

WBSn

Carrier-grade Wi-Fi solutions

WBSn enables mobile operators, governments and enterprises to deliver high quality Wi-Fi solutions in metro and rural areas, with significantly fewer base stations, and much lower costs.

- Carrier-grade IP-68, designed to provide a high standard of reliability, quality of service, security and manageability
- Gigabit outdoor Wi-Fi support up to 450 Mbps, (per band) 900 Mbps for both bands, and maximum aggregated capacity of up to one Gigabit per unit
- Full end to end Wi-Fi package, including extended outdoor AP, indoor AP and controller
- Rich embedded networking with fully integrated Access Controller, for flexible service planning
- Environmentally friendly with low power consumption
- Quick ROI with fewer sites required per covered area

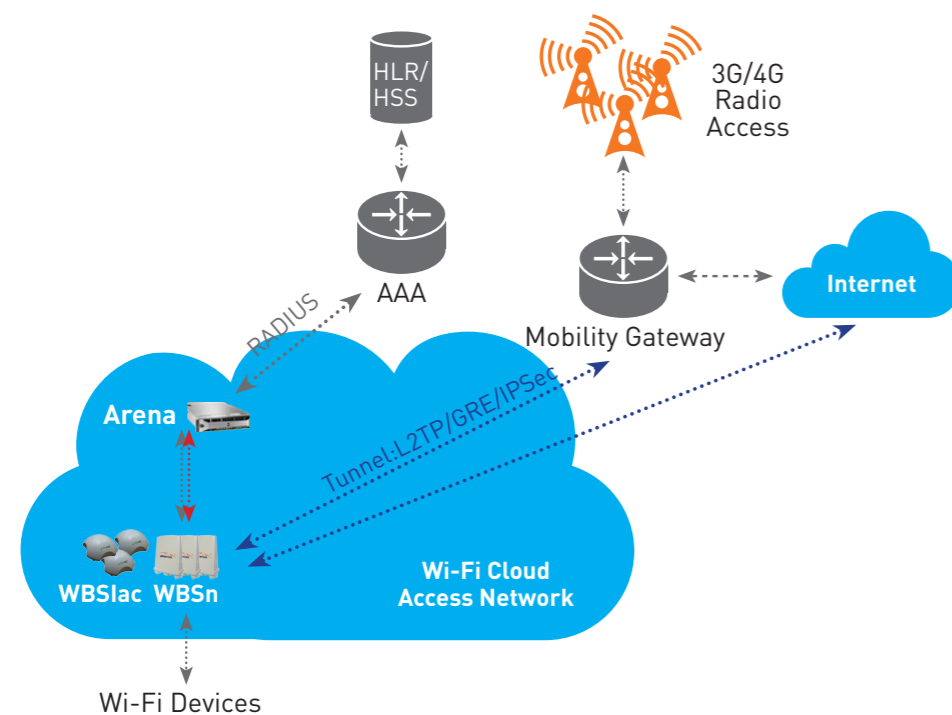


WBSlac

Carrier-grade Wi-Fi solutions

WBSlac AP is a high-performance 802.11ac and 802.11abgn indoor access, enables mobile operators, business and enterprises to deliver high capacity & high quality Wi-Fi solutions for indoor environment.

- Multiple radios provide concurrent 802.11a/n/ac and 802.11b/g/n connections with no degradation in performance
- Part of a full end to end Wi-Fi package, including extended outdoor AP and controller
- Up to 867 Mbps combined data rate
- Dual concurrent MIMO, Dual-polarized antennas selected dynamically to deliver better reception for hard to hear clients
- Self-configuring, plug-and-play deployment
- Low profile design blends well into an office environment
- Centralized visibility, managed and controlled by Arena
- Smart MESH supported
- Hotspots/Hotzones and cellular offloading services



Arena controller

Powerful Wi-Fi Cloud Controller

Arena controller is an essential element for constructing large scale carrier Wi-Fi networks for hotspot/hotzones and cellular offloading services.

- Cost effective and scalable network architecture with centralized control plane and distributed data plane
- Supporting up to 5000 AP's and 50,000 users per controller
- Control and manage AP and backhaul radio, including statistic and reporting
- Fast deployment, easy to use and manage
- Automatic AP units detection, configuration and firmware distribution
- Secured control layer management
- Hotspots/Hotzones and cellular offloading services
- Providing a single peer to the AAA
- Advance Network features



BreezeACCESS® VL

Powerful PtMP solution

Flexible and field proven Point-to-Multipoint (PtMP) solution providing broadband wireless outdoor connectivity for a variety of applications in urban and rural deployments. Offers a carrier-class outdoor link with enhanced security and capacity as well as top QoS for data, voice and video services.



