



Wavion Wireless Networks Introduces the World's First Beamforming 802.11n Outdoor Wi-Fi Gear

WBSn Product Family Combines Two-way Beamforming, 802.11n and 3x3:3 MIMO to Lower Mobile Data Offload CAPEX and OPEX by 50 Percent

Yoqne'am, Israel, June 13, 2011 – Wavion™, a global leader in outdoor Wi-Fi solutions for mobile operators, governments and enterprises, today announced the WBSn (Wavion Base Station based on 802.11n standard) product family, the world's first Wi-Fi system to deliver Gigabit capacity and 450 Mbps speeds in outdoors. The WBSn family was designed specifically for mobile operators that need to offload mobile data traffic from their congested networks and for service providers that target challenging metro and campus environments. It combines spatially adaptive two-way Beamforming technology, the IEEE 802.11n standard, and the latest 3x3:3 Multiple Input Multiple Output (MIMO) with three spatial data streams technology to deliver the highest range and capacity of any outdoor Wi-Fi system on the market today. WBSn further supports SIM based authentication, accounting and a built-in Access Controller, intended to enable seamless user authentication and easy service provisioning integration.

Mobile operators interested in leveraging Wi-Fi technology for mobile data offload now have a system that requires 50 percent less capital and operating expenditures than competing systems while still delivering a superior customer experience for their mobile subscribers. Interested parties can get more detail on Wavion's WBSn product family here: www.wavionnetworks.com.

"Even with 4G technologies, today's wireless access networks cannot keep pace with the explosive growth in mobile data traffic," said Daryl Schoolar, Principal Analyst at Current Analysis. "As a result, we are seeing the emergence of a new Carrier Wi-Fi market, as many operators are turning to this ubiquitous and cost effective technology to offload mobile data traffic. This enables them to deliver an improved customer experience – a critical differentiator in today's competitive wireless market at a fraction of the cost of alternative technologies."

To achieve its performance, Wavion's carrier-grade WBSn family uses spatially adaptive two-way Beamforming and 3x3:3 MIMO in conjunction with High Gain Diversely Polarized (HGDP) antenna array technology and the company's powerful Interference Immunity Suite. The Interference Immunity Suite includes a series of capabilities unique to Wavion that provide significant signal robustness in challenging outdoor environments. As a result, unlike more conventional equipment, the WBSn family does not require costly high towers and can be easily installed on cellular towers, poles and roof-tops and yet provides the widest and most homogenous Non-Line-of-Sight (NLOS) coverage and the deepest indoor signal penetration.

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The WBSn product family provides an end-to-end solution that includes: Access, Backhaul, CPEs, Management and Service Provision tools, all optimized for seamless integration in mobile carriers' existing networks.

"As the consolidation of 3G/4G and Wi-Fi technologies has already happened in the mobile handheld devices, it is poised to happen also in the mobile carriers' access

infrastructure. Wavion has been focused for more than a decade on developing and delivering superior carrier grade Wi-Fi systems and has numerous large scale Wi-Fi deployments with 1st tier carriers and ISPs in more than 70 countries around the globe," said Tal Meirzon, Wavion's CEO. "This extensive experience, unique technology and outstanding technical innovation made the development of the WBSn family possible. For mobile operators that need Wi-Fi to complement their offering and compete effectively, there is no better solution on the market today."

About Wavion

Wavion is a technology leader in outdoor Wi-Fi applications for metro and rural areas with deployments in more than 70 countries. The company's two-way digital Beamforming and powerful Interference Immunity Suite are the first and only technology to resolve the significant performance, penetration and profitability challenges facing large-scale metro and rural deployments. Featuring Wavion Base Stations with 802.11n (WBSn) in 2.4 GHz and 5 GHz unlicensed bands and in 700MHz licensed band, Wavion offers end-to-end solutions including access, backhaul, CPEs, management and service provisioning tools. Wavion is privately held and backed by Tel Aviv-based investors Elron Electronic Industries Ltd. and BRM Capital. Wavion's headquarters are located in Yoqne'am Israel, with worldwide offices in US, Brazil, Mexico, Colombia, India, China, Philippines, Singapore, South Korea, Africa and Russia.

Additional information about Wavion is available at www.wavionnetworks.com

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