

# **Global Wi-Fi Market by Business (Model Indoor Wi-Fi, Outdoor Wi-Fi, Transportation Wi-Fi), Product (Access Points, WLAN Controllers, Wireless Hotspot Gateways, Others), Service, Vertical, Region- Global Forecast to 2020**

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## **Abstracts**

The term Wi-Fi is elaborated as Wireless Fidelity. Wi-Fi is the Institute of Electrical and Electronics Engineers (IEEE)'s standard for Wireless Local Area Networks (WLAN). The Wi-Fi Alliance sets the standards of all the wireless products and services in coordination with IEEE. The global Wi-Fi market ecosystem encompasses industry players offering products, services, wireless equipment providers, third-party application vendors, and network integrators. Prominent players in the Wi-Fi market space are Cisco Systems, Inc., Juniper, Alcatel-Lucent, Ruckus Wireless, Ericsson, and Netgear, among others. These companies play a critical role in expanding Wi-Fi connectivity and address the need of strong and mountable network. The evolution of Wi-Fi started in the late 1990s and is still in process. Over time, the IEEE standards have also evolved from 802.11 to 802.11ac. Wi-Fi has increased the speed of wireless connectivity. Still, there are developments and upgradations going on which will offer better efficiency and higher speed to the users.

The report strategically analyzes each sub-market with respect to individual growth trends, future prospects, and contribution to the total Wi-Fi market. The global Wi-Fi market research report also provides detailed information regarding the major factors influencing the growth of the Wi-Fi market (drivers, restraints, opportunities, industry-specific challenges, winning imperatives, and burning issues).

The global Wi-Fi market research report covers three major types of business models, which are indoor, outdoor, and transportation Wi-Fi. The global Wi-Fi market on the

basis of services has been segmented into network planning & design, installation, support, and survey & analysis. As the Wi-Fi products and services developed, they were integrated with applications from various diversified verticals. The verticals which are highly dependent on Wi-Fi services and products are healthcare, education, defense & military, logistics & transportation, and retail & healthcare, among others. The global Wi-Fi market on the basis of regions has been divided into North America, Europe, Asia-Pacific (APAC), Middle East and Africa (MEA), and Latin America.

The market research report analyzes key opportunities by providing critical market data in terms of revenue opportunity, segment growth, regional adoption trends, competitive landscape, venture capital funding, and highlights on emerging solution providers to watch out for.

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## About

Wireless Fidelity or Wi-Fi is a communication technology that enables devices to communicate with each other and with other networks wirelessly. Wi-Fi is a communication protocol based on IEEE 802.11 standard with several specifications being named as 802.11a, 802.11b, 802.11g, 802.11n, and 802.11ac.

Wi-Fi has evolved over the time in terms of increasing number of users that can connect to the network via a single access point and improving data transfer rate between device and network. The world is heading toward a connected environment where all the devices are connected to each other or to a network. The demand for Wi-Fi is increasing as the number of Wi-Fi-enabled smart devices is growing rapidly along with the mobile data consumption by these devices. Even though there are many factors driving the Wi-Fi market, the most common restraint faced in adopting Wi-Fi is the lack of regulation and security over the network.

Enterprises adopt Wi-Fi solutions to reduce their networking costs as well as increase the mobility of their employees and provide easy access to the company's Intranet and Internet on smart devices. Wi-Fi is also very common in residential premises as it helps to connect all the devices, such as smart phone, tablet, television, gaming consoles, and laptops to the same network while maintaining mobility within the range of the access point.

Wi-Fi solutions are being globally adopted for deployment by end users, telecom operators, and enterprises. The major player in the Wi-Fi market are Ericsson, Cisco, Huawei, Aruba Networks, Alcatel-Lucent, HP, Ruckus Wireless, Motorola Solutions, D-Link, and Broadcom.

This report segments the Wi-Fi market into 5 different categories: business models, products, services, industry verticals, and regions. The Wi-Fi market by business models has been segmented into indoor Wi-Fi business model comprising household, enterprise, and commercial buildings; outdoor Wi-Fi business model comprising municipality networks, outdoor hotspots, and private networks; and transportation Wi-Fi model comprising rail networks, in-flight Wi-Fi, and maritime Wi-Fi and roadways. The Wi-Fi market by products has been divided into access points, WLAN controllers, wireless hotspot gateways, and other products, such as repeaters, extenders, and relays. The global Wi-Fi market by services has been segmented into network planning and design, installation, support, and survey and analysis. The Wi-Fi market by verticals

has been segmented into education, healthcare, infrastructure, logistics and transportation, public sector, hospitality, and other industry verticals. The global Wi-Fi report by region has been divided into North America (NA), Europe, Asia-Pacific (APAC), Middle East and Africa (MEA), and Latin America (LA).

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