



XetaWave Delivered on a Contract for the US Military for Training *Technology Deployed Uses XetaWave's Innovative Multi-Speed TDMA Protocol*

LOUISVILLE, CO May 9, 2017 / -- XetaWave, a Colorado-based wireless technology provider, today announced that it has delivered on a contract for the US Military based on its Xeta9m OEM RF radio module that incorporates its new, high speed Time Division Multiple Access (TDMA). The Xeta9m is a high speed 900 MHz dual band ISM/MAS radio offered in a small footprint, 2.0" x 1.5" and 24 grams, that is specifically designed for military and training applications.

The Xeta9m automatically optimizes parameters across three axes - power output, channel size and modulation. This dynamic modulation allows for data transfer rates from 9.6 kbps to 3.5 Mbps, power output from 10mW to 5W, and channel sizing from 6.25 kHz to 1.5 MHz. The Xeta9m selectively switches modulation schemes to ensure required throughput given available channel sizes and environmental noise. Based on its patent pending Dual Decode Digital Architecture™, XetaWave's technology platform offers performance second to none in the commercial market today.

XetaWave has developed an innovative version of Time Division Multiple Access (TDMA) - Multi-Speed TDMA (data sheet). As with all TDMA schemes it enables the enforcement of timing schedules based on the movement of data. Unlike most TDMA schemes, XetaWave allows a *single* radio to have multiple logical data channels with different speeds. This allows for the prioritization/trade off of reliability versus speed such that higher reliability -> longer distance -> less speed; whereas faster data transfer -> less distance -> less reliability. A single XetaWave radio can combine a channel with command and control data at 115 Kbps for long range communication with another channel for high speed complex modulations to support local video. This same radio module allows data and audio both ways, if needed.

Additional features of XetaWave's Multi-Speed TDMA:

- Multi-thousand player support for soldier training systems
- GPS, RF, or Master supplied sync or a combination
- No forced frame casings
- Each RF block is programmable for transmit, receive, idle, sleep and acknowledgement
- One to a few command and control points with many video/data points
- Offered on all XetaWave radios, multiple frequencies and form factors (enclosed, board level, module).

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XetaWave is the only provider within the industry offering “Multi-Speed” TDMA, and is also the only known supplier featuring 225MHz to 380MHz within a *single* module.

XetaWave is exhibiting at AUVSI XPONENTIAL, Booth #1541, in Dallas May 9-11, 2017.

About XetaWave

Founded in 2010, XetaWave is a leading provider of the industry’s most advanced, high performing, cost effective platform of software defined radios across multiple bands to meet the worldwide application needs of industries such as oil and gas, water and wastewater, electric power, railroads, and the military. The current platform of XetaWave radios includes Xeta9 (900 MHz) dual band ISM/MAS, Xeta9-XX Double X (902-960 MHz) offering speeds up to 8.8 Mbps, Xeta1 (100 MHz), Xeta2 (200 MHz), Xeta4 (400 MHz), Xeta7 (700 MHz), Xeta14 (1.4 GHz), Xeta24 (2.4 GHz), Ethernet and Serial IO and a Data Concentrator. XetaPAK is XetaWave’s advanced smart battery. All XetaWave radios and batteries are 100% designed, manufactured, and tested in-house at its headquarters in Louisville, Colorado. For more information, visit www.xetawave.com or call 303-447-2745.

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