

Global Private LTE Market Size study, By Component (Infrastructure, Services), by Technology (FDD, TDD), by Deployment Model (Centralized, Distributed), by Frequency Band (Licensed, Unlicensed, Shared spectrum), by End user (Utilities, Mining, Oil and Gas, Manufacturing, Transportation and Logistics, Government and Public Safety, Healthcare, Others) and Regional Forecasts 2020-2027

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Abstracts

Global Private LTE Market is valued approximately at USD 3.5 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 13.6% over the forecast period 2020-2027.

Private LTE comprises core network servers as well as cell sites to provide a particular entity with an independent cellular network. It allows for unique network demand for mission-critical applications, reducing network latency. Private LTE is desirable for some distributed-enterprise use cases which include airports, oil / gas production, ports, railroads, factories, amusement parks, agriculture, warehouses, smart city components, stadiums, and mines. It can also be used in very remote areas with bad working conditions. Growth in the private LTE sector is due to the rising deployment of private LTE networks by public security agencies. These networks help them to increase understanding of problems, reduce response times and acquire more reliable information. Apart from this, the key players of global Private LTE market have adopted various strategies to gain competitive advantage including product launch, mergers and acquisition, partnerships and agreements, investment, funding and others. For instance, Nokia is scheduled to launch a private 5 G broadband network in the Toyota design center of production, Japan, in June 2020. Nokia partnered with Bharti Airtel in April

2020 to develop LTE technologies for private companies. In June 2020, Ericsson unveiled the general release of new radio applications for Standalone (SA) 5 G with edge cloud networking services. Moreover, emergence of industrial and commercial IoT is expected to create significant growth opportunity in the market over the forecast period. However, frequency bands interference is expected to hinder the market growth.

The regional analysis of global Private LTE market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to Increased LTE adoption to meet demand for low-latency networks within mission-critical communication and industrial IoT applications. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as presence of manufacturing economies that produce automobiles, IT products, and electronic products that would create lucrative growth prospects for the Private LTE market across Asia-Pacific region.

Major market player included in this report are:

Nokia
Ericsson
Huawei
ZTE
NEC
Affirmed Networks
Athonet
Samsung
Redline communications
Airspan

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 Component:

Infrastructure
Services

By Technology:
FREQUENCYDIVISION DUPLEX (FDD)
TIME DIVISION DUPLEX (TDD)

By Deployment Model:

Centralized
Distributed

By Frequency Band:

Licensed
Unlicensed
Shared spectrum

By End user:

Utilities
Mining
Oil and Gas
Manufacturing
Transportation and Logistics
Government and Public Safety
Healthcare
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 Private LTE 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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COMPANIES MENTIONED

Nokia
Ericsson
Huawei
ZTE
NEC
Affirmed Networks
Athonet
Samsung
Redline communications
Airspan

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