

The Solution to Manage PacketMAX 2000 and 115

The PacketMAX 2000 pico Base Station and the PacketMAX 115 Subscriber Station are managed by this affordable and comprehensive element management system



WaveCenter AirSync

AirSync is a network optimization platform that brings together the key functions of element, network, service and business performance management for multi-vendor, multi-technology, and multi-frequency wireless networks in a single robust and scalable system.

Combining all four layers of management in a single system gives the network operator the flexibility and agility to dynamically change service provisioning based on the state of the underlying network elements or changes to the operator's network access policy – something that would require manual interaction with multiple independent systems without AirSync.

AirSync provides fine-grained control over services on a user-by-user basis which allows operators to include differentiated service offerings in their portfolio resulting in improved user experience and increased ARPU.

Aperto's AirConsole™ graphical network visualization application is built on Microsoft®.NET™ technology providing a flexible, extensible environment from which operators from small WISPs and SMBs to multinational enterprises and carriers can monitor and manage their networks.

■ ■ KEY FEATURES

- Network Element and Service Status
- Configuration Management
- Performance Management
- Software/Firmware Management
- WiMAX and Wi-Fi Fusion
- Geographical Mapping
- Advanced Topology Views

■ ■ Typical Applications

- Carriers can economically manage service offerings with high bandwidth and lower cost to the end user.
- QoS enabled wireless services for enterprise voice and data.
- Underserved and rural areas, campus networks, convention centers, ports, mines, and oil-rigs or wherever reliable voice, video, and data connectivity is required.



WaveCenter AirSync System Specifications

Supported Hardware Platforms

- : PacketMAX 2000
- : PacketMAX 115

Fault Management

- : Device status identification
- : Link Status Monitoring

Network Visualization

- : Graphical visualization of management network: maps and diagrams
- : Ability to collapse/expand network nodes on the diagram
- : Presentation of unknown CPEs
- : Automatic (with onboard GPS) or manual positioning of devices

Performance Monitoring

- : Network parameters' statistics: throughput and modulation
- : Up to 12 months of data
- : Physical, Data, and Network layer parameters

Configuration Management

- : Auto-discovery of supported equipment
- : Remote software upgrade
- : Configuration of device and radio parameters
- : Offline element configuration
- : Group operations

Provisioning

- : Maximum/minimum throughput, latency, and priority
- : Access control
- : A priori service provisioning
- : Multicast services

■ ■ About Aperto Networks

Aperto Networks helps leading service providers deliver affordable wireless voice and broadband profitably by building the world's most advanced WiMAX base stations and subscriber units. Aperto fundamentally changes the economics of delivering voice and broadband services through IP-rich, point-to-point and point-to-multipoint networks, allowing carriers to offer a wider variety of services to more customers using less equipment. Its carrier-class WiMAX technology offers industry-leading subscriber density, quality of service, ease of use and reliability. Aperto is a founding board member of the WiMAX Forum as well as a founder and lead contributor to IEEE 802.16 and the ETSI-BRAN standards. Serving more than 400 customers in over 90 countries, Aperto Networks is based in Milpitas, California. For more information on Aperto Networks, go to www.apertonet.com.

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