

Global Indoor Location by Positioning Systems (Indoor LBS) Market by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Indoor LBS (Location-based Services) is used to track the location of an object or people within a building?specializing in next-generation mobile solutions and new customer experiences, including indoor location-based services, mapping & way finding, in-store product search, BLE beacons proximity services, and mobile payments. Indoor LBS is confined to a very limited geography; hence, it uses only wireless networks such as Wi-Fi and wireless local area networks (WLAN), which cover a small area. In addition, indoor LBS requires high accuracy to determine the position of the object or device. As a result, indoor LBS uses positioning technologies based on Wi-Fi, WLAN, ultra-wide band (UWB), Bluetooth, assisted global positioning system (A-GPS), microelectronic mechanical system (MEMS), and other hybrid technologies to determine the location of the searched object.

SCOPE OF THE REPORT:

This report studies the Indoor Location by Positioning Systems (Indoor LBS) market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Indoor Location by Positioning Systems (Indoor LBS) market by product type and applications/end industries.

In future, the strong demand for Indoor LBS from Offices and Commercial Buildings, Government, Public Safety and Urban Security, Healthcare, Manufacturing, Distribution and Logistics, Oil, Gas and Mining, will drive the global Indoor LBS to develop rapidly in future.

Currently, the global Indoor LBS market are being dominated by few players, like Google, Apple, Aisle411, Wifarer and Microsoft etc. But in the past five years, more and

more players entered the indoor LBS market, most of them are startups. In future, the global indoor LBS market concentration will be higher, and the large enterprises will consolidate their position through mergers & acquisitions. The GPS has widely out of doors, but in it do not perform well indoor, this drive the indoor LBS technology to meet the market demand. Currently, the Wi-Fi and Bluetooth technology are dominating the global Indoor LBS market, due to their low cost and large number of hot spot distribution. As technology advances, the LED Positioning will be likely to be used widely in future.

In the past few years, the indoor LBS market was driven the development of smartphones, and mobile internet. In future, the big data and artificial intelligence, will deeply affect the global indoor LBS market.

End users tend to choose the solutions which are low cost and have good performances. This will drive the change of market and technology, and the market decides the technology.

The global Indoor Location by Positioning Systems (Indoor LBS) market is valued at 480 million USD in 2017 and is expected to reach 4450 million USD by the end of 2023, growing at a CAGR of 44.8% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Indoor Location by Positioning Systems (Indoor LBS).

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Google(US)

Apple(US)

HERE Maps(FI)

Aisle411(US)

Broadcom(US)

IndoorAtals(FI)

Senion(SE)

Acuity Brands(ByteLight)(US)

Wifarer(CA)

Microsoft(US)

Cisco Systems(US)

Skyhook(TruePosition)(US)

Insiteo(US)

Shopkick(US)

Ekahau(US)

Ericsson(SE)

Point Inside(US)

Qualcomm(US)

Zonith(DK)

Navizon/Accuware(US)

Locata Corporation(AU)

Ubisense(UK)

Meridian(US)

Sensewhere(UK)

TRX Systems(US)

Rtmap(CN)

URadio Systems(CN)

Huace Optical-communications(CN)

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Network-Based Positioning System

Independent Positioning System

Hybrid Positioning System

Market Segment by Applications, can be divided into

Offices and Commercial Buildings

Government, Public Safety and Urban Security

Healthcare

Travel and Hospitality

Aviation

Academia and Education

Oil, Gas and Mining

Manufacturing, Distribution and Logistics

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