



# BreezeMAX<sup>®</sup> *taking WiMAX<sup>™</sup> further*



Robust WiMAX Mature Carrier Class Fixed Voice Robust OPEN<sup>™</sup> WiMAX Mature  
 Certified Coverage Go mobile Gaming Field Proven Certified Capacity  
 Anywhere Capacity Mobile QoS Cost Effect  
 Data Cost Effective Video Video Reliable All-in-one Data Go mol

BreezeMAX, Alvarion's carrier-class, field proven platform, delivers efficient wireless broadband connectivity for fixed, portable and mobile networks. The foundation of Alvarion's best-of-breed, end-to-end 4Motion® Mobile WiMAX™ solution, BreezeMAX offers operators greater coverage, capacity and throughput for the provision of top quality quad-play services with enhanced end user experience.

### BreezeMAX is the Preferred Platform

BreezeMAX enables converged voice, video and multimedia services over an all-IP network architecture, addressing the current and future needs of the communications, business and entertainment markets. Combining quality-assured high throughput and availability, advanced radio resource management technologies, component redundancy and a comprehensive network management system, BreezeMAX is the platform of choice for all types of operators.

BreezeMAX supports a strong business case for various market demands. It enables more users per cell site and more available bandwidth (more applications and services), resulting in less required sites and reduced CAPEX and OPEX. This widely deployed platform supports a modular, scalable and future-proof network architecture, and flexible pay-as-you-grow deployment schemes for rapid market penetration.

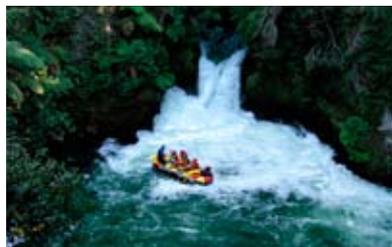
### Flexible Configuration for the Best Fit

The BreezeMAX platform features an extensive range of products, enabling operators to customize and adapt configurations according to environment demands:

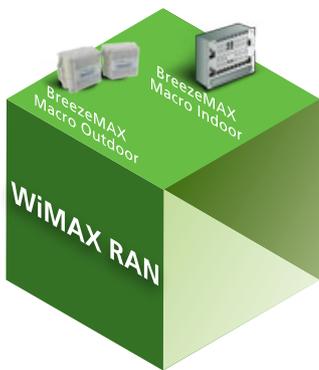
- Indoor/outdoor and all-outdoor deployment options
- Tailored solution for developed and emerging markets
- Diverse deployment scenarios including rural, suburban, urban and dense-urban
- Service support for SOHOs, SMEs, residential and corporate customers
- 4<sup>th</sup> order diversity for reduced number of sites, optimizing total cost of ownership
- Variety of licensed and license-exempt frequency bands
- FDD and TDD duplexing schemes, including:
  - FDD 16d for fixed, outdoor networks and business customers
  - FDD Si indoor CPE for mass residential deployments
  - TDD 16e for fixed, nomadic and mobile deployments

“*Alvarion is the largest and most experienced WiMAX vendor with a clear path to mobile device support, making them a clear choice for the success of our business.*”

P. Kelley Dunne, CEO, DigitalBridge Communications, USA



# The BreezeMAX Product Family



## BreezeMAX Base Station

Alvarion's modular and robust base station includes an advanced management application and is available in four designs:

### BreezeMAX Macro Indoor Base Station

Available in scalable, high-density configurations particularly suitable for large-scale deployments supporting up to 3 sectors.

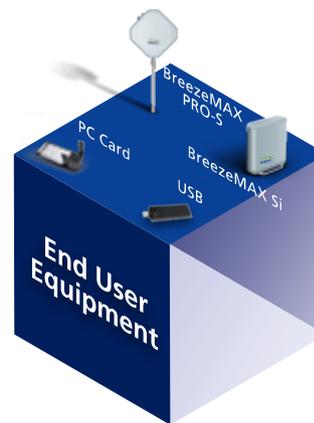
### BreezeMAX Macro Outdoor Base Station

All outdoor, full-featured macro base station with an optimized weather configuration; a versatile upgrade process from single sector configuration to multi-sector, multi-carrier deployments; and flexible mounting options for rooftops, walls, poles and towers.

### BreezeMAX Extreme Base Station

All outdoor, all-in-one compact base station easily installed with a flexible mounting option for rooftops, walls, poles and towers. BreezeMAX Extreme is designed with modular architecture supporting up to 2 sectors in a single device and features a

variety of configurations and applications. A flexible platform, it provides optimal cost to performance ratio for emerging market deployments and serves as a coverage and capacity enhancer for existing networks in dense urban environments.



## End User Equipment

**BreezeMAX PRO-S** consists of an indoor unit (IDU) and an outdoor unit (ODU) that contains the modem, radio, data processing and management components, as well as an integral high-gain flat antenna with either vertical or horizontal polarization. An ODU with a connector to an external antenna is also available.

