

Extending Radio Reach

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Extending Radio Reach

Radio systems have a defined range based on several factors including technology, frequency and geographic topology to name just a few. These radio systems cost incredible amounts of money to install, configure and, most of all, maintain. In fact, it's not uncommon to see customers spend upwards of tens of millions of dollars on antennas, repeaters and other hardware to expand their radio systems. Further, these radio systems can typically only talk to other radios of like model and frequency and to Dispatch consoles.

Radio systems should not be thought of as fixed systems with a confined area; they can reach much further.

What if you could extend radio reach using existing infrastructure and a standards-based approach? Extending radio reach could mean bringing your radio transmissions to different parts of the region or it could mean bringing these transmissions to other devices such as PC's, phones, PDA's and, most importantly, disparate radio frequencies and technologies. Regardless of what radio reach extension means to you, there are platforms available today to support your needs.

WAVE is a Unified Group Communications platform that allows customers to take their existing radio assets and extend their reach to just about anywhere. For years WAVE has been providing the ability to bridge radio frequencies together at the scene of an incident or when new technology is being brought in to replace old technology. Fork-lift upgrades can't happen overnight and customers need to run the new and old systems side-by-side for awhile.

WAVE bridges new and old technologies, extends existing radios to new geographic areas and disparate devices.

With WAVE software now available, customers can take advantage of a standards-based approach to extend the reach of radio systems.

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