



Full Spectrum Launches Private Mobile Broadband Network in Washington DC

WASHINGTON, DC; September 9th, 2010--Full Spectrum, a leading developer of advanced wireless equipment for mission critical organizations including utilities and public safety agencies, announced today the immediate availability of its private, mobile broadband data system in the metropolitan Washington DC area. Capacity on the network is available to organizations with a need for fixed or mobile data on an exclusive or shared basis. Additionally, Full Spectrum can supply frequencies for purchase with its equipment for mission critical entities that need complete network control.

“The demand for products such as ours is increasing at a dramatic rate,” said Full Spectrum CEO Stewart Kantor. “We are working with utilities and public safety agencies throughout the world on the deployment of private mission critical mobile and fixed data networks.”

“We have substantial interest from utilities for mission critical smart grid applications and the ability to transmit private mobile data to their crews in the field,” said Kantor. “Utilities need network access during emergencies and power outages when public wireless networks, such as AT&T, Verizon or Sprint, are overtaxed or unavailable. These public wireless networks are experiencing greater and greater congestion because of dramatically increased smart phone use including real-time audio and video streaming,” stated Kantor. “Utilities that use public networks are experiencing the effects of ‘congestive data collapse’ for even routine functions such as the collection of smart metering data. During weather or public safety emergencies this inability to communicate becomes a major failure.”

Full Spectrum’s FullMAX software defined radios are the only commercial radios capable of working in any frequency below 1 GHz. “Licensed low band frequencies are the best frequencies for private wide area mobile networks,” stated Kantor. “Our technology is 1/20th of the cost to deploy compared to standard 4th generation mobile wireless data networks. We use low frequencies at high transmit power. A single base station is capable of covering up to 1,250 square miles versus approximately 12 square miles with other technologies.” Full Spectrum controls the 218-219 MHz band today in the Washington DC metropolitan area and has access to other frequencies from the secondary markets.

Kantor cited the immediate need for secure, private networks for public safety agencies, such as police and fire. “Unfortunately, since 9/11, attention has been wrongly placed on using a specific frequency band with a specific hardware technology.” This is under the guise of “interoperability,” according to Kantor. “But the bottom line is that the actual frequency band used and the physical hardware device are irrelevant in a world based on Internet Protocol. In the same way it is irrelevant whether someone uses an Android or iPhone across different commercial networks. The ‘interoperability’ debate has simply been eclipsed by advances in technology such as ours that are both less expensive and easier to deploy.”

About Full Spectrum Inc:

Full Spectrum designs, develops and manufacturers licensed broadband wireless equipment for mission critical industries. Full Spectrum's FullMAX™ Broadband Wireless Platform is the first end-to-end private wireless system based on the Mobile WiMAX standard (802.16e-2005) for all Sub 1 GHz frequencies. FullMAX offers maximum wide area mobile and fixed wireless coverage with minimal infrastructure with data rates up to 10 Mbps. For more information please visit: www.fullspectrumnet.com.

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