



Wi-Fi Solutions



www.sipssglobal.com

“Performance without Fail – Service without compromise”

Alvarion

Alvarion is a global leader in 4G wireless communications with the industry's most extensive customer base with hundreds of commercial WiMAX deployments. Alvarion's industry leading solutions enable true open 4G and vertical applications for service providers and enterprises. Through an OPEN WiMAX strategy, superior IP and OFDMA know-how, and ability to deploy large scale end-to-end turnkey networks, Alvarion is delivering the true 4G broadband experience today.



Alvarion is the worldwide leader in wireless broadband providing systems to carriers, Enterprise, Rural Broadband, ISPs private network operators, full GSM & CDMA specialized network solutions and cost efficient cellular mobile network extensions. Alvarion is driving the broadband wireless market to the widespread adoption of standards-based, fixed and mobile solutions. With over a decade of standards leadership and the industry's most extensive product portfolio covering the full range of frequency bands, the

Company provides solutions primarily for last mile access and other applications which include voice and data backhauling, cellular feeding, cellular network extensions, community interconnection, public safety communications, private network connectivity and lots more.

Salient Lineaments:

- ALVARION: An Award Winning Innovator
- Founder and Member of Wimax Forum
- An open WiMax and Network approach including end to end solutions to users worldwide
- Listed, NASDAQ : ALVR
- Complete Wireless Broadband Product Portfolio
- Field proven solutions, reliable and sustainable
- Potentially Reduced CAPEX and OPEX
- Reduced TCO and enhanced ROI
- Enhanced Voter's Satisfaction, Productivity, Safety
- High capacity, point-to-point, robust outdoor wireless solution
- TAC Approved
- IOT Approved for ease of ecosystems operations
- Training Centers, eLearning Process across the country
- Unique Vertical Offerings
- Crystallized selling strategy

Alvarion's products compose end-to-end 4G communications solutions that enable customers to build cost-effective networks for the delivery of multi-play applications over a unified, future-proof all-IP platform. Browse our Product line in order to find an Alvarion product that suits your needs.

Products Highlights:

- High capacity, Point-to-Point and Point-to-Multipoint robust outdoor wireless solution
- Flexible portfolio of Products, reaching up to 250 Mbps (Upgrade Available)
- Long reach: over 60 km
- Superior OFDM radio technology
- Nomadic and Mobility (WiMax 16e)
- Optimized uplink/downlink configuration to support business applications such as public safety and video surveillance and all
- Robust performance in Non-Line-Of-Sight (NLOS) environments
- Simple deployment with management and maintenance
- Quality-of-Service (QoS) and prioritization
- Interference Resistant
- High level of Security with AES, WEP and FIPS features
- IP 67 certification
- Type Approval

Wavion

End-To-End Solutions

Wavion offers complete, end-to-end solutions for outdoor WiFi applications in metro and rural areas, ensuring service operators, municipalities and enterprises are able to deploy robust carrier grade wireless networks quickly and effectively. Wavion solutions revolutionize the market by providing superior



