# Samsung Shows off 330 Mbps Mobile WiMAX Demonstrating Full-HD 3D Video Service over WiMAX 2

Samsung Electronics Co. Ltd. recently revealed its progress in shaping the future of Mobile WiMAX at CEATEC JAPAN 2010, in Tokyo, Japan. With Samsung's developed WiMAX 2 trial system, UQ Communications demonstrated WiMAX 2 based on IEEE 802.16m with a speed of 330 Mbps.

UQ Communications and Samsung are showing Full-HD 3D videos and 16 Full-HD videos on 4 LFD (Large Format Display) TVs at the same time using its WiMAX 2 trial systems and device. To do this, Samsung's commercial Mobile WiMAX base station is used which is currently deployed and operated by major Mobile WiMAX operators around the world.

Mr. Akio Nozaka, President of UQ Communications, said, "It is expected that the demands for Wireless Broadband will exponentially grow. In this regard, the recognition of real worth of Mobile WiMAX, a true 4G technology, will increase not only in Japan but also around the world." "Through this demonstration, we aim to show the excellences of new world by Mobile WiMAX, in cooperation with Samsung." he added.

"Technology never stops evolving. As the demand for data bandwidth and speed grows exponentially, technology has needed to respond. Mobile WiMAX opened up the era of Mobile broadband and is already component of many optimized solutions." said Mr. Woonsub Kim, Executive Vice President and Head of the Telecommunication Systems Business of Samsung Electronics.

"We strongly believe WiMAX 2 will deliver even richer communication services to customers while unlocking a potential opportunity for service providers. Through the collaborations with our partners in the WiMAX ecosystem, Samsung has devoted its efforts to developing the most advanced solutions at the right time so that customers can maximize the benefits of using Mobile WiMAX." he added.

WiMAX 2 based on IEEE 802.16m standard enables more efficient, faster, and more converged data communications. WiMAX 2 provides strong integration compatibility with deployed Mobile WiMAX solutions. It also allows current Mobile WiMAX operators to migrate their solutions to WiMAX 2 by upgrading channel cards or their system software. In addition, the subscribers who currently use Mobile WiMAX devices can communicate with new WiMAX 2 systems without difficulty.

WiMAX 2 standards are expected to be finalized by November 2010. Samsung is seeking to take the lead in its rapid commercialization and deployment and show itself to be a leading system and device provider for Mobile WiMAX. Samsung plans to introduce the first commercial solutions of WiMAX 2 in the end of 2011.

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