



Motorola

The MOTOwi4 Portfolio of Wireless Broadband Solutions

Indoor and Outdoor Connectivity

MOTOwi4™ is a broad portfolio of complementary solutions and services that deliver and extend coverage. Motorola understands that one size does not fit all, and offers the MOTOwi4 solutions to provide a choice for broadband access needs allowing enterprises, service providers, and governments to build the networks that meet their business needs.

wi4 WiMAX

High-performing, standards-based licensed solutions supporting fixed, portable and mobile applications powered by the most advanced telecommunications technologies available including S-OFDMA, all IP architecture, MIMO & Smart Antennas.

wi4 Fixed

Proven, cost-effective licensed and unlicensed high-speed connections and powerful bridging and back-hauling capabilities, in even the most challenging of environments, which are easy to deploy, demonstrate strong ROI, and offer superior performance.

Motorola's fixed broadband solutions include the point-to-point (PTP) wireless Ethernet bridges and the point-to-multipoint (PMP) Expedience® and Canopy® wireless broadband solutions.

PTP is an ideal technology for developing, enhancing and extending broadband networks and services in both the licensed and unlicensed spectrum. Reliable in both line-of-sight (LOS) and non-line-of-sight (NLOS) configurations and used in thousands of networks today, PTP makes delivery of connectivity much faster and less expensive.

PMP Canopy® broadband networks are used today by more than 3,000 operators in more than 120 countries. Canopy is a reliable, scalable platform that supports high-speed broadband applications using proven unlicensed spectrum.

PMP Expedience® solutions are licensed OFDM-based mature and proven wireless broadband access platforms that offer carriers robust, indoor non-line-of-sight (NLOS) coverage and scalability from rural to dense urban environments. Today, these systems serve communities in more than 45 countries.

wi4 Mesh

Innovative, scalable fixed and mobile IP-based wireless solutions that deliver high-speed, area-wide coverage for municipalities and large enterprises using WiFi and Public Safety frequency bands for public and private access. Motorola now has deployed more than 15,000 mesh nodes deployed globally.

wi4 Indoor

Reliable, simple and scalable fixed and mobile technologies that deliver robust widespread coverage in any environment and transforms communications across diverse verticals. Wi4 Indoor includes wireless local area networking (WLAN) and broadband over powerline (BPL) technologies.

WLAN provides wireless broadband connectivity to bring true enterprise mobility. These solutions are used in nearly 100,000 enterprise networks worldwide today.

BPL provides high-speed broadband connections within multi-dwelling and multi-tenant buildings using the existing electric grid.

Making the World One Never-Ending Hot Spot

Motorola's MOTOwi4 customers want to share, connect and communicate anywhere and everywhere from the heart of the city to the ends of the earth. And they want more than voice – they want high-speed interactivity to deliver robust user experiences for data-heavy, mega-multimedia applications.

The MOTOwi4 portfolio enables service providers to deliver a wide range of flexible, interoperable, cost-effective, high-speed broadband options to fit their networks and business models and fulfill their public and private customers' wants and needs. The MOTOwi4 portfolio includes WiMAX, fixed, mesh, and indoor solutions which complement each other or serve as stand-alone technologies.

Key Benefits

Enterprises

- Improve productivity by freeing more time to do more on the move
- Reduce T1/E1 leased line costs – recurring monthly charges
- Provide new opportunities for customer interaction
- Maximize IT investment and provides inside and outside solutions for access and distribution

Service Providers

- Enable growth in new geographies
- Expand services offering to include broadband
- Reduce the need of capital expenditures for deployments; speed to revenue
- Lower total cost of ownership
- Drive adoption of new services and create new revenue-building opportunities

Governments

- Provide critical interoperability for first responders: improving safety, response time and effectiveness
- Deliver critical data to the decision maker in the field for on-the-spot crime prevention or resolution
- Facilitate rapid, coordinated response to critical incidents or disasters
- Help local governments stay connected with citizens and streamline the flow of vital services

For more information on MOTOWi4 solutions, visit
www.motorola.com/motowi4



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