connectivity, greater coverage in a cost effective package

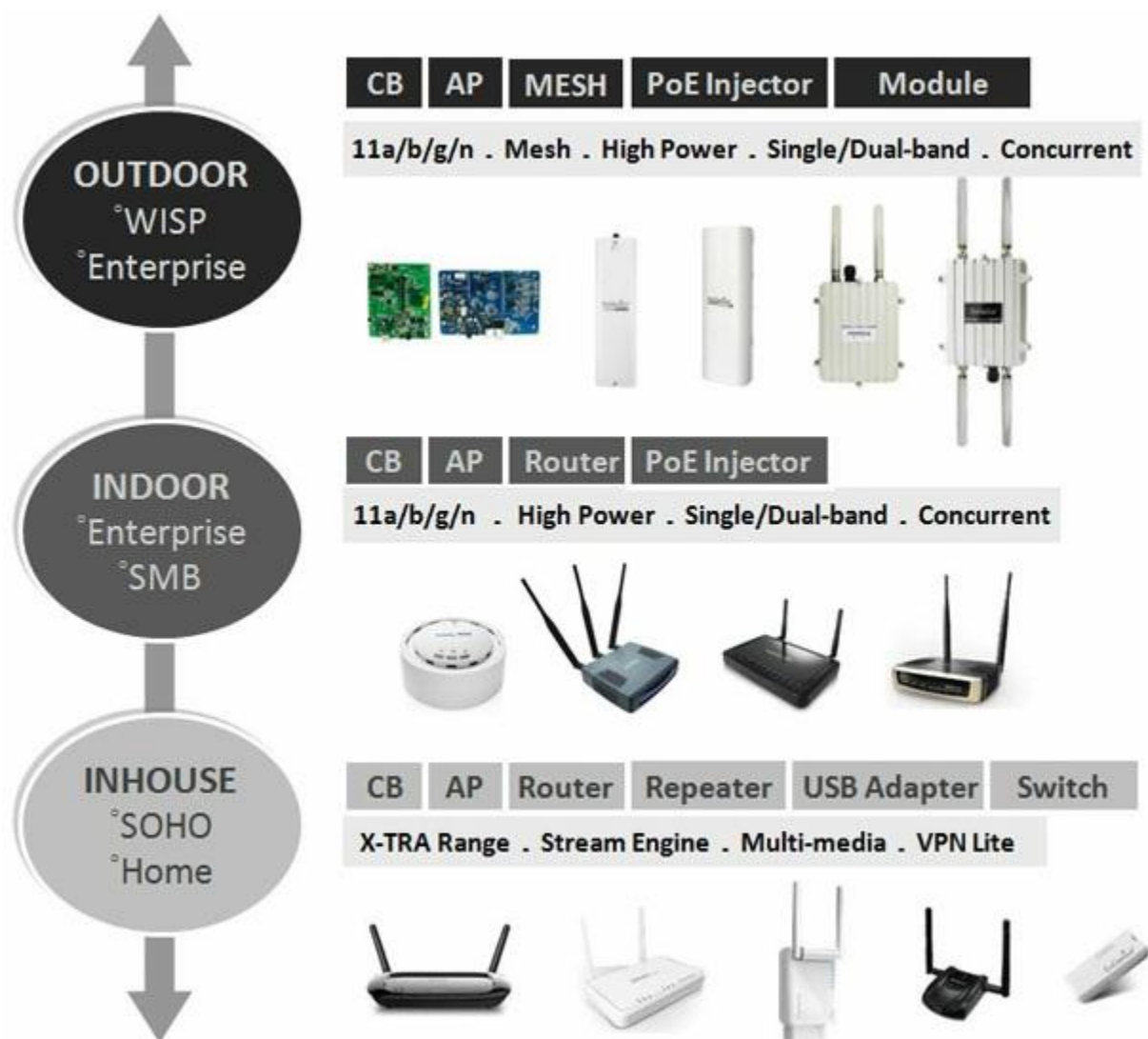
Base Stations

Wavion WBS is a family of a carrier class, broadband wireless Beamforming base stations that provide superior coverage and greater capacity.

- **WBS-2400** omni-directional base station with 6 antenna array operating in 2.4 GHz
- **WBS-2400 sector** directional base station with 3 antenna array in 120° sector operating in 2.4 GHz
- **WBS-5800** omni-directional base station with 6 antennas array operating in 5.8 GHz
- **WBS-5800 sector** directional base station with 3 antenna array in 120° sector operating in 5.8 GHz
- **WBS-5000** sector directional base station with 3 antenna array in 120° sector operating in 4.9-5.9 GHz

EnGenius

EnGenius high-performance business-class wireless networking products are great solutions to your long range wireless needs. Our Routers, Access Points, Client Bridges and Adapters are designed with high-power transmitters and extremely sensitive receivers to maximize coverage in large areas, offices, warehouses, and multi-story buildings. High power output up to 600mW and increased radio sensitivity allow you to cover a larger area with lower cost and less equipment. Find what you need to setup line-of-sight, point-to-point and point-to-multipoint network.





Unwire Your Education

Modern educational networks help students overcome the barriers that keep them from reaching their true potential. They give them access to the wider community, let them enroll in specialized courses that aren't locally available, and help them personalize their learning experience to meet their unique abilities.

