



Motorola Launches PTP Wireless Bridges For Challenging Environments

New [PTP 500 Series](#) of wireless Ethernet bridges deliver high-performance, cost-effective, midrange throughput for non-line-of-sight connectivity

LAS VEGAS, NV (Interop, Booth #1051) – 28 April, 2008 – Motorola, Inc. (NYSE: MOT) today announced the addition of the [PTP 500 Series](#) of Wireless Ethernet Bridges to its portfolio of MOTOWi4™ Fixed Point-to-Point (PTP) solutions. The PTP 500 Series is ideal for deployments that require secure, high-performance backhaul or broadband connectivity and deliver carrier grade availability in obstructed, long-distance and harsh weather environments. Operating in the 5.4 and 5.8 GHz bands at Ethernet data rates up to 105 Mbps and distances up to 155 miles (250 km), the PTP 500 solutions give network operators and service providers reliable, midrange throughput for non-line-of-sight (NLOS) connectivity at an attractive price point.

The PTP 500 Series leverages the same PTP technology that recently earned Motorola the 2008 Queen's Award for Enterprise in International Trade. By delivering 105 Mbps of aggregate throughput, the 500 Series provides data rates between those currently available with Motorola's PTP 400 and PTP 600 Series further enhancing the portfolio to meet the growing demands being placed on networks today. The PTP 500 series delivers up to 99.999% availability in virtually any environment, including NLOS, long-distance line-of-sight (LOS), over water or open terrain and in extreme weather conditions.

"Our customers want access to specific wireless broadband applications and we want to be able to address all of their throughput requirements cost-effectively," said Dustin Jurman, president, Rapid Systems, a wireless service provider and integrator. "We are excited to see the PTP 500 Series filling a void in the market by providing a new option at the right price to deliver a rapid ROI."

In addition to the PTP 500 series, a new Motorola PTP LINKPlanner tool is now available to help operators determine link performance prior to purchase, based on specific path characteristics such as geography, distance and transmit power. The new PTP LINKPlanner, the next generation of the Motorola Link Estimator tool, allows network operators to configure single and multiple links simultaneously by providing a comprehensive overview of the entire network via Google Earth enabling the full optimization of a wireless network. The PTP LINKPlanner currently performs path calculations on the PTP 500 series radios and the upcoming enhanced version will allow link estimations on the 400 and 600 Series of Motorola fixed point-to-point bridges as well.

"Offering service providers and network operators a complete portfolio of wireless broadband solutions and planning tools ensures that they can deploy the right network to meet specific user requirements, regardless of weather conditions or RF environments," said Robert Baker, general manager, Point-to-Point, Motorola. "The PTP 500 Series of bridges are designed to reliably support building-to-building connectivity, voiceover-IP, video surveillance, telemedicine, disaster recovery, emergency services and high-speed backhaul."

The unmatched robustness and high-performance of the 500 Series comes from a unique and rich feature set, which includes Multiple-Input Multiple-Output (MIMO), *Intelligent* Orthogonal Frequency Division Multiplexing (*i*-OFDM), Advanced Spectrum Management and Adaptive Modulation.

Availability of the PTP 500 Series in the 5.4 GHz band is pending FCC certification in the United States.

The PTP 500 Series is part of the wi4 Fixed family of broadband solutions, part of the MOTOWi4 portfolio of solutions for public and private networks. The PTP 500 Series provides seamless integration with Motorola's wi4 Fixed PTP 400 and PTP 600 Series Wireless Ethernet Bridges as well as other MOTOWi4 solutions including wi4 Fixed PMP, wi4 WIMAX, wi4 Mesh and wi4 Indoor.

About Motorola

Motorola is known around the world for innovation in communications. The company develops technologies, products and services that make mobile experiences possible. Our portfolio includes communications infrastructure, enterprise mobility solutions, digital set-tops, cable modems, mobile devices and Bluetooth accessories. Motorola is committed to delivering next generation communication solutions to people, businesses and governments. A Fortune 100 company with global presence and impact, Motorola had sales of US \$36.6 billion in 2007. For more information about our company, our people and our innovations, please visit <http://www.motorola.com>.

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