

[Print this Page](#)[Close Window](#)

Redbridge Council Utilizes BridgeWave's Gigabit Wireless Links to Deliver High-Speed Public Safety Video Surveillance System

Posted on : 2009-12-15 | Author : BridgeWave Communications
News Category : PressRelease

SANTA CLARA, Calif. - (Business Wire) BridgeWave Communications, the leading supplier of gigabit wireless solutions, today announced that Redbridge Council has deployed multiple [GE80/GE80X](#) links to improve and extend the delivery of Closed-Circuit Television (CCTV) video surveillance services to the London Borough of Redbridge. The newly deployed links were needed to improve the reliability of the existing network and extend services to remote areas not serviced by the fiber network.

Redbridge is a 22-square mile borough in an area north-east of London. Redbridge Council is comprised of 8,500 staff members dedicated to providing government support and services to a diverse population of more than 238,000 people. The CCTV network infrastructure was comprised of lower frequency unlicensed radios that were no longer providing the consistent reliability needed to support the increasing bandwidth needs of the Borough. As additional sites were brought on-line, interference with the existing systems increased due to the limited frequency agility of the unlicensed 5 GHz systems, which in turn caused degraded camera image quality.

Redbridge Council needed a way to quickly deploy CCTV cameras to trouble spots throughout the borough as part of an overall effort to deter crime and provide rapid response for emergency situations. In addition, CCTV cameras were needed in outlying towns that were too far away from the main town center where the fiber network resides. Extending the existing fiber backbone was not an option due to the prohibitive costs, complicated logistics and the time delays associated with installing fiber.

"We needed a quick and cost effective way to improve the reliability of our existing network and also provide services to some of our remote areas not connected to the fiber network," said Lawrie Morrisson, Group Manager - Electrical Engineering Redbridge Council.

With help from 802Global, a value-added distributor in the UK specializing in digital wireless and surveillance solutions, BridgeWave's 80 GHz gigabit wireless links, GE80/GE80X, were deployed in a ring configuration with additional links providing off-fiber connectivity to remote towns. With the wireless bridges installed, Redbridge Council realizes fiber-like performance, and has ensured the highest network availability to service their communities today with a future-proof solution that will grow with their needs into the future.

"To date the system has worked well for us. It's proved to be a reliable and cost effective method of enabling CCTV even in our remotest areas," said Morrisson. "The remote areas just wouldn't have got CCTV if we hadn't deployed this system because anything else just would have been too expensive."

"We are pleased that Redbridge Council has deployed BridgeWave's

GE80/GE80X products to provide the gigabit speeds that handle the backhaul network connectivity needs for their CCTV system," said Amir Makleff, president and CEO of BridgeWave. "This deployment demonstrates how government agencies can effectively use BridgeWave's technologies to provide community safety and protection."

About BridgeWave Communications

Founded in 1999, BridgeWave Communications is the leading supplier of outdoor Gigabit wireless connectivity solutions. The company's exclusive AdaptRate™ and AdaptPath™ technologies combined with its advanced Forward Error Correction capability deliver the highest availability at the longest distances for full-rate gigabit links. BridgeWave's point-to-point, wireless solutions are widely deployed in mainstream enterprise and service provider network applications and are poised to play a key role in the migration to 4G mobile network backhaul. With the largest installed base of GigE radios worldwide, BridgeWave delivers the highest levels of product quality and reliability. For more information, visit www.bridgewave.com.

BridgeWave Communications
Joe Schraml, 408-567-6927
joe.schraml@bridgewave.com

or
SHIFT Communications
Melissa Roxas, 415-591-8406
mroxas@shiftcomm.com

Print this Page

Close Window

Press Release Print Source :

<http://www.earthtimes.org/articles/show/redbridge-council-utilizes-bridgewaversquos-gigabit,1089994.shtml>

© 2010 earthtimes.org. All Rights Reserved.

This material may not be published, broadcast, rewritten, or redistributed.