

Terrestrial Trunked Radio (TETRA) Market to Expand at CAGR of 11.97%; Public Safety Application Segment Upsurge Demand

Terrestrial Trunked Radio (TETRA) Market to clock a healthy 11.97% CAGR from 2017 to 2025, will reach a valuation of US\$12,166.7 mn by the end of 2025

ALBANY , NY, US, January 18, 2022 /EINPresswire.com/ -- A fresh market intelligence study by Transparency Market Research (TMR) detects the global [terrestrial trunked radio market](#) is largely a concentrated one with key market share held by a few dominant players that operate globally as well in regional markets. In a highly competitive business landscape, prominent companies are striving to stay ahead by providing differentiator services such as in public safety and critical communication spaces. This is also helping these companies to expand their geographical outreach. For instance, in May 2017, Hytera Communications acquired Sepura Group Plc. to expand their services in the European region.

Key players that operate in the global TETRA market include Motorola Solutions, ROHILL Engineering B.V., Damm Cellular Systems A/S, Airbus Defense and Space Oy, Rolta India Limited, Simoco Wireless Solutions, Cobham plc, JVC KENWOOD Corporation, Hytera Communications, and Leonardo among others. As per the TMR report, the global TETRA market is likely to expand at a healthy 11.97% CAGR during the forecast period from 2017 to 2025. At this pace, the market will become worth US\$12,166.7 mn by the end of 2025.

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The application segments of the global TETRA market include transportation and logistics, aviation, oil & gas, public safety, and others. Of them, the public safety segment is anticipated to



account for the leading revenue contribution to the overall market over the forecast period. Among the key component types, hardware is likely to occupy for the leading 43.9% revenue contribution to the TETRA market by 2025. Geography-wise, Asia Pacific TETRA market is a significant one mainly due to the adoption of TETRA in a host of service areas.

Foolproof Communication Needs of Public Safety Agencies Boosts Adoption

First and foremost, the rising need to provide foolproof mission-control critical communication system for [homeland security](#) of nations is primarily driving the TETRA market. Further, the need to serve communication needs of various public safety agencies such as fire department, police, utility companies, and other services is also stoking the market's growth. These agencies handle critical information that needs to be transmitted in a timely manner.

TETRA is a set of standards developed by the European Telecommunications Standardization Institute. The standard is developed to serve the mobile radio needs of various public safety agencies that handle critical data.

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Need for Secure Communication Drives Deployment at Global Public Spectacles

Further, several governments in the world are deploying TETRA network for mission critical communication needs. For example, in 2015, the office of the public security secretary in Rio de Janeiro engaged a company called Teltronic to provide secure communications for the 2016 Rio Olympics. As per the contract, Teltronic provided TETRA network provided TETRA network across the region to be connected with approximately 18,000 police radios.

In addition, TETRA has been deployed to provide secure foolproof communication for many global events. For example, in February 2017, Hytera bagged the contract for deploying TETRA systems for mobile radio needs of 2017 FIFA Confederation Cup. The increasing use of TETRA radios and base stations is also acting in favor of TETRA market. For example, in October 2017, Airbus S.A.S deployed TETRA base station for improved radio communication by a public telecommunication company based in Middle East.

The review presented is based on the findings of a TMR report, titled "Terrestrial Trunked Radio (TETRA) Market (Application - Transportation & Logistics, Aviation, Oil & Gas, and Public Safety; Component - Hardware, Software, and Services; Device Type - Portable and Vehicular) - Global Industry Analysis, Size, Share, Growth, Trends and Forecast 2017 - 2025."

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Terrestrial Trunked Radio (TETRA) Market to Witness Notable Growth from Increasing Application in Clinical Administrations

The increasing adoption of advanced communication systems for homeland security worldwide is a key factor boosting the global terrestrial trunked radio market. Terrestrial trunked radios have the capacity to move information rapidly when contrasted with the portable interchanges prior is additionally boosting their interest. Terrestrial trunked radio is a private, advanced portable radio technology, discovering its application in clinical, transport, security, and fire administrations. As all correspondences by means of terrestrial trunked radio are private and secure, they are progressively being embraced. As sellers working in the terrestrial trunked radio market are investing every one of their amounts of energy towards understanding a safe, solid, and effective specialized technique in order to satisfy the necessities of purchasers, the market is seeing a development.

The market is driven by factors such as the progress of radio specialized gadgets from simple to computerized and developing utilization of portable radio interchanges in the transportation business. Terrestrial trunked radio innovation offers remarkable highlights to versatile correspondence, by joining the highlights of portable mobile phones with quick information correspondence and the workgroup abilities of PMR.

Furthermore, the developing interest for crucial interchanges and increasing utilization of portable radio correspondences in the transportation business could prompt huge freedoms for this market sooner rather than later. TETRA is the biggest land versatile radio norm, has great range productivity, and remarkable basic correspondence highlights—like security, short hit set-up time, voice calls include set, and fast information administrations on direct mode and site trunking. Its selection is filling in existing and potential market portions, like public security and business applications.

The rising need to foolproof mission-control basic correspondence framework for country security of countries is basically driving the TETRA market. Further, the need to serve correspondence needs of different public wellbeing offices, for example, local group of fire-fighters, police, service organizations, and different administrations is likewise stirring up the market's development. These organizations handle basic data that are likely to create lucrative growth opportunities in the coming years.

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