

Defense Communication - Tactical Radio Segment - 2011 Edition

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Abstracts

The global market for tactical radios represents a small part of defense equipment industry. The tactical radio market has seen a significant growth over time and it is expected to grow further in coming years. Though in 2010 the industry declined but it is expected to pick up again as the global economy recovers completely from the downturn. Seeing the growth potential in defense equipment market, the players have increased and will be further increasing the capacities in coming years.

Factors like frequent wars and terrorist attacks coupled with threats have made major contribution to the massive rise in the demand for tactical radios globally and have forced governments to equip their armed forces with modern radios. In addition, major countries are empowering their armed forces to adapt advanced technologies and revamp their defense equipments. It is believed that the majority of countries are making significant investments in modernizing the communications networks of their armed forces by adopting new technologies.

North America is the primary market for tactical radios. Europe is second largest market after North America, representing the fastest growing market for tactical radios. The global tactical radio industry is now looking towards Asia, Middle East and Africa as a major growth engine. The Asian tactical radio market is growing at a significant growth rate. With the growing military spending and increasing defense budget funding, this region provides ample growth opportunities for the players.

In addition, 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. Further, there are software

embedded radio systems, like SINCGARS (Single channel ground and airborne systems), which have contributed to the expansion of core tactical radio segment. These radios are faced with certain technological challenges, like jamming and security problems.

The report offers an analysis of the global tactical radio market. It also discusses major market trends, growth drivers and challenges for tactical radio market. Among the major players that operate in the market for tactical radios, Harris Corporation enjoys a clear leadership, followed by ITT Communication, Thales communication, Tadiran, Raytheon, Rhode and Schwarz and Selex.

Further, we have predicted the future growth of the global tactical radio market size 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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