

ALVARION LTD  
Form 6-K  
September 15, 2009

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**Form 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16**  
**OF THE SECURITIES EXCHANGE ACT OF 1934**

For the month of September 2009

Commission File Number: 0-30628

**ALVARION LTD.**

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(Translation of registrant's name into English)

21A Habarzel Street, Tel Aviv 69710, Israel

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(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): \_\_\_\_\_

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): \_\_\_\_\_

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-\_\_\_\_\_

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The following are included in this report on Form 6-K:

<u>Exhibit</u>	<u>Description</u>	<u>Sequential Page Number</u>
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1.

Press release on **Alvarion® Unveils Industry's First 802.16e WiMAX Solution for License-Exempt Frequency.**  
Dated September 15<sup>th</sup>, 2009

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ALVARION LTD.

Date: September 15<sup>th</sup>, 2009

By: /s/ Efrat Makov

Efrat Makov  
CFO

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**EXHIBIT 1**

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**FOR IMMEDIATE RELEASE**

**Alvarion® Unveils Industry's First 802.16e WiMAX Solution for License-Exempt Frequency**

*Strengthens wireless broadband leadership with new BreezeMAX® Extreme all-outdoor solution for multiple market segments and vertical applications*

**Tel-Aviv, Israel, September 15, 2009** Alvarion Ltd. (NASDAQ: ALVR), the world's leading provider of WiMAX and wireless broadband solutions, today unveiled its new end-to-end BreezeMAX Extreme branded solution for license-exempt and quasi-licensed frequency bands, incorporating the most advanced WiMAX technology available in the market. The BreezeMAX Extreme solution is designed to help speed up the deployment of broadband infrastructure into multiple market segments such as rural residential and business broadband, video surveillance, public safety, municipality operations and services, smart power grids, and government; and is commercially available today. This solution is another milestone in Alvarion's licensed-exempt portfolio that builds upon the strength of company's BreezeACCESS® VL product family.

The BreezeMAX Extreme solution brings a standardized WiMAX solution with enhanced quality of service (QoS) and security to the industry with the intention to lower the cost of high-bandwidth, carrier-class broadband connectivity for a variety of applications resulting in an improved business case.

The new line of BreezeMAX Extreme family of products is based on an all-outdoor zero-footprint platform designed specifically for license-exempt frequency bands. Engineered for the global 5 GHz license-exempt frequency band and for U.S. 3.65 GHz quasi-licensed

FOR IMMEDIATE RELEASE

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frequency band, BreezeMAX Extreme brings the benefits of a complete 802.16e WiMAX offering to the license-exempt segment. Advanced antenna techniques such as MIMO, STC and MMRC along with HARQ support increase data throughput and range. The utilization of 10 MHz and 20 MHz channels enhances capacity. This new solution integrates the radio base station, antenna, ASN gateway and GPS receiver in one compact all-outdoor unit to easily deploy on towers, rooftops and street poles in rural and urban areas.

In addition to being highly scalable and flexible, BreezeMAX Extreme employs complex interference mitigation techniques to allow for robust performance especially since it targets license-exempt frequency bands, and implements dynamic frequency selection (DFS) and automatic frequency selection (AFS).

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More and more markets are opening the doors to a wireless broadband infrastructure, which is requiring more innovative and responsive solutions such as Alvarion's BreezeMAX Extreme, said Monica Paolini, president of Senza Fili Consulting. A standardized WiMAX solution with enhanced quality of service (QoS) and security has the potential to dramatically change the way data services are utilized. The introduction of 802.16e technology to these markets promises to lower the cost of high-bandwidth, carrier-class broadband connectivity for a variety of applications that fit each market's specific needs.

Alvarion's comprehensive license-exempt portfolio now includes the new BreezeMAX Extreme WiMAX solution in addition to BreezeACCESS VL, a flexible and field proven point-to-multipoint solution that is widely deployed all over the world in many countries. Together both product lines will address a variety of applications and market segments.

BreezeMAX Extreme is customized for two different market segments. BreezeMAX Extreme 3650 is targeted for service providers deploying broadband applications to consumers and businesses in the United States. BreezeMAX Extreme 5000 is targeted for WISP, public safety, municipality, smart power grid and government segments enabling applications such as voice, broadband data, and video surveillance.

Alvarion is supporting wireless operators overcome the challenge of cost-effectively serving the significant unmet demand for broadband in multiple market segments, said Tzvika Friedman, president and CEO of Alvarion. The new BreezeMAX Extreme solution will be a catalyst for WiMAX at license-exempt frequency bands and will drive economies of scale from a larger WiMAX ecosystem toward these bands which have traditionally relied on proprietary solutions. It will be among the highest capacity solutions on the market today for the license-exempt bands.

The BreezeMAX family of radio access products is based on fourth generation OFDM radio innovation that provides state of the art 4G functionality in one of the industry's most deployed WiMAX platform with over 250 commercial deployments in service around the globe. BreezeMAX is built with IP and OFDM innovation that spans over 12 years of development experience and provides a carrier class stable platform that allows rapid development of new features. Alvarion complies with the leading international environmental regulations by designing products that are environmentally responsible throughout all phases of their lifecycle.

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

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*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; Alvarion's inability to capture market share in the expected growth of the WiMAX market as anticipated, due to, among other things, competitive reasons or failure to execute in our sales, services provisioning, marketing or manufacturing objectives; 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 **Kika Stayerman**, kika.stayerman@alvarion.com or +972.3.767.4159.

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