



# Watching You on the Wave

*High-quality, high-speed wireless broadband connectivity for video surveillance*



**Field Proven**   **Video**   **Capacity**   Flexible  
 Secure   Connectivity   Real Time   Quality  
 Reliable   **Protection**   Affordable   **Mobile**  
**Public Safety**   Fixed   Scalable   **Coverage**  
 Wireless   **Security**   Fast

## Video Surveillance is Top Priority

The necessity for public and personal safety is top priority for both individuals and governments around the world. Video surveillance is a routine issue in security planning, and there is a constant search for innovative and intelligent technologies which will enhance security, particularly over multiple remote sites. Wireless broadband access is rapidly being acknowledged as a reliable solution for quality, real-time images for video surveillance.

## Wireless Networks Enable Enhanced Video Surveillance

The availability of new wireless broadband technologies such as WiMAX™ is creating additional opportunities for video surveillance network designers, particularly since it is now possible to add and place cameras in locations which were previously inaccessible by wireline. Furthermore, wireless broadband provides high-capacity connections, which are essential for high-resolution images, over tens of kilometers, completely segregated and secured with built-in data encryption mechanisms. Finally, wireless networks are easy to install and relocate to new locations, involve relatively small initial investments and maintenance costs, and offer 100% privately-owned connectivity - as opposed to expensive leasing of E1/T1/xDSL links from other local operators.

## Extensive Product Portfolio

Alvarion® offers a range of field-proven and award-winning products for fixed, nomadic and mobile wireless access for licensed and license-exempt frequencies

- BreezeACCESS® VL and BreezeNET® B for license-exempt frequencies (900 MHz and 5.x GHz)
- BreezeACCESS VL SU-Video for wireless video surveillance solutions optimized for the high performance needs of the video surveillance market
- BreezeMAX® family for WiMAX 802.16 licensed frequencies (2.x GHz and 3.x GHz)
- Mobile WiMAX™ BreezeMAX 802.16e wave II certified
- BreezeMAX/BreezeACCESS Wi² for Wi-Fi 802.11 as a Wi-Fi mesh solution extension to the WIMAX network



BreezeACCESS  
product family



BreezeMAX  
product family

## Alvarion Delivers Quality and Expertise

Alvarion delivers the expertise for implementing sophisticated and intelligent wireless networks for outdoor video surveillance solutions.

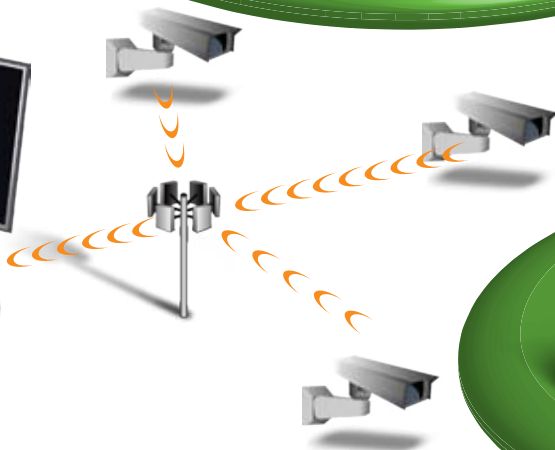
- Carrier class, robust and reliable system, field proven in over 3 million links
- Complete product portfolio for a variety of fixed and mobile requirements and a wide range of frequencies
- Extended range of up to 30 km and enhanced capacity supporting non-line-of-sight (NLOS) and high bandwidth capacity for maximum flexibility and modularity
- Quality video and voice support with optimized bandwidth allocation for real-time video communication requirements
- Hardware-based encryption methods and security mechanisms maintaining high performance (AES and FIPS)
- Strong business case - maximized efficiency, less equipment required and scalable pay-as-you-grow support for reduced CAPEX and OPEX

## Transportation

- Rail Lines and Stations
- Marine Ports and Cruise Lines
- Roadways
- Intelligent Transportation Network
- Traffic Control
- Airports and Air Traffic Control
- Mobile



Center



## Government/Military

- Correctional Facilities
- National Monuments
- Border Control
- Intelligence



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## Alvarion Delivers End-To-End Solutions

Alvarion has established partnerships with leading suppliers of security and video surveillance solutions. This gives Alvarion the leverage to offer customers seamless, end-to-end solutions which provide a range of benefits, including quick and easy integration, a wide variety of choice and operability with any camera and application. Furthermore, Alvarion's end-to-end video surveillance connectivity solutions are field proven for integration with a variety of cameras and applications and can be tailored to customer needs for optimal cost/performance.



**Acucola Marina, Spain** one of the most important producers of farmed fish in the

Castellon region, has improved security and communications between offshore fish farms and headquarters using a PTP wireless network.



Since deploying a cross-city CCTV wireless network for video surveillance, **Rosh Haayin Municipality, Israel** has

significantly reduced crime and regained safety for residents.



**Doñana National Park, Spain** a UNESCO world

heritage site, uses a wireless video surveillance network to support real-time control and monitoring for conserving species and sharing data with other centers worldwide.



**Caravaggio Municipality, Italy** is using wireless-based video surveillance to support emergency and law enforcement services in an area that could

not be covered by conventional wired networks. This deployment includes wireless LANs, IPTV cameras, and in the future, a mobile office with a video control system.



**Mid-America Regional Council (MARC), US** has

implemented a 2 state, 23 city, 17 jurisdiction and 600 intersection wireless network, supporting an intelligent traffic system for reduced pollution, better traffic flow and emergency evacuation capabilities.

## 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.