Educators and administrators also benefit from modern networks, accessing remote course materials and creating blended learning environments that combine classroom lectures with self-paced, computer-based e-learning. They can also more effectively monitor students' progress and better ensure that graduates gain skills for critical thinking, collaboration, and problem-solving.

Alvarion's wireless broadband solutions help turn legacy educational networks into 21st broadband networks with anytime, anywhere access to voice, video and data. Alvarion delivers connectivity to wherever you are on campus, whether you're in a classroom, an office, the library or your favorite green space.

Use Alvarion solutions to:

- Rapidly deploy high-speed broadband access to stationary, mobile, and handheld devices
- Deliver VoIP and eliminate costly leased E1/T1 lines
- Meet digital inclusion initiatives with low-cost, safe access for students at home
- Provide data and voice communication to wireless-only users
- Provide wireless broadband CPEs and end-user devices that meet a variety of needs & budgets
- Secure students & school assets with video surveillance

Low Cost, Rapid Deployment

Without the need for expensive digging, trenching or running cables, Alvarion's wireless networks are ideal for providing affordable high-speed broadband for VoIP, videoconferencing and Internet access.

Digital Inclusion

Offer low-cost or no-cost Internet access and VoIP to students and families from underserved residential areas. Supply advanced Internet services to areas that are often overlooked or avoided by commercial Internet service providers due to lower returns.

Multi-band Access

Simultaneous support for the 2.4 and 5 GHz bands let you provide no-cost or revenue-generating access services to customers for the growing use handheld devices and laptops in the 5 GHz spectrum.

Connectivity for Wireless-only Users

Deliver affordable, high-quality data and voice services to the 25% of students who are wireless-only users. Ensure that students and staff can connect their smartphones and tablets to their carrier of choice as landlines are decommissioned in dormitories and buildings.



24 x 7 x 365, All-Weather Performance

Whether used for VoIP, videoconferencing or Internet access, your business demands maximum uptime. Alvarion wireless broadband solutions provide all-weather performance with maximum uptime—even on Mt. Everest.

Quality of Service

Quality of service (QoS) ensures that each type of traffic on your wireless broadband network receives the bandwidth it needs. Video feeds are clear and readable while VOIP and Internet access meet the expectations of users.

Extended Coverage and NLOS Operation

Alvarion solutions use beamforming and 3x3:3 MIMO technologies to deliver up to three times the coverage of alternative solutions, even in non-line-of-site (NLOS) conditions.

Flexible, Modular Infrastructure

The modular nature of wireless infrastructure makes it easy to add additional connections as your business grows.

Fast Return On Investment

Can provide up to 50% savings in CAPEX and OPEX with fewer sites per square mile/kilometer, higher network reliability, and enhanced quality of service.

More Details and specific Solution- Please follow the Below Links

Brochures - [Un-wire Your Education](#) [Wi-Fi Coverage in Education](#) [BR_BreezeULTRA](#) [Wavion_WBSn_Datasheet](#)
[ultimate_solution_white_paper](#)

Case Study - [Sailor Maryland USA](#) [Dundee, Scotland](#)

Technology Video - [BreezeULTRA- Video](#) [Alvarion Distributed Network Architecture](#) [Beamforming From Wavion](#)
[WBSn- Carrier grade Outdoor](#)

Flyers - [Smart City Solution](#) [Rural Deployment](#) [Education](#) [Smart Utilities](#) [Public Safety](#)

Flash Video- [EnGenius Solution-1](#) [EnGenius Solution-2](#)



IF YOU WANT TO KNOW MORE ABOUT Wi-Fi SOLUTIONS WHICH CAN ENHANCE
YOUR PERFORMANCE, SECURITY & PRODUCTIVITY PLEASE CONTACT US



SIPSS - GLOBAL

#2581 & 2582, Ground Floor, Snake Shyam Road

Vijayanagar 2nd Stage, Mysore- 570 017

E-Mail: info@sipssglobal.com

Ph: 0821 – 4268303, 4281696

www.sipssglobal.com

Karnataka | Tamilnadu | Kerala