

Global WTTx Market Size study & Forecast, by Component (Hardware, Software, Services) By Enterprise Size (Large Enterprises, SMEs) By Frequency Type (1.8 GHz -Sub 6 GHz, 6 GHz - 24 GHz, 24 GHz and Above) and Regional Analysis, 2023-2030

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Abstracts

Global WTTx Market is valued approximately USD 4.9 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 46.4% over the forecast period 2023-2030. WTTx is a wireless broadband technology that uses cellular networks to provide high-speed internet access to customers in areas where wired broadband infrastructure is not available or is inadequate. The WTTx market is expanding because of factors such as growing demand for high-speed internet and increasing demand for wireless broadband service. WTTx involves the deployment of a small cellular base station or access point in a neighborhood or building. The base station provides a wireless signal that customers can access using a special modem or router. Its importance has progressively increased during the last few decades.

According to the Statista, in 2023, Northern Europe has the leading internet penetration rate, with over 97% of its population using the internet, followed by Western Europe, with 93.5%. Overall, the global average internet penetration rate was roughly 64.4%. Furthermore, in 2022 Norway, the United Arab Emirates, and Qatar accounts some of the fastest average mobile internet connections in the world, with each of these countries registering average median speeds more than 120 Mbps. Another important component driving space increase demand for wireless broadband service. As per Statista, in 2021, there are around 6.5 billion active mobile broadband subscriptions worldwide. In addition, the number of wireless broadband subscribers in India was over 792 million in 2021. Also, rising technological advancements in wireless technology and surge in government initiatives to develop smart cities would create a lucrative growth

prospectus for the market over the forecast period. However, harmful impact of wireless transmission stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global WTTx Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing adoption of WTTx solutions across end-user industries, such as telecommunication, healthcare, education, and others. According to the Statista, in 2021, the number of mobile wireless subscriber connections in the United States reached about 499 million connections. Furthermore, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing demand for internet connectivity and growing adoption of digital technologies in the market space.

Major market player included in this report are:

Nokia Corporation,
Samsung Group,
Keysight Technologies,
Telefonaktiebolaget LM Ericsson,
Cohere Technologies,
CommScope,
Airspan Networks Inc.,
Fibocom Wireless Inc.,
Huawei Technologies Co., Ltd.,
Qualcomm Technologies, Inc.

Recent Developments in the Market:

In January 2023, Telecom Egypt and Huawei Technologies have partnered to build the first eco-friendly, integrated solution. In order to deliver mobile networks using environmentally friendly towers built of Fibre Reinforced Polymer with wireless availability. By working together, Telecom Egypt will install this green tower, the best steel alternative given its high carbon dioxide emissions, will be the first operator in Egypt and Africa.

Global WTTx Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered - Component, Enterprise Size, Frequency Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Component

Hardware

Software

Services

By Enterprise Size

Large Enterprises

SMEs

By Frequency Type

1.8 GHz -Sub 6 GHz

6 GHz - 24 GHz

24 GHz and Above

By Region:

North America

U.S.

Canada

Europe

UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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