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Kulacom Chooses BridgeWave for WiMAX in Jordan, Bahrain

16 June 2009 65 views No Comment



[BridgeWave Communications](#) was chosen today by [Kulacom](#), a telecom company based in Jordan and Bahrain, to deploy its high-capacity links in Kulacom's WiMAX network. Kulacom, established in 2006, provides voice and Internet services to emerging markets. The company [obtained a 3.6 GHz frequency license](#) in January 2008 in order to begin offering broadband services. However, Kulacom needed reliable [backhaul to support their WiMAX network](#) and wanted a wireless solution since they were concerned with speedy deployment.

“When determining which technology to use for backhaul, we debated between trenching fiber and using a wireless solution. Especially in emerging markets, where the infrastructure is weak, we discovered that gigabit wireless was the ideal solution,” said Ian Heath, group chief operating officer at Kulacom.

After consulting with 12 companies, Kulacom chose BridgeWave's [Adapt Rate 80 GHz \(AR80X\)](#) technology for its WiMAX base. Kulacom bought multiple AR80X links for Jordan and Bahrain locations and succeeded in providing a high-quality Internet service to users. As of 2007, there were 465,100 broadband Internet connections in Bahrain and 48,600 broadband Internet connections in Jordan according to the [International Telecommunication Union \(ITU\)](#).

The areas of Jordan and Baharain present climatic challenges, such as severe heat, strong winds, and heavy rainfall; however, Kulacom says that the AR80X links have not failed since their purchase. BridgeWave's 80 GHz link performance and Adapt Rate mode switching provide reliable network connectivity in any weather by

adapting to any given precipitation. When there is torrential rain, transmissions switch from Gigabit Ethernet (GigE) to 100 Mb/s data rates to maintain a highly available link.



“BridgeWave’s technology is appealing to service providers like Kulacom looking for reliable high-capacity backhaul links supporting WiMAX and next generation networks,” said Paul Obsitnik, senior vice president of business development at BridgeWave Communications. “We are pleased to help bring WiMAX to Jordan, and we look forward to Kulacom’s future success.”

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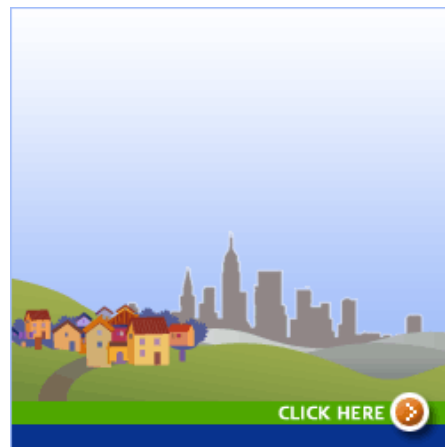
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[Quantum Networks](#) is a worldwide WiMax (Worldwide Interoperability for Microwave Access) service and product provider for the wireless industry based in New York City, at the center of the busiest and most diverse business community in the United States. The company is a leader in infrastructure build-out around the world by providing WiMax equipment, WiMax installation, WiMax maintenance, and WiMax feasibility studies globally.

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