



Product Overview

August 2009


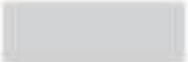
A Decade of Wireless Broadband Leadership.

Product Strategy

Standards	IEEE 802.16-2004; IEEE 802.16-2005
Frequency	2.x GHz, 3.x GHz, 5.x GHz
Base Stations	Macro, Micro
Subscriber Units	Outdoor, Indoor, PC Card, USB Dongle
Radios	SISO, MIMO
Management	Element Managing System

WiMAX Bands

	2.3- 2.4 GHz	2.5- 2.7 GHz	2.7- 2.9 GHz	3.3-3.4 GHz	3.4-3.6 GHz	3.65-3.7 GHz	3.6-3.8 GHz	4.9-5.0 GHz	5.1-5.3 GHz	5.4-5.7 GHz	5.7-5.9 GHz
PM 5000											
PM 4000											
PM 3000											
PM 120											
PM 320											
PM 400											
PM 500											
PM 600											

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PacketMAX: A Decade of Wireless Broadband Leadership

We start with



Then add

+

Patented Link Management

+

Quality of Service

+

Advanced Networking Features

+

Carrier-Grade Features

+

Provisioning & Management

+

Solution Flexibility

The result:

PacketMAX®

**A Decade of Wireless
Broadband Leadership**

PacketMAX Base Stations




PM 3000



PM 5000



PM 4000

Description	Micro 1U Stackable	Macro 5U ATCA Chassis	Micro 2U Stackable
Indoor Unit	Single Sector	1 to 12 Sectors	1 to 4 Sectors
Bands	2.3-2.7 GHz 3.3-3.8 GHz, 5.15-5.925 GHz		2.3-2.4 GHz 2.5-2.7 GHz 3.3-3.8 GHz
WiMAX Standards	16d		16e
Management	Common Element Management System 		

PacketMAX Subscriber Units

Mobile WiMAX and Advanced Services

- Outdoor Gateway
- Indoor Gateway



Mobile WiMAX PC Adapters

- USB dongle
- PC, PC Express

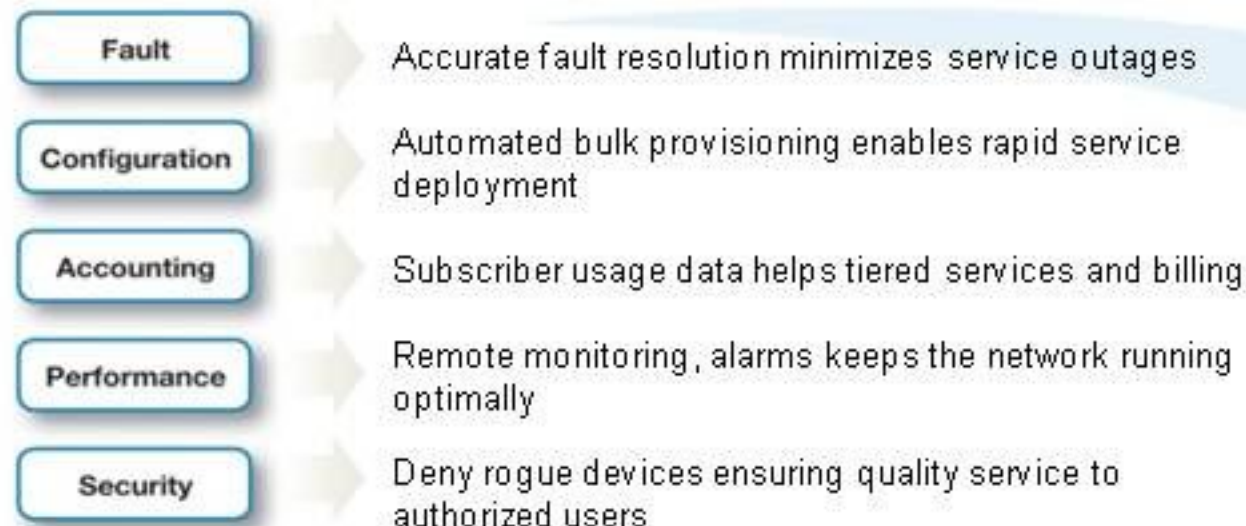


Fixed WiMAX Outdoor Gateways

- Consumer / SoHo
- Business / Enterprise



Network and Service Management



- Aperto **WaveCenter EMS Pro** – one platform for managing both 16d and 16e elements
- Use existing business and operational support systems for service provisioning and management
- Scalable platform and full FCAPS functionality to extract the maximum potential of PacketMAX

Aperto: Your WiMAX Partner

- **Proven global deployments**
- **Industry leadership**
- **Technology & solution superiority**
- **Comprehensive support services**