

Consisting of an all-outdoor, single sector base station and multiple subscriber configurations (integrated antenna or N-Connector for external antenna), the Tsunami MP.16 family offers the most scalable, best value WiMAX certified system for the 3.5 GHz frequency band. Like all Proxim products, the MP.16 3500 continues to offer a comprehensive feature set to future-proof wireless networks.

- Housed in a ruggedized enclosure, the 3500 can be deployed in extreme weather conditions
- Frequency support for 3.5 GHz band
- Advanced revenue-enhancing features are standard – including flexible bandwidth provisioning for DSL, T1 or Ethernet-like tiered services

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#### Scalable Networks

Proxim Wireless delivers a more scalable approach to system deployment, beginning with entry-level single-sector base stations and growing into six-sector macro base stations with GPS synchronization; this approach lowers the barrier to deploy WiMAX systems and enables a wider variety of service providers to use this technology, from rural providers requiring less dense configurations to metropolitan providers who need to support more nodes at closer range.

We are the only vendor in the world who can enable a truly scalable broadband wireless network. Only Proxim delivers a complete portfolio of additional technologies designed to augment WiMAX; Proxim also offers in-building enterprise Wi-Fi solutions, as well as Wi-Fi mesh for the outdoor edge of a network, connecting to WiMAX for infrastructure and even wireless Gigabit for backhaul.

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#### Experienced in WiMAX Applications

Drawing on Proxim's leadership in the point-to-multipoint arena, the 3500 products have been developed as platforms to leverage these applications. By leveraging the established Tsunami MP.11 product line, Proxim can evolve its expertise in serving the Service Provider markets with a product that is certified by the WiMAX forum.

- Leveraging existing software features, mechanical designs and customer channels poise Proxim Wireless to effectively address the WiMAX markets such as:
  - Cost-effective last mile access
  - Security and surveillance
  - Metropolitan networks
- Investment protection through common concept of network design and software feature sets, which includes rich management capabilities, most advanced encryption with AES and authentication via RADIUS, antenna alignment utility, and revenue-enhancing services with bandwidth control\*

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#### Advanced Security Protects Privacy

Multiple security mechanisms protect operator, residential customer and enterprise privacy.

- Weatherized enclosure allows co-location on rooftops – limiting physical access
- Advanced encryption protects over-the-air transmission\*
- Client authentication with X.509 certificates\*
- Password protection of all remote management methods
- Easy integration with existing RADIUS systems for subscriber provisioning\*

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#### Designed for Fast Installation and Lower Maintenance Cost

The 3500 incorporates hardware and software features that reduce labor costs associated with initial deployment and post-sales maintenance.

- Provides consistent deployment & user experience to Tsunami MP.11 product via an easy-to-use graphical interface
- Single UV-shielded CAT5 cable carries power and data
- Decrease Subscriber Unit configuration time with integrated and vertical/horizontal polarized antennas
- Eliminate guess work in locating the remote antennas with audible tone\* and real-time signal strength measurements
- Support for both local and remote management, removing the need for expensive on-site supports

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#### Intel Rosedale™-based Solution Guarantees Interoperability

- End-to-end Intel based solution ensures maximum WiMAX compatibility



\*Requires v2.0 software upgrade

