# MissionCritical Communications, Radio Resource International, and Public Safety Report - wireless voice and data communications for mobile, remote and public safety operations

**Alcatel-Lucent Goes Live on Federal 700 MHz LTE Demo Network (10/25/10)**

Alcatel-Lucent is the first technology partner to go live on the 700 MHz Long Term Evolution (LTE) emergency communications demonstration network in Boulder, Colo., managed by the federal Public Safety Communications Research (PSCR) program established by the Department of Commerce.

"We had the first call on the system last week," said Derek Orr, PSCR program manager. "Other companies are exploring the cooperative research and development agreement (CRADA) process, but we have no other signed companies at this time."

Public-safety groups have endorsed the LTE standard as the broadband technology agencies across the country will transition to. Alcatel-Lucent was the first public safety technology partner to formally join the PSCR demonstration project in September and provided a complete end-to-end LTE solution.
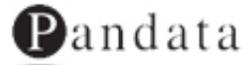
"Here in the Boulder area, we will provide a common field environment for manufacturers, carriers, and public-safety agencies to test and evaluate advanced broadband communications equipment and software tailored specifically to the needs of emergency first responders," Orr said.

A PSCR stakeholders meeting in December will focus on the progress and future plans of the 700 MHz demonstration network.

Earlier this month, Alcatel-Lucent in cooperation with the Alexandria (Va.) Police Department conducted a live demonstration of data capabilities for first responders using the public-safety broadband spectrum. The demonstration was the first live application of public-safety broadband radio spectrum in the United States. In September, the vendor completed the first LTE data call in band 14, the specific frequencies earmarked for public-safety broadband and the D block.

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