Others

Location and alerts dominate the market

The report has provided a detailed breakup and analysis of the market based on the solution type. This includes analytics and insights, campaign management, enterprise services, location and alerts, maps, proximity beacons, and others (automotive services, consumer services, location-based advertising services, precision geo-targeting, secure transactions and redemptions, and others). According to the report, location and alerts represented the largest segment.

The location and alerts solution type encompasses a comprehensive suite of functionalities that revolve around precise indoor positioning and timely alerts, playing a pivotal role in reshaping the ways individuals interact within enclosed spaces. It encompasses the core capabilities of indoor LBS, providing users with real-time navigation assistance and pertinent alerts based on their location. This includes features, such as turn-by-turn directions, dynamic indoor maps, and the ability to locate points of interest within complex indoor environments. The accuracy and reliability of these services have significantly improved due to advancements in location sensing technologies, including Wi-Fi triangulation, Bluetooth beacons, and UWB systems. Moreover, the integration of alerts enhances the functionality of Indoor LBS by enabling contextual notifications and updates based on user's positions. This can range from safety notifications in emergency situations to personalized promotions and offers from nearby businesses.

Breakup by Technology:

Context Aware Technology  
OTDOA and E-OTDOA  
RFID and NFC  
Satellite, Microwave and Infrared Sensing

Others (Wi-Fi/WLAN, UWB, BT/BLE, Beacons, A-GPS, etc.)

RFID and NFC dominates the market

The report has provided a detailed breakup and analysis of the market based on the technology. This includes context aware technology, OTDOA and E-OTDOA, RFID and NFC, satellite, microwave and infrared sensing, and others (Wi-Fi/WLAN, UWB, BT/BLE, beacons, A-GPS). According to the report, RFID and NFC represented the largest segment.

RFID technology, utilizing radio waves to transmit data between RFID tags and readers, enables precise identification and tracking of objects or assets within indoor environments. Its applications extend from inventory management and asset tracking to access control systems. In retail settings, RFID is pivotal in enhancing supply chain visibility, optimizing inventory levels, and enabling frictionless checkout experiences. In healthcare, RFID assists in efficient patient tracking, equipment monitoring, and ensuring compliance with safety protocols. NFC, on the other hand, enables short-range communication between devices by tapping or bringing them into close proximity. This technology has permeated various domains, from contactless payments and mobile access control to interactive marketing experiences. In retail, NFC-powered smart shelves can provide real-time product information to shoppers, while in hospitality, NFC-enabled keycards offer convenient room access.

Breakup by Application:

- Monitoring
- Navigation
- Tracking
- Analytics
- Others

Tracking dominates the market

The report has provided a detailed breakup and analysis of the market based on the application. This includes monitoring, navigation, tracking, analytics, and others. According to the report, tracking represented the largest segment.

Indoor LBS plays a pivotal role in ensuring efficient inventory tracking, optimizing routes for goods and vehicles, and streamlining warehouse operations. The ability to monitor

the movement of goods within large and complex indoor spaces enhances operational transparency, reduces errors, and facilitates timely deliveries. In manufacturing environments, tracking applications contribute to process optimization, asset utilization, and improved safety by enabling real-time monitoring of equipment, components, and personnel. In healthcare settings, Indoor LBS-driven tracking applications facilitate patient flow management, asset tracking, and the optimization of healthcare resources. Hospitals and healthcare facilities leverage these technologies to enhance patient care by ensuring the seamless movement of patients and medical equipment. Moreover, in retail, tracking applications offer insights into consumer behavior and store traffic patterns, enabling businesses to enhance store layouts, optimize product placements, and improve customer engagement.

#### Breakup by Vertical:

Retail

Transportation and Logistics

Media and Entertainment

Healthcare and Life Sciences

Government and Public Buildings

Aerospace and Defense

BFSI

Others

Retail dominates the market

The report has provided a detailed breakup and analysis of the market based on the vertical. This includes retail, transportation and logistics, media and entertainment, healthcare and life sciences, government and public buildings, aerospace, and defense, BFSI and others. According to the report, retail represented the largest segment.

Retailers recognize the potential of Indoor LBS to address the evolving expectations of modern consumers for personalized, seamless, and context-aware experiences. Indoor LBS offer a multitude of applications within the retail sector, including precise navigation, location-based promotions, and real-time inventory updates. For instance, shoppers can benefit from accurate indoor navigation that guides them to specific products, departments, or facilities within sprawling shopping malls. Furthermore, retailers can leverage Indoor LBS to deploy targeted promotions and offers based on shopper's real-time locations, thereby fostering engagement, and driving foot traffic. The integration of Indoor LBS also enables retailers to gather valuable insights into

customer behavior, foot traffic patterns, and store layout effectiveness. By analyzing these data, retailers can optimize store layouts, product placements, and staffing to enhance overall operational efficiency and customer satisfaction.

#### Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

North America exhibits a clear dominance, accounting for the largest indoor LBS market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report,



North America accounted for the largest market share.

North America boasts a thriving ecosystem of technology companies, startups, and research institutions that actively drive the development and implementation of cutting-edge solutions. This environment fosters a culture of innovation and enables rapid advancements in Indoor LBS technologies. The region's robust infrastructure, including widespread access to high-speed internet and mobile connectivity, further accelerates the adoption of Indoor LBS. Moreover, the economic vitality of North America, particularly in sectors, including retail, healthcare, and logistics, amplifies the demand for enhanced indoor experiences and operational efficiency. Businesses in these sectors recognize the value of Indoor LBS in optimizing processes, improving customer engagement, and staying competitive in a dynamic marketplace. This demand drives the deployment of Indoor LBS solutions on a significant scale. Also, North America's sizable consumer base is tech-savvy and receptive to new technologies, making it an ideal market for Indoor LBS adoption. Consumers are increasingly seeking seamless navigation and personalized experiences, creating a fertile ground for the proliferation of these services.

#### Competitive Landscape:

Companies are heavily investing in the research and development of advanced technologies such as Bluetooth Low Energy (BLE), Wi-Fi triangulation, Radio Frequency Identification (RFID), and Ultra-Wideband (UWB) for more accurate and reliable indoor positioning. They continually refine these technologies to improve accuracy, scalability, and seamless integration with various devices. Indoor LBS companies are creating and maintaining detailed indoor maps and infrastructure databases. These maps facilitate precise indoor navigation and location-based services, helping users find specific points of interest, navigate complex buildings, and access relevant information seamlessly. Numerous companies develop mobile applications and software platforms that enable users to access indoor navigation, location-based promotions, and personalized recommendations on their smartphones or other devices. These apps integrate with various technologies to provide a user-friendly and intuitive experience.

The report has provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Apple  
Cisco Systems Inc.



GloPos Technologies  
Google LLC  
IndoorAtlas Ltd  
Micello Inc.  
Microsoft Corporation  
Navizon Inc.  
Ruckus Wireless  
YOOSE Pte. Ltd.

#### Recent Developments:

In May 2023, Microsoft Corporation launched Two New Initiatives to Support Indian SMBs. The tech giant has launched a dedicated helpline and a comprehensive website, specifically designed to help Indian SMBs address their business challenges, improve operations, increase efficiency, and drive growth.

In April 2021, CommScope Expand RUCKUS Wireless Wi-Fi 6 Portfolio for Hospitality, MDUs and Smart Spaces. It brings high performance, IoT connectivity to dense environments, and enhanced usability.

In February 2020, Cisco Systems Inc. launched Phunware Location Based Services. a fully integrated enterprise cloud platform for mobile that provides products, solutions, data, and services for brands worldwide.

#### Key Questions Answered in This Report

1. What is the market size for the global indoor LBS market in 2023?
2. What is the global indoor LBS market growth during 2024-2032?
3. What are the global indoor LBS market drivers?
4. What are the key industry trends in the global indoor LBS market?
5. What is the impact of COVID-19 on the global indoor LBS market?
6. What is the global indoor LBS market breakup by solution type?
7. What is the global indoor LBS market breakup by technology?
8. What is the global indoor LBS market breakup by application?
9. What is the global indoor LBS market breakup by vertical?
10. What are the major regions in the global indoor LBS market?
11. Who are the key companies/players in the global indoor LBS market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL INDOOR LBS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY SOLUTION TYPE**

- 6.1 Analytics and Insights
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Campaign Management
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Enterprise Services

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Location and Alerts
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Maps
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Proximity Beacons
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast
- 6.7 Others
  - 6.7.1 Market Trends
  - 6.7.2 Major Types
    - 6.7.2.1 Automotive Services
    - 6.7.2.2 Consumer Services
    - 6.7.2.3 Location-based Advertising Services
    - 6.7.2.4 Precision Geo-targeting
    - 6.7.2.5 Secure Transactions and Redemptions
    - 6.7.2.6 Others
  - 6.7.3 Market Forecast