**BreezeMAX Si** is a self-installable, nomadic WiMAX subscriber unit providing broadband data services in a compact design. Ideal for residential and SOHO users, it is a complete indoor solution (without the need for an outdoor unit) supplied with installation software. Furthermore, BreezeMAX Si supports both a smart card and a USB dongle for simple remote connection.



## Headquarters

International Corporate HQ  
corporate-sales@alvarion.com

North America HQ  
n.america-sales@alvarion.com

## Sales Contacts

Australia:  
anz-sales@alvarion.com

Asia Pacific:  
ap-sales@alvarion.com

Brazil:  
brazil-sales@alvarion.com

Canada:  
canada-sales@alvarion.com

Caribbean:  
caribbean-sales@alvarion.com

China:  
cn-sales@alvarion.com

Czech Republic:  
czech-sales@alvarion.com

France:  
france-sales@alvarion.com

Germany:  
germany-sales@alvarion.com

Italy:  
italy-sales@alvarion.com

Ireland:  
uk-sales@alvarion.com

Japan:  
jp-sales@alvarion.com

Latin America:  
lasales@alvarion.com

Mexico:  
mexico-sales@alvarion.com

Nigeria:  
nigeria-sales@alvarion.com

Philippines:  
ph-sales@alvarion.com

Poland:  
poland-sales@alvarion.com

Portugal:  
sales-portugal@alvarion.com

Romania:  
romania-sales@alvarion.com

Russia:  
info@alvarion.ru

Singapore:  
asean-sales@alvarion.com

South Africa:  
africa-sales@alvarion.com

Spain:  
spain-sales@alvarion.com

U.K.:  
uk-sales@alvarion.com

Uruguay:  
uruguay-sales@alvarion.com

For the latest contact information  
in your area, please visit:  
[www.alvarion.com/company/locations](http://www.alvarion.com/company/locations)



[www.alvarion.com](http://www.alvarion.com)

© Copyright 2009 Alvarion Ltd. All rights reserved.  
Alvarion® and all names, product and service names  
referenced herein are either registered trademarks,  
trademarks, tradenames or service marks of Alvarion Ltd  
in certain jurisdictions. All other names are or may be the  
trademarks of their respective owners. The content herein is  
subject to change without further notice.  
"WiMAX Forum" is a registered trademark of the WiMAX  
Forum. "WiMAX," the WiMAX Forum logo, "WiMAX  
Forum Certified" and the WiMAX Forum Certified logo are  
trademarks of the WiMAX Forum.

214454 rev.e

## BreezeMAX Highlights

- WiMAX Forum Certified™  
(BreezeMAX 2.5 and 3.5 GHz)
- Top coverage and performance
- Flexible configuration and increased  
capacity for additional broadband services
- Variety of indoor, outdoor and mobile  
end-user devices
- Advanced antenna technology, including  
2<sup>nd</sup> and 4<sup>th</sup> order diversity and MIMO
- Adaptive modulation technology
- Patent-pending technology for seamless  
connectivity
- Includes Alvarion SentieM technologies

## BreezeMAX Leverages Alvarion's Mature Experience

Alvarion's market-leading knowledge and experience with broadband wireless access and core technologies, particularly OFDM/OFDMA, is based on years of research, development and support provided by more than 500 expert engineers. Leveraging the company's extensive and mature experience, BreezeMAX is one of the most popular WiMAX platforms around the world.

“ Looking for maximum investment protection, we selected Alvarion's technology, knowing that our investment in its high performance equipment will enable continuous and reliable connectivity, answering the growing needs of our customers on both a personal and business level. ”

Trajce Cerepnalkovski, CEO, Neotel, Macedonia

“ Based on our successful Grand Cayman deployment and our experience with the high throughput and quality of service of Alvarion's WiMAX solutions, we believe Alvarion is the best choice for enabling us to provide advanced services to our customers. ”

Mario Assaad, CTO, Digicel Group, Caribbean

## About Alvarion

Alvarion (NASDAQ: ALVR) is the largest WiMAX pure-player with the most extensive WiMAX customer base and over 250 commercial deployments around the globe. Committed to growing the WiMAX market, the company offers solutions for a wide range of frequency bands supporting a variety of business cases. Through its OPEN WiMAX strategy, superior IP and OFDMA know-how, and ability to deploy end-to-end turnkey WiMAX projects, Alvarion is shaping the new wireless broadband experience.



Robust  
Fixed Voice  
Field Proven  
Mobile  
Video  
OPEN™ WiMAX  
Certified  
QoS  
Reliable  
All-in-one  
Mature  
Coverage  
Anywhere  
Data  
Cost Effective  
Carrier Class  
Go mobile  
Capacity  
Gaming  
Mobile  
Video