

LTE Advanced Pro Market by Communication Infrastructure (Small Cell, Macro Cell, Ran Equipment, DAS), Core Network Technology (SDN, NFV), Deployment Location (Urban Areas, Public Spaces, Rural Areas, Residential) and Geography - Global Forecast to 2023

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Abstracts

"The LTE Advanced Pro market is expected to grow at a CAGR of 121.6% during the forecast period"

The LTE Advanced Pro market is expected to be worth USD 15.6 million in 2017 and is likely to reach USD 8,017.5 million by 2023, at a CAGR of 121.6% between 2018 and 2023. The growth of the LTE Advanced Pro market is attributed to LTE Advanced Pro delivering higher bitrates in a cost-efficient manner and reduced latency and optimized connectivity. However, a major factor restraining market growth is technical ambiguity in air interface waveform technologies.

"Small cell is expected to hold the largest size of the LTE Advanced Pro market by 2023"

Small cell is expected to hold the largest size of the LTE Advanced Pro market by 2023. Small cells are ideal for use at places where macro antennas cannot reach. Small cells offer new revenue streams to mobile network operators by providing insightful analytics about customers and reducing the total cost of ownership per bit of data carried across the network. The market for small cell is gaining traction due to its attractiveness in terms of economics and easy deployment.



"NFV is expected to grow at the highest CAGR during the forecast period"

The LTE Advanced Pro market for the NFV core network technology is expected to grow at the highest CAGR during the forecast period. The increasing adoption of SDN and NFV technologies by telecom service providers has boosted the overall network capacity potential by delivering flexibility in bandwidth. SDN transforms the network to a more open and programmable framework by implementing a decoupled centralized control layer, which in turn enables the implementation of NFV that optimizes network resources. This reduces network congestion, enhances network capacity (bandwidth requirement), and minimizes cost associated with hardware requirement for network expansion.

"Urban areas held the largest size of the LTE Advanced Pro market based on deployment location in 2017"

The urban area deployment held the largest size of the LTE Advanced Pro market in 2017. Need for enhanced network capacity and coverage is a major driver for the growth of the LTE Advanced Pro market in urban areas. Smart city initiatives and uninterrupted data connectivity services would lead to the increasing demand for the deployment of communication infrastructure such as small cells and DAS in urban areas.

"APAC is expected to hold the largest size of the LTE Advanced Pro market by 2023"

This report segments the LTE Advanced Pro market on the basis of region into North America, Europe, Asia Pacific (APAC), and Rest of the World (RoW). The market in APAC is expected to hold the largest size of the LTE Advanced Pro market by 2023 owing to the urbanization of developing economies and governments and residents of these countries dynamically adopting new technologies. The region has become a global focal point for major investments and business expansion opportunities, and the major growth of wireless infrastructure can be attributed to the growing number of connected devices across the region.

Breakdown of profiles of primary participants:

By Company Type: Tier 1 - 55%, Tier 2 - 35%, and Tier 3 - 10%

By Designation: C- Level Executives – 65%, Directors – 25%, and Others – 10%



By Region: North America – 45%, APAC – 26%, Europe – 22%, and RoW – 7%

The companies profiled in this report are Huawei (China), Ericsson (Sweden), Nokia Networks (Finland), ZTE (China), Samsung Electronics (South Korea), NEC (Japan), Cisco Systems (US), Qualcomm (US), Intel (US), Ciena Corporation (US), Cavium, Inc. (US), and Qorvo, Inc. (US).

Research Coverage:

The report describes the LTE Advanced Pro market and related developments in the market in terms of communication infrastructure, core network technology, and deployment location across different regions. It aims at estimating the market size and future growth potential of this market across different segments such as communication infrastructure, core network technology, and deployment location, and geography. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, recent developments, and key growth strategies.

Reasons to Buy the Report:

This report includes the market statistics pertaining to various segments, along with their respective revenues.

The major drivers, restraints, opportunities, and challenges for the LTE Advanced Pro market have been detailed in this report.

Illustrative segmentation, analysis, and forecast based on communication infrastructure, core network technology, deployment location, and geography have been provided to give an overall view of the LTE Advanced Pro market.

A detailed competitive landscape, which includes key players, in-depth analysis, and revenue of key players, has been provided.



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