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FOR IMMEDIATE RELEASE

Alvarion® Selected by 4G Africa to Deploy 4G Network in Cameroon

Deployment valued at \$2 million, provides broadband coverage with Alvarion's end-to-end solution

Washington, D.C., November 10, 2010 — Alvarion Ltd. (NASDAQ:ALVR), the world's leading provider of 4G networks in the Broadband Wireless Access (BWA) market, today announced it was chosen by 4G Africa AG to deploy the first Mobile WiMAX™ network in Cameroon. The deployment in the cities of Douala and Yaoundé, two of Cameroon's largest metropolitan areas with a total population 5 million people, will provide coverage using Alvarion's end-to-end Mobile WiMAX 4Motion™ solution at the 2.5 GHz frequency band.

The deployment is expected to provide connectivity to over 10,000 users within the first year. 4G WiMAX™ presents an ideal business case for enabling mobile broadband to mass consumers. By building a network based on Alvarion's leading platform, 4G Africa can cost-effectively offer a wide range of data services to consumers in Cameroon.

"We are excited to work with Alvarion on the first 4G network deployment in Cameroon and introduce a new era of communications to the residents of Douala and Yaoundé," said Dov Bar-Gera, CEO of 4G Africa. "4G Africa is focused on establishing WiMAX networks in emerging Sub-Saharan countries, such as Cameroon with the overall aim to reduce the digital divide. Leveraging Alvarion's technology and expertise allows us to provide a high-performance quality network, offering valuable broadband services to the residents in this market."

Sub-Saharan Africa is considered to be one of the world's fastest growing economies, yet lacks the proper infrastructure. We recognize the impressive track record Alvarion holds in Africa in regard to providing operators excellent WiMAX solutions and early deployment capabilities.

"Bringing Mobile WiMAX services to Cameroon will enable 4G Africa to provide residents with the benefits of a complete wireless broadband experience," said Eran Gorev, president and CEO of Alvarion. "Our advanced technology will provide complete network connectivity and allow 4G Africa to be one step closer to their goal of reducing the digital divide in Sub-Sahara Africa."

About 4G Africa

4G Africa, a Swiss company based in Zurich, was founded by a team of telecom entrepreneurs who were actively involved in emerging markets for the last decade.

The mission of 4G Africa is to provide affordable, reliable and state-of-the-art broadband wireless internet access services in chosen countries in sub-Saharan Africa, in order to help close the digital divide. In 2011 the company will start offering wireless and different value added services in Cameroon. www.4gafrica.com

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).

This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. These statements are based on the current expectations or beliefs of Alvarion's management and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: potential impact on our business of the current global recession, the inability of our customers to obtain credit to purchase our products as a result of global credit market conditions, the failure to fund projects under the U.S. broadband stimulus program, continued delays in 4G license allocation in certain countries; the failure of the products for the 4G market to develop as anticipated; Alvarion's inability to capture market share in the expected growth of the 4G market as anticipated, due to, among other things, competitive reasons or failure to execute in our sales, marketing or manufacturing objectives; the failure of the Alvarion's strategic initiatives to enable Alvarion to more effectively capitalize on market opportunities as anticipated; inability to further identify, develop and achieve success for new products, services and technologies; increased competition and its effect on pricing, spending, third-party relationships and revenues; as well as the inability to establish and maintain relationships with commerce, advertising, marketing, and technology providers and other risks detailed from time to time in the Company's 20-F Annual Report Risk Factors section as well as in other filings with the Securities and Exchange Commission.

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You may request Alvarion's future press releases or a complete Investor Kit by contacting Shirley Farhi, Shirley.farhi@alvarion.com or +972.3.767.4159.

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