



Integrated radio communication with LTE Tactical Technology

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Abstract

This article is an overview of the convergence of current public security communications networks operating as LMRs and LTE-based broadband public safety networks operating in the 700MHz band. Operational and security forces are familiar with the LMR and consider it to be a reliable technology with widespread coverage everywhere. Therefore, the LMR is expected to be present alongside any LTE-based broadband security network. The convergence of LMR and broadband networks allows for the creation of a homogeneous system where each bandwidth and bandwidth retain their respective benefits. This means more and faster service. Exactly what is needed. LTE and LMR have been merged to provide a robust and scalable solution for integration. Recent LTE releases (Release15) address the issue of LMR-LTE interoperability. In this article, we will introduce LTE Tactical technology, which is an LTE-based private network that can be a good replacement for the LMR radio network or even critical to the organization's existing radio systems in critical situations.

CV

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Paper 1: Manpack Transmitter or Mini Portable HD COFDM in mouj Magazine

Paper2: presented at the 14th Media Technology Summit on Digital Radio

Communication with DMR Technology