

# **Public Safety LTE Market is estimated to be US\$ 31.18 billion by 2030 with a CAGR of 19.80% during the forecast period**

**Public Safety LTE Market** accounted for US\$ 5.2 billion in 2020 and is estimated to be US\$ 31.18 billion by 2030 and is anticipated to register a CAGR of 19.80%. Public safety is one of every government's main obligations, with the overarching purpose of safeguarding residents from risks such as crime and natural catastrophes. The organisations will benefit from the availability of a converged communication network specialised to public safety, such as public safety-LTE (PS-LTE). High dependability, cost-effectiveness, real-time, flexibility, and remote management & zero-touch deployment and configuration are all advantages of LTE for public safety. Commercial LTE, private LTE, and hybrid LTE are the three deployment models available in the Public Safety LTE Market.

**The report "Global Public Safety LTE Market, By Product Type (Private LTE and Commercial LTE and Hybrid LTE), By Applications (Law Enforcement & Border Control, Emergency Medical Services, Firefighting Services, and Disaster Management), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030"**

## **Key Highlights:**

- Hytera's Push-to-Talk over Cellular (PoC) broadband technology received a carrier-integrated mission-critical version in July 2020. Hytera HyTalk MC is an end-to-end solution for mission- and business-critical communications customers that supports 3GPP Mission Critical Push-to-Talk (MCPTT), Mission Critical Data (MCData), and Mission Critical Video (MCVideo) services. Over public or private LTE networks, Hytera HyTalk MC provides instantaneous one-to-many and one-to-one MCPTT, MCData, and MCVideo (together known as MCPTX) services, including individual, group, broadcast, and emergency call, based on 3GPP Release 14 requirements.
- Nokia and Swiss Federal Railways completed a proof-of-concept trial in March 2020 to assist in the definition of radio frequency for the new Future Railway Mobile Communication System (FRMCS) standard. Nokia and SBB tested LTE 1900MHz Time Division Duplex (TDD) radio frequency in the Swiss cantons of Fribourg and Neuchâtel as part of the collaboration. FRMCS, which is set to go into effect in 2025, will provide a slew of benefits to both train operators and passengers. Cost savings can be achieved through maximising the use of existing infrastructure, improving safety and security, and improving the performance and dependability of the rail network.

## **Analyst View:**

Public Safety LTE Market is projected to be driven by proximity services enablement. Proximity services are a set of unique features used in the public safety spectrum for specific public safety applications. One such function is when one mobile device acts as a relay for another, allowing access to network services outside of the typical coverage area. Even if the contacting mobiles are out of range for direct connection, one mobile works as a relay point between two other mobiles, allowing communication without the need of the mobile network.

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**Key Market Insights from the report:**

Global Public Safety LTE Market accounted for US\$ 5.2 billion in 2020 and is estimated to be US\$ 31.18 billion by 2030 and is anticipated to register a CAGR of 19.80%. The global public safety LTE market report segments the market on the basis of product type, application, and region.

- Based on Product Type, Global Public Safety LTE Market is segmented into Private LTE and Commercial LTE and Hybrid LTE.
- Based on Application, Global Public Safety LTE Market is segmented into Law Enforcement & Border Control, Emergency Medical Services, Firefighting Services, and Disaster Management.
- By Region, the Global Public Safety LTE Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

#### **Competitive Landscape & their strategies of Global Public Safety LTE Market:**

The key players operating in the public safety LTE market are General Dynamics Corp., Airbus SE, Motorola Solutions, Inc., Cobham plc, Nokia Corp., Bittium Oyj, Samsung Electronics Co., Ltd., Cisco Systems, Inc., Ericsson, Inc. and AT&T, Inc.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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