

## Expand Your Enterprise With a Wireless Network



**The Challenge:** You have two weeks to build IT infrastructure for a new building on the other side of town. How can you connect this facility to the enterprise network in time and within your tight budget?

**The Solution: Wireless broadband.** Alvarion provides secure, fast and reliable wireless network connectivity that's easy to deploy. No more hassle and expense of installing and maintaining E1/T1 or other leased lines and no delay and cost of obtaining a permit and trenching to lay your own fiber lines. Wireless broadband eliminates costly recurring service fees. The initial investment can be redeemed in a matter of months as the return on your investment continues for years.

Enterprise Network Application



## Wireless broadband the alternative to expensive leased lines and specially deployed fiber for efficient communication

### ● Low-cost

Monthly service fees for E1/T1 leased lines substantially increase your operating costs. There are no recurring fees for wireless broadband. You own the network with a one time fee and your monthly operating costs are significantly reduced. As the network operates on unlicensed frequency bands, there are no licensing fees. Laying fiber cable is expensive and time consuming. Delays can cost money while you wait for city permits and work crews to trench and install cable in the streets and buildings. Wireless broadband eliminates these delays and costs. When connecting your business with an Alvarion wireless link, costs are redeemed in a matter of months and return on investment is ongoing.

### ● Fast

Today's graphics and media bandwidth-intensive applications, demand the speed delivered by an Alvarion wireless broadband network. E1/T1 landlines were once considered fast, providing consistent data rates of 1.5 – 2 Mbps. Alvarion's high capacity wireless networks offer secure net data throughput over 108 Mbps, making possible the delivery of simultaneous data, voice and video applications.

### ● Secure

Built-in, hardware based, AES (Advanced Encryption Standard) encryption ensures uncompromising 128 bit security to prevent unauthorized access to your network. Plus, optional encryption software supports FIPS-197 for an additional layer of security. Workgroups and individual users can be granted or restricted from accessing particular segments of your network by easily establishing any number of virtual local area network (VLAN). Sophisticated and secure network management options ensure that only authorized personnel, from secure devices will be able to manage your network. As there are fewer hardwired access points, an Alvarion wireless link provides better protection for your business assets and intellectual property than any cable-based network.

### ● Flexible

Eliminate the expense, time and trouble of installing landline infrastructure and enjoy the freedom to easily expand your fast wireless network as your business grows. The added bandwidth provided by an Alvarion wireless network offers the flexibility to take advantage of technologies and applications that were previously unavailable. Video conferencing, video surveillance, digital voice calling (VoIP), and Wi-Fi can all be delivered wirelessly, securely and seamlessly over the network. Wirelessly connecting a remote facility gives complete secure access to the network for digital asset sharing from a single server and Internet service from a single wireless connection.



### ● Easy

Installing an Alvarion wireless network connection is fast and easy. There's no need to acquire city permits or dig up the street, unlike constructing a cabled building to building infrastructure. Wireless broadband simplifies IT management by eliminating the need to install additional servers in a remote building and maintain multiple instances of enterprise applications. Alvarion's wireless products are an integral part of your network, making network management easy.

### ● Expandable

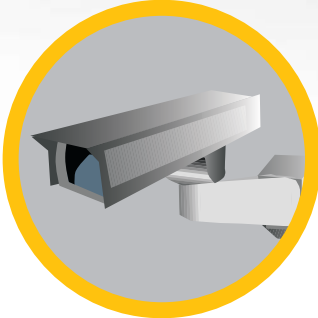
As an all-IP solution, an Alvarion wireless broadband link is an integral part of your network. It can be used with devices such as an IP PBX, to expand telephony networks, video surveillance cameras, WiMAX solutions for roaming mobile access and new emerging technologies designed to take advantage of the power of wireless broadband.

### ● Reliable

Alvarion's wireless network solutions enable you to connect remote locations at a distance of up to 30 miles. They are ruggedly constructed to withstand harsh environments and have a proven reliability. Alvarion's wireless broadband solutions utilize advanced OFDM non-line-of-sight (NLOS) technology to ensure reliability even in areas without line-of-sight and in extreme weather conditions.



# Alvarion Wireless Connectivity Meets Enterprise Communication Needs



## Video Surveillance and Monitoring

Easily deploy video cameras for security and monitoring of remote buildings and open areas without the need to trench and lay cable.



