

# Motorola's Cost-Effective Wireless Ethernet Bridge Enables Connectivity Almost Anywhere

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Motorola today announced its new Wireless Ethernet Bridge – the PTP 300 Series. This solution provides enterprises and government agencies with carrier class connectivity while offering a strong return on investment compared with alternatives.

Connecting with up to 99.999 percent reliability, the PTP 300 performs in challenging geographical and extreme environmental conditions including urban areas, hills, over water, and desert terrain.

These wireless bridges can cover a line-of-sight distance of up to 155 miles, with near-line-of-sight and non-line-of-sight (NLOS) ranges of up to 25 miles and 6 miles respectively. Operating in the 5.4 and 5.8 GHz bands at data rates up to 25 Mbps, the PTP 300, which is part of Motorola's Wireless Broadband portfolio, also boasts the highest spectral efficiency and system gain for radios in its class. In addition, customer and channel partners can use the new next-generation radio frequency (RF) planning tool – PTP LINKPlanner – to determine link viability and optimization in challenging environments prior to purchase.

“Technologies previously only found in high-end NLOS solutions are now available in the new cost effective and economical PTP 300 platform,” said Shaukat Ahmed Reshi, CEO of SAR Telecom. “The new PTP 300 platform offers performance, features and reliability unmatched by any product in its class. It introduces high-end technology

in a cost effective entry level solution enabling solution providers and operators a carrier grade product that makes business sense.”

The PTP 300 cost-effectively supports a variety of demanding applications including: multimedia – voice, video and data; IP gaming; distance learning and telemedicine; disaster recovery and events; wide area network backhaul; and fixed and wireless link backup.

The combination of Multiple-Input-Multiple-Output (MIMO) and intelligent Orthogonal Frequency Division Multiplexing (i-OFDM) also enable the PTP 300 to support backhaul from multiple access points to a point-of-presence and building-to-building and campus connectivity.

“The PTP 300 enables organizations to connect virtually anywhere,” said Robert Baker, general manager of the Point-to-Point Product Group, Motorola. “Combining the same award-winning MIMO and i-OFDM technology will further enable organizations to enjoy carrier class wireless connectivity cost-effectively versus the more costly options such as leased lines, fiber or microwave links.”

Source: Motorola

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