

Private LTE Market Size Worth USD 10.77 Bn in 2028, Growing Digitalization Trend in Large Enterprises and SMEs Globally

Private LTE Market Size – USD 4.09 Billion in 2020, Market Growth – at a CAGR of 12.8%, Growing digitalization trend in large enterprises and SMEs globally

NEW YORK, NY, UNITED STATES,
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-- Rising demand for specific and well-defined network capabilities is driving private LTE market revenue growth



Reports And Data

The [global private LTE market](#) size is expected to reach USD 10.77 Billion in 2028 and register a revenue CAGR of 12.8% over the forecast period, according to the latest report by Reports and Data. Major factors driving market revenue growth is rising demand for unique and better-quality network and convergence of 5G and private LTE (Long-Term Evolution).

Rising demand for high-speed wireless network connectivity is driving revenue growth of the global market. Private LTE networks are detached from macro networks and deployed for IoT applications. It also improves network connectivity in critical areas such as healthcare centers, industrial sites, and offshore oil & gas rigs, which require seamless and fast network connection, as well as offers higher bandwidth, better spectrum efficiency, and low latency.

High demand for improved outdoor network coverage in various end-use industries is boosting revenue growth of the market. LTE is a wireless wide-area network technology and can operate at much longer distances from its base stations, while performing better than Wi-Fi. Companies involved in businesses such as mines, shipyard, oil rigs, and RV parks, among others require installation of few small cells to provide wide coverage area. Moreover, private LTE is safer than public connections, which means it is less prone to attack vectors and thus fewer cyberattacks.

COVID-19 pandemic created need for companies to employ work from home model, which resulted in need for secure, faster, and reliable networks. Thus, high demand for private LTE rose significantly during the pandemic due to implementation of lockdown and work from home trend created increasing demand for high-quality and reliable connectivity, which is further

expected to drive market revenue growth.

Major companies profiled in the global market report include Nokia Corporation, Ericsson, Huawei Technologies Co., Ltd., NEC Corporation, Verizon, Cisco Systems, Samsung Electronics, Luminate Wireless, Inc., Future Technologies, and Redline Communications.

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Some Key Highlights from the Report

- In May 2021, Anterix signed a partnership agreement with Motorola Solutions to facilitate private LTE network deployment by utility companies as part of their initiative for electric grid modernization. Anterix's low-band licensed spectrum can offer utility companies the ability to deploy private LTE network platform which can help them evolve to an advanced grid.
- Frequency division duplex segment accounted for a significantly large revenue share in 2020 as it uses different bands for transmitter and receiver sides, thus making it easier to manage symmetric traffic, such as voice applications in broadband wireless networks. Frequency division duplex requires fewer base stations, which results in reduced cost associated with installation and maintenance.
- Revenue from the services segment is expected to grow at a faster rate during the forecast period. These services enable organization to integrate all systems into one unique network. These also allow organizations to connect across all business functions, along with relevant information related to several high-quality services such as intelligent design, operations, and maintenance.
- Government and public safety segment is expected to witness robust revenue CAGR during the forecast period. With introduction of the Internet of Things (IoT) technology and machine learning in various industries and increase in number connected devices, organizations are facing more and more data and network security issues.
- Mining segment accounted for significantly large revenue share in 2020. Mining operations generally face several issues in connectivity because these operations often operate in remote areas with little to no cellular coverage and have complicated conditions and demands, such as extending communications underground.
- Market in North America accounted for largest revenue share in 2020, due to presence of well-established infrastructure, increased adoption of advanced technologies, and rise in demand in various end-use industries, such as mining, utilities, healthcare, and manufacturing. Presence of established market players is also contributing to market revenue growth.

To understand how our Private LTE Market report can bring difference to your business strategy:-<https://www.reportsanddata.com/download-summary-form/1116>

For the purpose of this report, Reports and Data has segmented the global private LTE market based on technology, component, deployment model, end use, and region:

Technology Outlook (Revenue, USD Billion; 2018–2028)

Frequency Division Duplex

Time Division Duplex

Component Outlook (Revenue, USD Billion; 2018–2028)

Services

Consulting

Integration And Deployment

Support And Maintenance

Managed Services

Infrastructure

RAN

Mobile Core Network

Backhaul

Deployment Model Outlook (Revenue, USD Billion; 2018–2028)

Centralized

Distributed

End Use Outlook (Revenue, USD Billion; 2018–2028)

Mining

Energy And Utilities

Manufacturing

Transportation

Defense

Healthcare

Government and Public Safety

Oil and Gas

Others

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Regional Outlook (Revenue, USD Billion; 2018–2028)

North America

Europe

Asia Pacific

Latin America

Key questions answered by the report

- What is the expected CAGR in terms of revenue for the global private LTE market over the forecast period (2021-2028)?
- What was the global private LTE market valued at in 2020?
- Which factors are expected to drive adoption of private LTE?
- Which was the leading segment in the private LTE market on the basis of technology in 2020?
- What are some restraints for growth of the global private LTE market?
- Who are the top players or companies in the private LTE market or industry?

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