

# **Global Wireless Mesh Network Market Size study & Forecast, by Radio Frequency (Sub 1 GHz Band, 2.4 GHz Band, 4.9 GHz Band, 5 GHz Band), By Application (Home Networking, Video Surveillance, Disaster Management and Rescue Operations, Medical Device Connectivity, Traffic Management), By End-Use (Education, Government, Healthcare, Hospitality, Mining, Oil & Gas, Transportation & Logistics, Smart Cities and Smart Warehouse, Others) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Wireless Mesh Network Market is valued approximately USD 7.81 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 8.80% over the forecast period 2022-2029. Wireless Mesh Network is a mesh network that is created by connecting wireless access points installed at each network locations. The wireless mesh network employs a network topology that allows each node to communicate and connect with each other. A mesh network is made up of network gateways that connect the entire network to the internet, routers that circulate data throughout the network and access points that connect with people. The Wireless Mesh Network market is expanding because of factors such as increasing uses of IOT Technology and rising uses of smart phones. However, the foremost key factor driving is increasing the uses of IOT technology devices that focus on security the network as the boost the market demand. Moreover, the another key factor driving is rising the uses of smartphones due to increase the market growth over the world.

According to the Statista, the number of IoT connected devices in the year 2021 is USD 11.3 billion and the number of IoT connected devices in the year USD 13.1 billion. Furthermore, the another key factor driving is rising the uses of smartphones. For instances, according to the Statista, in the year 2020, the total number of smartphones user in India was estimated at USD 748 million and as a projection, the number of smartphones users in the country would exceed 1500 million by 2040. The opportunity of Wireless Mesh Network market is growing developed networking technologies due to increase the market demand over the forecast period. The growing developed network technologies among SMES would boost the market growth over the world. However, the concern regarding data security of Wireless Mesh Network stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Wireless Mesh Network Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the dominance of rising the high demand of this network, growing low-power consuming wide area networks and rising the demand of handset devices which is boost the market demand over the world. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising the number of smart cities, increasing government initiatives, increasing demand of IoT technologies device would create lucrative growth prospects for the Wireless Mesh Network market across the Asia Pacific region.

Major market player included in this report are:

Cisco Systems Inc.

Aruba Networks Inc.

Ruckus Wireless Inc.

Strix Wireless Systems Private Ltd

Tropos Networks India Private Limited

Synapse Wireless Inc.

Hewlett Packard Enterprise Development LP

Qorvus Systems Inc.

Firetide Inc.

Fluidmesh Networks LLC

Recent Developments in the Market:

In April 2020, Cisco acquired Fluidmesh Networks to strengthen its wireless solution for the Industrial Internet of Things (IIoT). As a result, the wireless mesh network company's market share will grow.

In December 2020, the Würth Elektronik Business partnered with Wirepas, a well-known

Finish software company, to develop various 2.4GHz wireless mesh network components for large-scale IOT applications.

In September 2019, Dubai's Director of Transportation Systems launched the Tech Cab programme, which provides free Wi-Fi to all taxi passengers. Wireless mesh networking is used in technology to provide network connectivity within vehicles, including tunnels and bridges.

Global Wireless Mesh Network 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 Radio Frequency, Application, End Use, 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 Radio Frequency:

Sub 1 GHz Band

2.4 GHz Band

4.9 GHz Band

5 GHz Band

By Application

Home Networking

Video Surveillance

Disaster Management and Rescue Operations

Medical Device Connectivity

Traffic Management

**By End Use:**

Education  
Government  
Healthcare  
Hospitality  
Mining  
Oil & Gas  
Transportation & Logistics  
Smart Cities and Smart Warehouse  
Others

**By Region:**

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
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Brazil  
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Rest of the World

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