## **7 MARKET BREAKUP BY TECHNOLOGY**

- 7.1 Context Aware Technology
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 OTDOA and E-OTDOA
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 RFID and NFC
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Satellite, Microwave and Infrared Sensing
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Others (Wi-Fi/WLAN, UWB, BT/BLE, Beacons, A-GPS, etc.)
  - 7.5.1 Market Trends
  - 7.5.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION**

### 8.1 Monitoring

8.1.1 Market Trends

8.1.2 Market Forecast

### 8.2 Navigation

8.2.1 Market Trends

8.2.2 Market Forecast

### 8.3 Tracking

8.3.1 Market Trends

8.3.2 Market Forecast

### 8.4 Analytics

8.4.1 Market Trends

8.4.2 Market Forecast

### 8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY VERTICAL**

### 9.1 Retail

9.1.1 Market Trends

9.1.2 Market Forecast

### 9.2 Transportation and Logistics

9.2.1 Market Trends

9.2.2 Market Forecast

### 9.3 Media and Entertainment

9.3.1 Market Trends

9.3.2 Market Forecast

### 9.4 Healthcare and Life Sciences

9.4.1 Market Trends

9.4.2 Market Forecast

### 9.5 Government and Public Buildings

9.5.1 Market Trends

9.5.2 Market Forecast

### 9.6 Aerospace and Defense

9.6.1 Market Trends

9.6.2 Market Forecast

## 9.7 BFSI

9.7.1 Market Trends

9.7.2 Market Forecast

## 9.8 Others

9.8.1 Market Trends

9.8.2 Market Forecast

# 10 MARKET BREAKUP BY REGION

## 10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

## 10.2 Asia Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

## 10.3 Europe

- 10.3.1 Germany
  - 10.3.1.1 Market Trends
  - 10.3.1.2 Market Forecast
- 10.3.2 France
  - 10.3.2.1 Market Trends
  - 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
  - 10.3.3.1 Market Trends
  - 10.3.3.2 Market Forecast
- 10.3.4 Italy
  - 10.3.4.1 Market Trends
  - 10.3.4.2 Market Forecast
- 10.3.5 Spain
  - 10.3.5.1 Market Trends
  - 10.3.5.2 Market Forecast
- 10.3.6 Russia
  - 10.3.6.1 Market Trends
  - 10.3.6.2 Market Forecast
- 10.3.7 Others
  - 10.3.7.1 Market Trends
  - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast

## **11 SWOT ANALYSIS**

### 11.1 Overview

- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 Apple
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
    - 14.3.1.3 Financials
    - 14.3.1.4 SWOT Analysis
  - 14.3.2 Cisco Systems Inc.
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
    - 14.3.2.3 Financials
    - 14.3.2.4 SWOT Analysis
  - 14.3.3 GloPos Technologies
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
  - 14.3.4 Google LLC
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
    - 14.3.4.3 SWOT Analysis
  - 14.3.5 IndoorAtlas Ltd



- 14.3.5.1 Company Overview
- 14.3.5.2 Product Portfolio
- 14.3.6 Micello Inc.
  - 14.3.6.1 Company Overview
  - 14.3.6.2 Product Portfolio
- 14.3.7 Microsoft Corporation
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
  - 14.3.7.3 Financials
  - 14.3.7.4 SWOT Analysis
- 14.3.8 Navizon Inc.
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
- 14.3.9 Ruckus Wireless
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
- 14.3.10 YOOSE Pte. Ltd.
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Indoor LBS Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Indoor LBS Market Forecast: Breakup by Solution Type (in Million US\$), 2024-2032

Table 3: Global: Indoor LBS Market Forecast: Breakup by Technology (in Million US\$), 2024-2032

Table 4: Global: Indoor LBS Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Indoor LBS Market Forecast: Breakup by Vertical (in Million US\$), 2024-2032

Table 6: Global: Indoor LBS Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Indoor LBS Market: Competitive Structure

Table 8: Global: Indoor LBS Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Indoor LBS Market: Major Drivers and Challenges

Figure 2: Global: Indoor LBS Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Indoor LBS Market: Breakup by Solution Type (in %), 2023