- Premium 4.9 GHz and 5.x GHz PtMP solution
- Scalable channel bandwidth supporting 10, 20 & 40 MHz
- Scalable license-based pay-as-you-grow configurations
- Wide range of subscriber units supporting various applications
- QoS for data, voice and video applications
- Coverage range of up to 30 km with near/None-Line-of-Sight (NLOS)
- Video surveillance special features enabled by Uplink / Downlink configuration
- Enabling up to 512 subscribers per sector
- Enhanced Security certification FIPS140-2

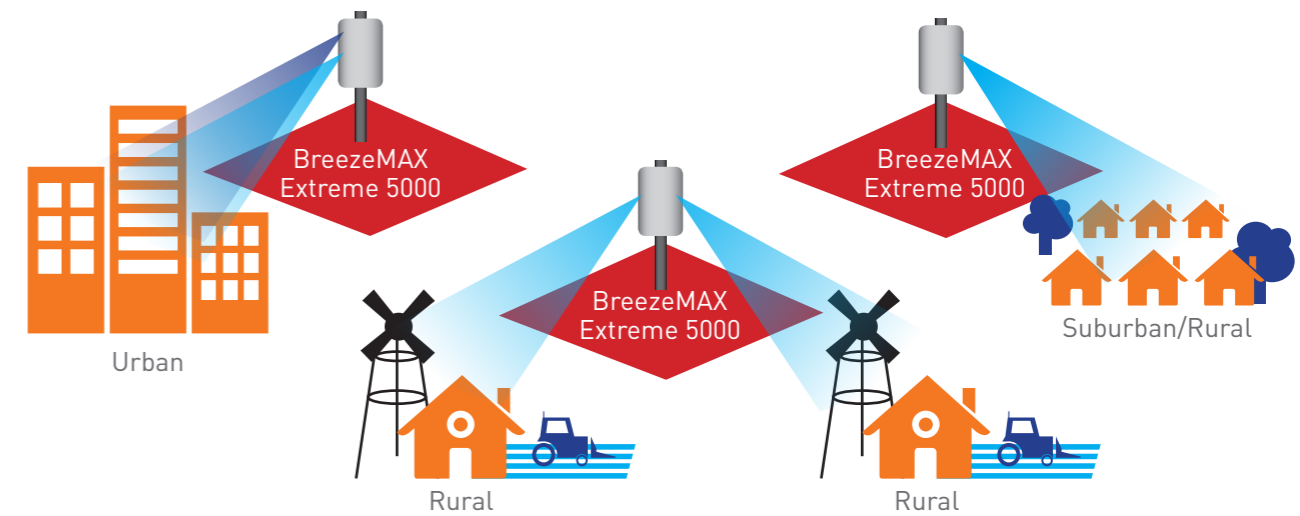


BreezeMAX® Extreme

All-in-One, All Outdoor

BreezeMAX Extreme brings carrier class WiMAX 16e technology to the license-exempt market providing Quality of Service and enhanced coverage and capacity for Point-to-Multipoint applications.

- Carrier-class WiMAX 16e Point to Multipoint solution
- Frequencies: 4.9 and 5.x GHz
- Enhanced Access Sector Capacity
- Proportional service adjustment of CPEs with poor links
- Flexible configuration options to maximize sector capacity
- Quick ROI and reduced TCO with all-in-one, single platform
- ASN gateway
- Dual sector support
- Powerful interference for increased coverage and capacity
- DFS and dynamic channel selection
- Optimal NLOS and interference resilience
- Integrated spectrum analyzer



