

Defense Communication Industry: Focus on Tactical Radio Segment

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Abstracts

The global market for tactical radios is strong and expected to show substantial growth in the coming years. Factors that have contributed to the massive rise in demand for tactical radios are increased wars and terrorist threats that have created a need to equip the armed forces with modern radios. The US led wars in Afghanistan and Iraq have amply demonstrated the significance of communication and information technologies for the success of military campaigns. Further, armed forces of major countries are now slowly absorbing more and more technology in the process of modernization of their defense equipments. Most of the country's defense forces have started investing heavily in modernizing their communications networks by adopting several new technologies.

Secondly, the schedule and performance problems associated with the next-generation radio program, Joint Tactical Radio System (JTRS) has driven a need for legacy radios to fill the gap.

Legacy tactical radios include handheld radios, manpack radios, airborne radios, ground radios and maritime radios. In addition there are software embedded radio systems like SINCGARS (Single channel ground and airborne systems) that has contributed to the expansion of core tactical radio segment. These tactical radios also face certain technological challenges such as jamming and security problems. COMSEC AND TRANSEC are upgraded systems that keep communications secure.

Although there are a number of companies that are engaged in the manufacturing of tactical radios, Harris Corporation enjoys a clear leadership with 42% market share in the year 2008 followed by ITT Communication, Thales communication, Tadiran, Raytheon, Rhode and Schwarz and Selex.

The report focuses on various aspects of the tactical radio market, an important segment of the defense communication industry. It analyzes the market size and growth of the tactical radio segment, its key growth drivers, opportunities and challenges. Further, it highlights strategies of top global tactical radio players including Harris Corporation, ITT Communication and Thales Communication.

In addition, we have predicted the future growth of global dental market by combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings. We employed various significant variables that have an impact on this industry and created regression models with SPSS to determine the future direction of the industry.

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