

LTE Market By Components, (Infrastructure, Terminal Equipment, LTE Testing Equipment, Network Services), By Technology, (LTE FDD, LTE TDD, LTE Advance), Estimation & forecast, 2016 - 2024

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Abstracts

LTE Market Size, Share, Growth, Forecast Overview

The Global LTE Market was valued at \$158.49 billion in 2016, and is projected to reach \$6,746.66 billion by 2024, having a CAGR of 60.3% during the forecast period of 2017 to 2024.

Long Term Evolution (LTE) is a 4G wireless broadband technology which is capable to provide a data speed from 30Mbps to 100 Mbps. LTE supports mixed data, voice, video and messaging traffic. Outside of the US telecommunications market, GSM is the leading mobile standard, with more than 80% of the world's cellphone users. extraordinary data rates, higher capacity, and new levels of user experience are key features offered by LTE technology. Increasing user adoption is one of the prime factor which has brought the need for high-speed mobile broadband internet. According to United States Telecom Association, Wireless broadband in rural areas is expected to grow by 117% by 2026.

MARKET DETERMINANTS

Increased need for higher data transfer rates and adoption of LTE by operators in Asia Pacific are major drivers of the LTE market. Further, need for high quality of services, application of LET in public safety, and greater spectral efficiency determined by large data usage also fuels the market. There were nearly 7.4 million LTE subscriber till 2011 and out of which 1.3 million were out of Asia-Pacific region. However, Asia Pacific is

expected to witness impressive growth during the forecast period. Uneven and limited spectrum and network performance reliability are major restraints of the market. Growth in wireless Infrastructure and rising demand for LTE-enabled devices are expected to offer lucrative opportunities.

SEGMENT ANALYSIS

Global LTE market is segmented by component, by technology, by application, and by geography. By component it is further divided as Infrastructure, Terminal Equipment, LTE testing Equipment, and Network Services. By technology it is categorized as LTE FDD, LTE TDD, and LTE Advance. By application global LTE market is segmented as M2M and Connected Device, Public Safety LTE, VoLTE, Video on demand, Defense & Security, and Others (IP surveillance, browsing, Large enterprises). Geographically, global LTE market is segmented as North America, Europe, Asia-Pacific, and Rest of the World. North America is largest market for LTE and expected to grow further at a CAGR of 50.5%. According to GSMA Ltd. Over 94% of the North America's population would be using 4G technology by the end of 2020.

The VoLTE market is expected to exhibit high growth rate and projected to grow at a CAGR of 62.6% from 2017 to 2024.

Major players of the LTE market are Alcatel-Lucent, AT&T, Inc., Bharti Airtel Ltd., China Mobile Ltd., Huawei Technologies Co. Ltd, LM Ericsson, Nokia Solutions and Networks. B.V., NTT DOCOMO, Inc., Verizon Communication Inc., and Vodafone Group Plc.

Technological upgradation is the key strategy adopted by market leaders to maintain their foothold within market. For example, in December 2014, Verizon started the process of migrating entirely to a 4G network.

GLOBAL LTE market segmentation

By Components

Infrastructure

Terminal Equipment

LTE Testing Equipment

Network Services

By Technology

LTE FDD

LTE TDD

LTE Advance

By application

M2M and Connected Device

Public Safety LTE

VoLTE

Video on Demand

Defense & Security

Others (IP Surveillance, Browsing, Large Enterprises)

By Geography

North America

Europe

Asia-Pacific

Rest of the World

KEY MARKET PLAYERS

LTE Market By Components, (Infrastructure, Terminal Equipment, LTE Testing Equipment, Network Services), By Te...

Alcatel-Lucent

AT&T, Inc.

Bharti Airtel Ltd.

China Mobile Ltd.

Huawei Technologies Co. Ltd

LM Ericsson

Nokia Solutions and Networks. B.V.

NTT DOCOMO, Inc.

Verizon Communication Inc.

Vodafone Group Plc

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