

Global LTE Advanced Pro Market Size study, by Communication Infrastructure (Small Cell, Macro Cell, RAN (Radio access network) Equipment, DAS (Distributed Antenna System)), by Core Network Technology (Software-Defined Networking (SDN), Network Functions Virtualization (NFV)), by Deployment Location (Rural areas, Urban areas, Highways, Public spaces, Residential areas, SME's, Large enterprises, Others) and Regional Forecasts 2020-2027

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Abstracts

Global LTE Advanced Pro Market is valued approximately at USD 15.6 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 121.6% over the forecast period 2020-2027. LTE Advanced Pro (3GPP Release 13+) is the next-generation cellular standard and an augmentation of LTE Advanced network technology. This technology is mainly focused on the higher capacity of network and offers peak data rates such as downlink 3 Gbps and uplink 1.5 Gbps. It establishes the concept of Licensed Assisted Access (LAA), that facilitates the distribution of licensed and unlicensed spectrum. It also includes various new technologies related to 5G, such as massive MIMO, LTE-Unlicensed, 256-QAM (Quadrature Amplitude Modulation), and LTE IoT. Through the incorporation of massive MIMO and other technologies, it allows the development of existing network into establishing 5G standard. Further, LTE Advanced Pro is enlarging LTE to a widespread range of innovative industries, and enabling new facilities ahead of smartphones, such as automotive and IoT, which is paving the higher market growth worldwide. Furthermore, escalating demand for

improved network coverage, reduced latency, and enhanced connectivity, along with the increasing mobile data traffic worldwide due to high penetration of smartphones are the few factors responsible for the high CAGR of the market during the forecast period. As per Statista, the global mobile data traffic is expected to reach 77.5 exabytes per month in 2021, representing an increase from 11.51 exabytes per month in 2017. This, in turn, is expected to strengthen the market growth all over the world. However, the technical uncertainties and capabilities in air interface waveform technology is one of the major factors restraining the market growth over the forecast period of 2020-2027.

The regional analysis of the global LTE Advanced Pro market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the rise in implementation of LTE Advanced Pro applications and services and the presence of a significant number of market vendors in the region. Whereas Asia-Pacific is anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the rise in penetration of smartphone and other smart devices along with the increasing volume of mobile data traffic in developing countries, such as China and India, would create lucrative growth prospects for the LTE Advanced Pro market across the Asia-Pacific region.

Major market player included in this report are:

LM Ericsson

Qualcomm Technologies

Samsung

ZTE Corporation

Intel Corporation

Cavium

Huawei Technologies Co. Ltd.

Cisco Systems, Inc.

Ciena Corporation

NEC Technologies India Private Ltd

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report

shall also incorporate available 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 Communication Infrastructure:

Small Cell

Macro Cell

RAN (Radio access network) Equipment

DAS (Distributed Antenna System)

By Core Network Technology:

Software-Defined Networking (SDN)

Network Functions Virtualization (NFV)

By Deployment Location:

Rural areas

Urban areas

Highways

Public spaces

Residential areas

SME's

Large enterprises

Others

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
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global LTE Advanced Pro Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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