







# Tactical Communication Market Size to Expand Robustly During Forecast Period By 2032aa

## Market Overview

Tactical communication systems are specialized tools designed to support mission-critical operations in defense environments. These systems facilitate reliable voice, video, and data transmission across various echelons of military command structures, ensuring uninterrupted secure communication even in hostile conditions.

According to the research report, the global [tactical communication market](#) was valued at USD 13,219.0 million in 2022 and is expected to reach USD 21,731.6 million by 2032, to grow at a CAGR of 5.1% during the forecast period.

## Market Segmentation

The tactical communication market can be segmented based on platform, type, technology, and application.

### 1. By Platform

- Airborne
- Naval
- Ground-based
- Space-based

Ground-based platforms dominate the segment due to the high volume of troops and vehicles requiring portable field communication systems. However, airborne and naval platforms are gaining ground due to modernization programs in air forces and navies.

### 2. By Type

- Soldier Radios
- Manpack Radios
- Vehicular Intercoms
- Satellite Communication Systems (SATCOM)
- Headsets

Manpack and soldier radios lead the market, offering mobility and flexibility in combat zones. SATCOM is also witnessing increased adoption for long-range secure communication, particularly in joint and coalition operations.

### 3. By Technology

- VHF/UHF
- HF Communication
- Satellite-based Communication
- Data Link Systems

The move toward software-defined radio (SDR) and IP-based military networks is transforming tactical communication systems, enhancing bandwidth, scalability, and encryption capabilities.

### 4. By Application

- Command and Control
- Situational Awareness
- Combat Mission Support
- Border Security
- Emergency Response

Command and control remains the dominant application, enabling rapid decision-making and real-time coordination across multiple units and operational levels.

Browse Full Insights:

<https://www.polarismarketresearch.com/industry-analysis/tactical-communication-market>

## Key Market Growth Drivers

### 1. Increased Global Defense Spending

With rising geopolitical instability and modernization initiatives, global defense budgets are experiencing a steady rise. According to SIPRI, global military expenditure reached over USD 2.24 trillion in 2024, creating new procurement opportunities for tactical communication equipment across multiple forces.

### 2. Modernization of Military Infrastructure

Legacy systems are increasingly being replaced by digital, encrypted, and interoperable solutions. The shift toward network-centric warfare requires robust military networks that support real-time intelligence and battlefield mobility.

### 3. Emergence of Asymmetric and Hybrid Warfare