## Corporate IT Applications

Wireless broadband offers a secure connection to a wide variety of enterprise applications: network file server, email, ERP and other shared resources without the need to install multiple software instances.



## Indoor Wireless Connectivity

Expand your wireless network with indoor wireless access. Indoor LAN compatibility enables your workforce to stay connected as they freely move throughout the company.



## Outdoor Wi-Fi Connectivity

Use wireless networks in outdoor areas like loading platforms, outside warehouses and parking lots. Wireless broadband makes it easy to connect enterprise applications and use VoIP telephony in remote locations.



## IP Telephony

Meeting the needs of even high-volume call centers, an Alvarion point-to-point wireless network enables up to 1,000 simultaneous high-quality voice calls (VoIP), or 288 calls per sector in point-to-multipoint applications.





## Video Conferencing and Remote Training

Wireless point-to-point networks provide speeds up to 45 times faster than E1/T1. Point-to-multipoint wireless networks offer speeds up to 20 times faster than E1/T1, enabling increased capacity for seamless video conferencing and video training that was previously unaffordable.



## Wireless Building-to-Building Connectivity

Connect enterprise offices and remote facilities. Provide broadband network access for video surveillance of office buildings, gates and other remote locations typically cost-prohibitive with E1/T1.

## Headquarters

### International Corporate Headquarters

Tel: +972.3.645.6262  
Email: corporate-sales@alvarion.com

### North America Headquarters

Tel: +1.650.314.2500  
Email: n.america-sales@alvarion.com

## Sales Contacts

### Australia

Email: australia-sales@alvarion.com

### Brazil

Email: brazil-sales@alvarion.com

### Canada

Email: canada-sales@alvarion.com

### Caribbean

Email: caribbean-sales@alvarion.com

### China

Email: china-sales@alvarion.com

### Czech Republic

Email: czech-sales@alvarion.com

### France

Email: france-sales@alvarion.com

### Germany

Email: germany-sales@alvarion.com

### Hong Kong

Email: hongkong-sales@alvarion.com

### Italy

Email: italy-sales@alvarion.com

### Ireland

Email: uk-sales@alvarion.com

### Japan

Email: japan-sales@alvarion.com

### Latin America

Email: lasales@alvarion.com

### Mexico

Email: mexico-sales@alvarion.com

### Nigeria

Email: nigeria-sales@alvarion.com

### Philippines

Email: far.east-sales@alvarion.com

### Poland

Email: poland-sales@alvarion.com

### Romania

Email: romania-sales@alvarion.com

### Russia

Email: info@alvarion.ru

### Singapore

Email: far.east-sales@alvarion.com

### South Africa

Email: africa-sales@alvarion.com

### Spain

Email: spain-sales@alvarion.com

### U.K.

Email: uk-sales@alvarion.com

### Uruguay

Email: 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 2007 Alvarion Ltd. All rights reserved.  
Alvarion® and all names, product and service names referenced here in are either registered trademarks, trademarks, tradenames or service marks of Alvarion Ltd. All other names are or may be the trademarks of their respective owners. The content herein is subject to change without further notice.



## About Alvarion

With more than 3 million units deployed in 150 countries, Alvarion is the world's leading provider of innovative wireless broadband network solutions enabling Personal Broadband to improve lifestyles and productivity with portable and mobile data, VoIP, video and other services.

Alvarion is leading the market to Open WiMAX solutions with the most extensive deployments and proven product portfolio in the industry covering the full range of frequency bands with both fixed and mobile solutions. Alvarion's products enable the delivery of personal mobile broadband, business and residential broadband access, enterprise VPNs, toll quality telephony, mobile base station feeding, hotspot coverage extension, community interconnection, public safety communications, and mobile voice and data.

As a wireless broadband pioneer, Alvarion has been driving and delivering innovations for over 10 years from core technology developments to creating and promoting industry standards. Leveraging its key roles in the IEEE and HiperMAN standards committees and experience in deploying OFDM-based systems, the Company's prominent work in the WiMAX Forum is focused on increasing the widespread adoption of standards-based products in the wireless broadband market and leading the entire industry to Open WiMAX solutions.

### Alvarion: Expand Your Enterprise With a Wireless Network

The following field-proven systems are ideal for improving enterprise networks:  
BreezeACCESS®, BreezeNET®, BreezeMAX™.