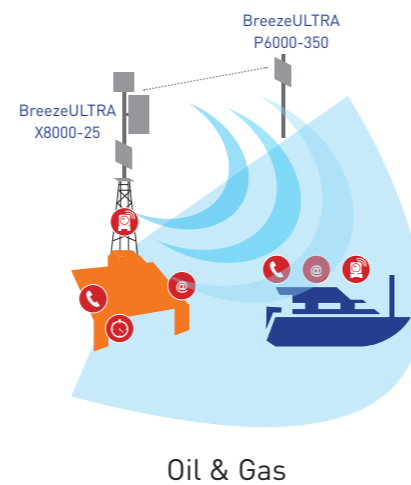
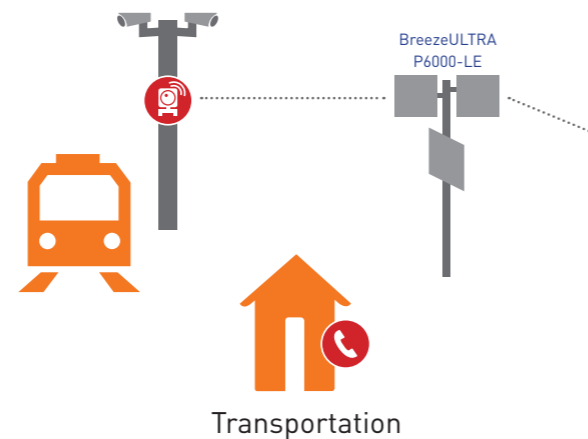
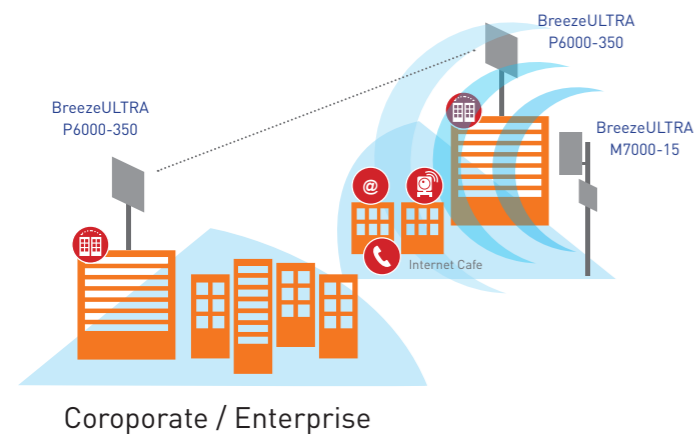
BreezeULTRA™ P6000

High capacity PtP solution

To meet the challenges of today's hyper-dynamic world, Alvarion brings the BreezeULTRA family, the highest capacity product in wireless broadband PtP license-exempt market.

BreezeULTRA offers a bold combination of capacity, performance, organic growth and ease of use capabilities.

- Optimized for high capacity applications
- Available in the Licensed Exempt frequencies: 5.1-5.9 GHz
- High Performance - supporting up to 500 Mbps net throughput and distances of up to 50km / 32 miles (w/high-gain antenna)
- Dynamic up-link /down-link bandwidth allocation
- Optimized performance of voice, video and data using four priorities of service
- Optimized interference mitigation and NLOS performance
- Ease of ordering, installation and configuration



