



Wavion Introduces Market First 5.8 GHz Beamforming Base Stations

The Expanded Wavion Product Portfolio Delivers Best-of-Breed Access and Backhaul Solutions in the 2.4 GHz and 5.8 GHz Unlicensed Bands.

Yoqne'am, Israel, January 28, 2009 — Wavion™, a company transforming the Metro and Rural Wi-Fi market with a new category of Wi-Fi Base Station, today announced the release of an expanded Base Station product portfolio. The company released a new omni-directional base station in the 5.8 GHz band, and 2 sector base stations in the 2.4GHz band and 5.8 GHz band.



Wavion Base Station 2400, 5800



Wavion Sector Base Station 2400, 5800



Tal Meirzon
CEO

"With these new additions to our portfolio, Wavion is able to significantly extend our addressable market and provide our customers with a complete solution that meets their needs"

"Our powerful, carrier-grade base stations provide operators with the most cost effective solution in the market today in both 2.4 GHz and 5.8 GHz bands, and provide them with considerable CAPEX and OPEX savings"

The new WBS-5800 Base Station, operating in the 5.8 GHz band provides the same exceptional characteristics as the WBS-2400.

It is based on Wavion's spatially adaptive beamforming technology, and leverages six radios using an array of six omni-directional antennas.

The WBS-5800 provides extended range, superior non-line-of-sight coverage, high throughput and robust connectivity to any off-the-shelf standard 802.11a based CPE.

Moreover, its enhanced interference resilience capability is critical in the current and growing level of congestion in the 5.8 GHz band.

Wavion is also introducing two Sector Base Stations, WBS-2400 Sector in the 2.4 GHz band and WBS-5800 Sector in the 5.8 GHz band.

Both Sector Base Stations are based on Wavion's unique and powerful spatially adaptive beamforming technology, leveraging three radios using an array of three directional antennas covering a 120 degrees sector.

Wavion Sector Base Stations can be deployed in a stand-alone configuration covering a 120 degrees sector or in a similar configuration to cellular deployment with 3 co-located sectors covering 360 degrees.

The latter configuration offers 3 times higher capacity in a given area.

The Sector Base Stations, which are based on Wavion beamforming technology, offer performance gains in terms of range, throughput and Non-Line-of-Sight coverage.

They offer better interference resilience due to the sector antennas.

With unobtrusive, compact form factor and simple installation mechanism Wavion Sector Base Stations offer "plug and play" deployment.



WBS-2400 Sector - Typical Application

The newly introduced base stations portfolio enables addition of backhaul capabilities to Wavion solutions.

The Base Stations, enables both access and backhaul through their self-backhaul capabilities.

Moreover, they also enable a powerful dual frequency a combined solution where the 2.4 GHz base stations provide the access and the 5.8 GHz the backhaul.

"With these new additions to our portfolio, Wavion is able to significantly extend our addressable market and provide our customers with a complete solution that meets their needs", said Tal Meirzon Wavion's CEO.

"Our powerful, carrier-grade base stations provide operators with the most cost effective solution in the market today in both 2.4 GHz and 5.8 GHz bands, and provide them with considerable CAPEX and OPEX savings".

About Wavion

Wavion Wireless Networks is transforming the unlicensed broadband wireless access market with powerful solutions based on beamforming technology.

Wavion provides end-to-end solutions including access, backhaul, CPEs, NMS, service provisioning and billing.

With superior coverage and greater capacity, Wavion's solutions enable service providers, communities and enterprises to deliver high quality service for urban and rural applications while reducing CAPEX and OPEX by more than 50%.

Wavion is privately held and backed by world-class investors including Tel Aviv-based Elron Electronic Industries Ltd. (NASDAQ: ELRN), and BRM Capital.

Wavion headquarters are located in Yoqne'am, Israel and the company has offices in San Jose, California US, San Paulo, Brazil, Buenos Aires, Argentina, Moscow, Russia and New Delhi, India. To learn more, please visit Wavion at <http://www.wavionnetworks.com>.

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