

Mobile and Wireless Backhaul Market Report by Equipment Type (Microwave Equipment, Millimetre Wave Equipment, Sub-6 Ghz Equipment, Testing and Measurement Equipment), Network Topology (Point to Point Configuration (PTP), Point to Multipoint Configuration (PTM)), Services (Network Services, System Integration Services, Professional Services), and Region 2024-2032

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Abstracts

The global mobile and wireless backhaul market size reached US\$ 39.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 96.9 Billion by 2032, exhibiting a growth rate (CAGR) of 10.2% during 2024-2032.

Mobile backhaul (MBH) refers to the process of connecting cell site air interfaces to data centers via wireline and wireless networks. It supports sophisticated network timing, provides high network and fast user speed, and synchronizes operations, administration, maintenance and provisioning (OAMP). On the other hand, wireless backhauls rely on microwave and satellite communication infrastructure to supply internet, voice and video data from nodes to the central network. They are currently gaining immense traction over wireline networks that require large macro sites and add to the overall infrastructure costs.

Owing to the increasing cases of the coronavirus disease (COVID-19), complete lockdowns have been imposed by governments of numerous countries and most individuals are now relying on the internet for work, ordering essentials and entertainment purposes. Consequently, there is a significant rise in network congestion,

which in turn is influencing the demand for mobile and wireless backhaul positively. Apart from this, the introduction of fast long-term evolution (LTE) connections has increased access to mobile data networks. This, along with the rising penetration of wireless communication networks, is bolstering the market growth. Furthermore, several mobile network operators (MNOs) are upgrading their networks to internet protocol (IP) for providing high-performance and integrated voice/data services, which is further stimulating the growth of the market. They are also integrating network functions virtualization (NFV) and software-defined networking (SDN) technologies in backhaul networks to optimize traffic at a lower cost.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global mobile and wireless backhaul market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on equipment type, network topology and services.

Breakup by Equipment Type:

Microwave Equipment

Millimetre Wave Equipment

Sub-6 Ghz Equipment

Testing and Measurement Equipment

Breakup by Network Topology:

Point to Point Configuration (PTP)

Point to Multipoint Configuration (PTM)

Breakup by Services:

Network Services

System Integration Services

Professional Services

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

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being AT&T Inc., Bridgewave Communications Inc. (REMEC Broadband Wireless Networks), Broadcom Corporation (Avago Technologies), Cambridge Broadband Networks Ltd., Cisco Systems Inc., Ericsson AB, Fujitsu Ltd., Huawei Technologies Co. Ltd., Nokia Oyj, Tellabs Inc. (Marlin Equity Partners LLC) and ZTE Corporation, etc.

Key Questions Answered in This Report:

How has the global mobile and wireless backhaul market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global mobile and wireless backhaul market?

What is the breakup of the market based on the equipment type?

What is the breakup of the market based on the network topology?

What is the breakup of the market based on the services?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global mobile and wireless backhaul market and who are the key players?

What is the degree of competition in the industry?

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