Figure 4: Global: Indoor LBS Market: Breakup by Technology (in %), 2023

Figure 5: Global: Indoor LBS Market: Breakup by Application (in %), 2023

Figure 6: Global: Indoor LBS Market: Breakup by Vertical (in %), 2023

Figure 7: Global: Indoor LBS Market: Breakup by Region (in %), 2023

Figure 8: Global: Indoor LBS Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 9: Global: Indoor LBS (Analytics and Insights) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Indoor LBS (Analytics and Insights) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Indoor LBS (Campaign Management) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Indoor LBS (Campaign Management) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Indoor LBS (Enterprise Services) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Indoor LBS (Enterprise Services) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Indoor LBS (Location and Alerts) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Indoor LBS (Location and Alerts) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Indoor LBS (Maps) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Indoor LBS (Maps) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Indoor LBS (Proximity Beacons) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Indoor LBS (Proximity Beacons) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Indoor LBS (Other Solution Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Indoor LBS (Other Solution Types) Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 23: Global: Indoor LBS (Context Aware Technology) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Indoor LBS (Context Aware Technology) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Indoor LBS (OTDOA and E-OTDOA) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Indoor LBS (OTDOA and E-OTDOA) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Indoor LBS (RFID and NFC) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Indoor LBS (RFID and NFC) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Indoor LBS (Satellite, Microwave and Infrared Sensing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Indoor LBS (Satellite, Microwave and Infrared Sensing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Indoor LBS (Others- Wi-Fi/WLAN, UWB, BT/BLE, Beacons, A-GPS, etc.) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Indoor LBS (Others- Wi-Fi/WLAN, UWB, BT/BLE, Beacons, A-GPS, etc.) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: Indoor LBS (Monitoring) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: Indoor LBS (Monitoring) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: Indoor LBS (Navigation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: Indoor LBS (Navigation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Global: Indoor LBS (Tracking) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Global: Indoor LBS (Tracking) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Global: Indoor LBS (Analytics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Global: Indoor LBS (Analytics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Global: Indoor LBS (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Global: Indoor LBS (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Global: Indoor LBS (Retail) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Global: Indoor LBS (Retail) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Global: Indoor LBS (Transportation and Logistics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Global: Indoor LBS (Transportation and Logistics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Global: Indoor LBS (Media and Entertainment) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Global: Indoor LBS (Media and Entertainment) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Global: Indoor LBS (Healthcare and Life Sciences) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Global: Indoor LBS (Healthcare and Life Sciences) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Global: Indoor LBS (Government and Public Buildings) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Global: Indoor LBS (Government and Public Buildings) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Global: Indoor LBS (Aerospace and Defense) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Global: Indoor LBS (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Global: Indoor LBS (BFSI) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Global: Indoor LBS (BFSI) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Global: Indoor LBS (Other Verticals) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Global: Indoor LBS (Other Verticals) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: North America: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: North America: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: United States: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: United States: Indoor LBS Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 63: Canada: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Canada: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 65: Asia Pacific: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Asia Pacific: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 67: China: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: China: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Japan: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Japan: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: India: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: India: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: South Korea: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: South Korea: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 75: Australia: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Australia: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 77: Indonesia: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Indonesia: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 79: Others: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Others: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 81: Europe: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 82: Europe: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 83: Germany: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 84: Germany: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 85: France: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

Figure 86: France: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 87: United Kingdom: Indoor LBS Market: Sales Value (in Million US\$), 2018 &  
2023

Figure 88: United Kingdom: Indoor LBS Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 89: Italy: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023

- Figure 90: Italy: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 91: Spain: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 92: Spain: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 93: Russia: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 94: Russia: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 95: Others: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 96: Others: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 97: Latin America: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 98: Latin America: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 99: Brazil: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 100: Brazil: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 101: Mexico: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 102: Mexico: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 103: Others: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 104: Others: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 105: Middle East and Africa: Indoor LBS Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 106: Middle East and Africa: Indoor LBS Market: Breakup by Country (in %), 2023
- Figure 107: Middle East and Africa: Indoor LBS Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 108: Global: Indoor LBS Industry: SWOT Analysis
- Figure 109: Global: Indoor LBS Industry: Value Chain Analysis
- Figure 110: Global: Indoor LBS Industry: Porter's Five Forces Analysis



## I would like to order

Product name: Indoor LBS Market Report by Solution Type (Analytics and Insights, Campaign Management, Enterprise Services, Location and Alerts, Maps, Proximity Beacons, and Others), Technology (Context Aware Technology, OTDOA and E-OTDOA, RFID and NFC, Satellite, Microwave and Infrared Sensing, and Others), Application (Monitoring, Navigation, Tracking, Analytics, and Others), Vertical (Retail, Transportation and Logistics, Media and Entertainment, Healthcare and Life Sciences, Government and Public Buildings, Aerospace, and Defense, BFSI, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/IEF62C2A04D8EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IEF62C2A04D8EN.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