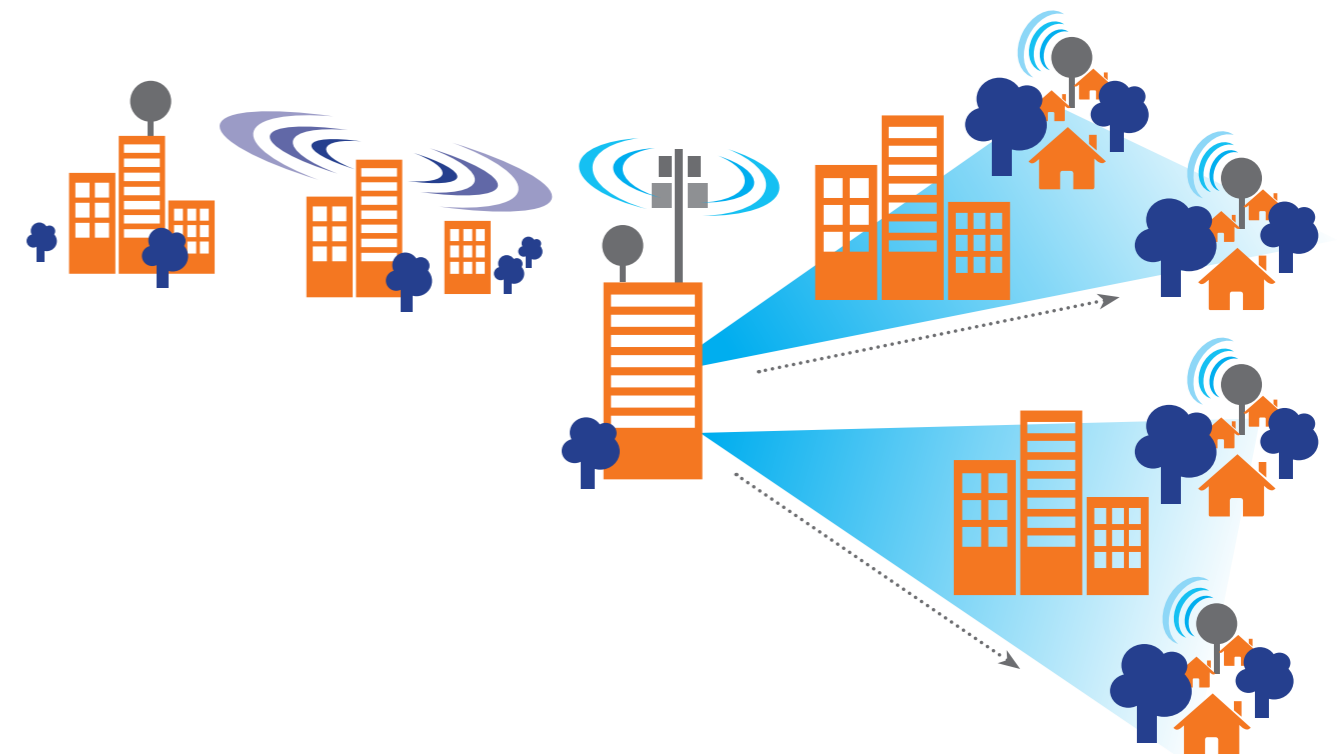
BreezeNET® B

Simple PtP solution

A comprehensive and highly-proficient portfolio of wireless point-to-point solutions that offers long range and high-capacity support for high bandwidth applications.

Provides efficient, reliable and secure communications for voice and real-time applications including building-to building connectivity and backhaul services.

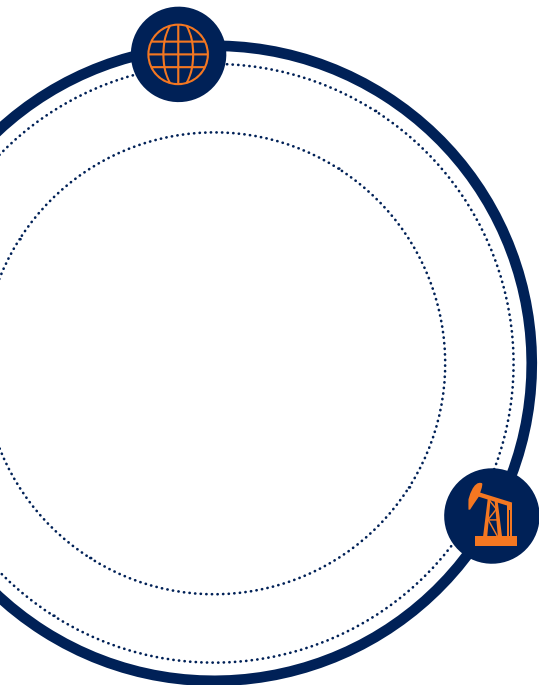
- High capacity, point-to-point, robust outdoor wireless solution
- Flexible rate capacity options: B10, B14, B28, B100 reaching up to 100 Mbps gross
- Long reach: over 60 km
- Optimized uplink/downlink configuration to support different business applications such as public safety and video surveillance
- Robust performance in Non-Line-of-Sight (NLOS) environments
- Simple deployment, management and maintenance





Alvarion is a global provider of optimized wireless broadband solutions addressing the connectivity, coverage and capacity challenges of public and private networks. It has designed and manufactures a range of Wi-Fi solutions, wireless-based Point-to-Point and Point-to-Multipoint technologies that can deliver up to three times the coverage of alternative solutions, even in Non-Line-of-Site (NLOS) situations, to overcome the growing challenges of connectivity and coverage requirements in a fast-driven digital global world where data transmission requirements are increasing exponentially.

Alvarion's "umbrella" solutions allow its customers to provide additional value-add services and applications to their end customers. In particular, the wireless broadband networks Alvarion supply typically enable Government offices agencies, enterprises and operators to be more efficient while eliminating the need for expensive leased fixed line broadband. Furthermore, such networks can be successfully leveraged to carry voice, video and data for applications such as public safety, transportation and high density events.



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