

Motorola Unveils Revolutionary WiMAX Chipset for Handheld Devices

September 25 2007

A global leader in WiMAX solutions, Motorola Inc. today announced it will be showcasing its mobile WiMAX chipset modem solution at WiMAX World USA.

The chipset is part of Motorola's new "controlled application centric architecture" that will efficiently support 3G and 4G mobile devices. Uniquely designed to deliver ultra-high-speed functionality through thin devices, this WiMAX chipset modem solution is optimized for both size and low power consumption to further connect consumers around the globe with mobile wireless broadband.

Motorola's new WiMAX chipset modem enables mobile WiMAX for a variety of new experiences through voice and data-centric devices with a chipset solution that surpasses existing 3G technology:

- Cost - The 4G feature-rich implementation accelerates migration to 4G networks from existing 3G technologies in a cost effective solution.
- Size – The fully integrated memory enables a small footprint suitable for development of revolutionary form factors.
- Speed – DSL or cable-like speeds open up mobile broadband business models for carriers.
- Power – More efficient power consumption as compared to existing 3G technology, powers the true wireless internet to a consumer's hand.

The new WiMAX chipset modem solution is scheduled to debut in Motorola's line-up of WiMAX mobile devices beginning in 2008 for

various carriers around the world, including Sprint's Xohm business unit. This solution supports Motorola's ongoing commitment to delivering WiMAX end-to-end solutions and specifically, to the development of the eco-system of devices enabled with WiMAX.

"The introduction of the WiMAX chipset modem solution marks yet another significant milestone in Motorola's end-to-end WiMAX solutions portfolio, allowing users to enjoy a superior Mobile Internet experience," said Gary Koerper, vice president Platform Planning and Systems Architecture, Motorola. "With this chipset, Motorola has been able to redefine what is possible for WiMAX mobile devices, enabling a wider portfolio of devices, from voice-centric handsets to multimedia terminals."

Motorola's new modem solution, consisting of a baseband modem and radio reference solution, has been tested with Motorola's own market-leading WiMAX infrastructure solutions, and the core modem technology has been verified with infrastructure equipment from other leading vendors. The modem is designed for WiMAX 802.16e Wave 1.0 and 2.0 compliance, supporting advanced MIMO matrix A and B antenna configurations.

Source: Motorola

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