

# Wireless Mesh Network Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Wireless Mesh Network Trends and Forecast

The future of the global wireless mesh network market looks promising with opportunities in the education, government, healthcare, hospitality, mining, oil & gas, transportation & logistics, and smart cities & smart warehouses sectors. The global wireless mesh network market is expected to reach an estimated \$12.3 billion by 2030 with a CAGR of 11.1% from 2024 to 2030. The major drivers for this market are rapid expansion of smart cities, rising adoption of smart connected devices, and growing popularity for work-from-home and remote working policies.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Wireless Mesh Network by Segment

The study includes a forecast for the global wireless mesh network by radio frequency, application, end use industry, technology, and region

Wireless Mesh Network Market by Radio Frequency [Shipment Analysis by Value from 2018 to 2030]:

Sub 1 GHz Band

2.4 GHz Band

4.9 GHz Band

5 GHz Band

Wireless Mesh Network Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Home Networking

Video Surveillance

Disaster Management & Rescue Operations

Medical Device Connectivity

Traffic Management

Wireless Mesh Network Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Education

Government

Healthcare

Hospitality

Mining

Oil & Gas

Transportation & Logistics

Smart Cities & Smart Warehouses

Others

Wireless Mesh Network Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Wireless Mesh Network Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies wireless mesh network companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the wireless mesh network companies profiled in this report include-

Aruba Networks

BelAir Network

Cisco Systems

Firetide

Rajant

Ruckus Wireless

Strix Wireless Systems

Synapse Wireless

Tropos Networks

ZIH

## Wireless Mesh Network Market Insights

Lucintel forecasts that disaster management & rescue operation is expected to witness highest growth over the forecast period due to increasing usage of wireless networks to improve team collaboration and provide access to mobile users with fixed network infrastructure.

Smart cities and warehouse will remain the largest segment due to widespread use of mesh networks in this settings for security and safety purposes.

North America is expected to witness highest growth over the forecast period due to increasing demand for seamless communication in remote areas, growing adoption of smart home equipment among residents, and significant demand for wireless mesh networks in various sectors, such as oil and gas, chemicals, and mining of the region.

## Features of the Global Wireless Mesh Network Market

**Market Size Estimates:** Wireless mesh network market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Wireless mesh network market size by radio frequency, application, end use industry, and region in terms of value (\$B).

**Regional Analysis:** Wireless mesh network market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different radio frequencies, applications, end use industries, and regions for the wireless mesh network market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the wireless mesh network market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q.1 What is the wireless mesh network market size?

Answer: The global wireless mesh network market is expected to reach an estimated \$12.3 billion by 2030.

Q.2 What is the growth forecast for wireless mesh network market?

Answer: The global wireless mesh network market is expected to grow with a CAGR of 11.1% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the wireless mesh network market?

Answer: The major drivers for this market are rapid expansion of smart cities, rising adoption of smart connected devices, and growing popularity for work-from-home and remote working policies.

Q4. What are the major segments for wireless mesh network market?

Answer: The future of the wireless mesh network market looks promising with opportunities in the education, government, healthcare, hospitality, mining, oil & gas, transportation & logistics, and smart cities & smart warehouses sectors.

Q5. Who are the key wireless mesh network market companies?

Answer: Some of the key wireless mesh network companies are as follows:

Aruba Networks

BelAir Network

Cisco Systems

Firetide

Rajant

Ruckus Wireless

Strix Wireless Systems

Synapse Wireless

Tropos Networks

ZIH

Q6. Which wireless mesh network market segment will be the largest in future?

Answer: Lucintel forecasts that disaster management & rescue operation is expected to witness highest growth over the forecast period due to increasing usage of wireless networks to improve team collaboration and provide access to mobile users with fixed network infrastructure.

Q7. In wireless mesh network market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period due to increasing demand for seamless communication in remote areas, growing adoption of smart home equipment among residents, and significant demand for wireless mesh networks in various sectors, such as oil and gas, chemicals, and mining of the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the wireless

mesh network market by radio frequency (sub 1 GHzband, 2.4 GHzband, 4.9 GHzband, and 5 GHzband), application (home networking, video surveillance, disaster management & rescue operations, medical device connectivity, and traffic management), end use industry (education, government, healthcare, hospitality, mining, oil & gas, transportation & logistics, smart cities & smart warehouses, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to wireless mesh network market or related to wireless mesh network companies, wireless mesh network market size, wireless mesh network market share, wireless mesh network market growth, wireless mesh network market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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7.10: ZIH

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