

Nokia and Intel Collaborate on WiMAX Broadband Wireless Technology

June 10 2005

Nokia and Intel today announced a cooperation to accelerate the development, adoption and deployment of [WiMAX](#) technology, helping to bring new capabilities and data services to mobile users over high-speed broadband networks.

The companies will collaborate on several areas in support of mobile WiMAX technology (IEEE 802.16e) including mobile clients, network infrastructure and market development. For mobile devices and notebook platforms, Intel and Nokia will work closely to identify and deliver the unique power and performance requirements of the technology, and will work on base station strategies to help deploy a WiMAX network infrastructure that will provide adequate and reliable coverage.

In addition, the companies will engage in market development efforts to demonstrate to service providers and the industry how WiMAX can enhance data service capabilities of the network while complementing existing 3G networks. Lastly, Nokia and Intel will work together to ensure successful finalization of the 802.16e standard in IEEE and related specification work in the WiMAX Forum.

"Nokia's end-to-end multiradio strategy covers many wireless technologies optimized for uses from local connectivity and fast data transport, to broadcasting technologies and full mobility of voice and data," said Tero Ojanperä, Senior Vice President and Chief Strategy Officer, Nokia. " WiMAX will be an important technology

complementing 3GPP and 3GPP2 technologies. It will also create new opportunities for the consumer and enterprise markets."

"Broadband technologies - of all types - represent an enormous opportunity for businesses and individuals around the world," said Sean Maloney, executive vice president and general manager of Intel's Mobility Group. "Even though we and the industry as a whole are at the early stages of discovery and development, the industry momentum is remarkable. To have innovators like Nokia working to bring WiMAX and other broadband wireless technologies to the masses is very encouraging."

Nokia and Intel are members of the WiMAX forum, which is an industry-led non-profit corporation formed to promote and certify compatibility and interoperability of broadband wireless products. WiMAX, which stands for Worldwide Interoperability for Microwave Access, is a standards-based wireless technology that provides high-throughput broadband connections over long distances. WiMAX can be used for a number of applications, including "last mile" broadband connections, hotspots and high-speed enterprise connectivity for business.

WiMAX IEEE 802.16e version, which is expected to be standardized later this year, will offer increased portability of broadband Internet access.

Citation: Nokia and Intel Collaborate on WiMAX Broadband Wireless Technology (2005, June 10) retrieved 24 April 2024 from <https://phys.org/news/2005-06-nokia-intel-collaborate-wimax-broadband.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.