Emerging to a World of WiMAX™

OPEN WiMAX empowers operators with high quality, high speed broadband
WiMAX™ is the Preferred Communications Infrastructure

In an era of growth and demand for broadband connectivity, the lack of developed wired infrastructure is fueling the demand for wireless alternatives to bridge the digital divide and achieve economic development, social well being and effective personal communications. Affordability, availability, mobility, and ease of use favor the adoption of WiMAX — the most cost-effective solution with enhanced QoS and a fast deployment cycle.

WiMAX enables operators to reach large areas of coverage and provide service availability with substantially higher bandwidth/capacity, and is the most suitable solution for a wide range of services including voice, video and data.

Alvarion Delivers an OPEN™ WiMAX End-to-End Solution

Alvarion’s OPEN WiMAX is a complete ecosystem based on three fundamentals: scalability, making it equally suitable for large, medium or small deployments; cost optimization, allowing operators to control network deployment costs; and application driven, enabling simple integration with third party applications and services.

OPEN WiMAX is an all IP end-to-end solution suitable for mobile, fixed and greenfield operators. Main benefits include:

- Added revenues through extended FMC-based service offerings and penetration of new markets
- Rapid deployment supported by plug-and-play integration with existing backend servers
- Enhanced business case with comprehensive QoS voice services supporting pre/post paid options
- Best-of-class end-to-end solution particularly suitable for greenfield operators

“**Our strong and ongoing relationship with Alvarion allows us to continue meeting the particular demands of the African market. This nationwide extension of WiMAX enables us to offer our current and new customers broadband services at competitive rates.**

Kai Wulff, Managing Director, Kenya Data Networks

“We believe that Alvarion’s OPEN WiMAX approach offers a comprehensive, reliable solution to meet our deployment targets in the best way possible.”

David Valencia, Network Operation Manager, Monarch Communications, Nigeria

### Alvarion’s WiMAX Value Proposition

- World-leading provider of OPEN WiMAX solutions
- Primary data and voice services
- Complete CPE portfolio
- End-to-end product and service offering
- Strong partner ecosystem for rapid and successful deployment
- Affordable primary and personal wireless broadband
- Residential, enterprise and community deployments
WiMAX Empowers Social Care and Economic Growth

Broadband connectivity and voice services offered by WiMAX are being utilized for social care programs such as e-Health and e-Learning, and for fueling economic growth. Nationwide WiMAX networks offering Internet broadband access, telephone and value added services are supporting SME entrepreneurship, providing access to remote businesses and improving the economic situation on both individual and regional levels.

“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 Islands

Alvarion’s BreezeMAX®: The Preferred WiMAX-Certified Solution

- Successfully field proven in over 200 commercial WiMAX deployments
- Deployed in over 150 countries
- Robust WiMAX platform
- Best NLOS and coverage performance
- Wide variety of frequencies
- Modular and scalable architecture
- Enhanced QoS voice support
- Mobile, portable and fixed services

Alvarion Enhanced Data and Voice Solution Scenarios

* 3rd party or Alvarion supplied equipment
Empower Yourself with WiMAX

Alvarion WiMAX deployments are growing in emerging markets around the world, from Africa and Eastern Europe to the Latin America and Asia. The following are some typical examples:

**Kenya Data Networks** is using WiMAX for broadband voice and data services at competitive rates

**Monacom**

Monacom, a privately-owned company and WiMAX license holder in several states in Nigeria is offering data and VoIP services to businesses, SOHOs, SMEs and residences using WiMAX

**MTN Uganda**, a pan-African tier 1 operator is providing extended WiMAX-based broadband services across Uganda

**Incumbent Telecom Namibia** has adopted WiMAX for primary voice services and broadband data

**Telkom South Africa**, the incumbent provider in the region, has embarked on a nationwide WiMAX network to increase broadband services

**Digicel**

Digicel Group, the largest mobile operator in the Caribbean, is deploying a WiMAX 802.16e network throughout the Caribbean to leapfrog current technology and offer a wireless full service portfolio as an attractive alternative to existing operator offerings

**Bharti Airtel Limited**, India’s leading integrated telecom services provider and a member of Bharti Enterprises, is using WiMAX networks to provide services to business users across key cities in India

**WiMAX is Leaving Limits Behind**

WiMAX is a compelling, low-risk option for emerging markets lacking wired infrastructure and telecom services. Suitable for mobile, nomadic and fixed deployments, WiMAX offers a fast and cost-effective solution for best broadband connectivity.

> The WiMAX network created within the national project presents a basis for expansion of WiMAX networks in other regions in the future. This will allow CenterTelecom to enlarge the number of provided services and offer equal services to all citizens of the Center of Russia, thus raising the quality of life in the Central Federal District of the Russian Federation.

Vadim Kondratov, CTO, CenterTelecom

**About Alvarion**

Alvarion (NASDAQ:ALVR) is a global 4G communications leader with the industry’s most extensive customer base, including hundreds of commercial 4G deployments. Alvarion’s industry leading network solutions for broadband wireless technologies WiMAX, TD-LTE and WiFi, enable broadband applications for service providers and enterprises covering a variety of industries such as mobile broadband, residential and business broadband, utilities, municipalities and public safety agencies. Through an open network 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 (www.alvarion.com)