Bermuda Police Force Rely on Advantech Wireless and Smartrove Deployed Microwave Network

Advantech Wireless and Smartrove have successfully deployed a large microwave network in the island of Bermuda. This alliance allows Bermuda police department to reach the farthest corners of the island wirelessly and improve law and order by having a 24x7 video surveillance system operate over carrier grade equipment from Advantech Wireless and Smartrove.

“This project is an example of combination two wireless technologies, in the licensed and unlicensed domain. Using the 5, 28Mhz channel width, in the 7Ghz licensed band and frequencies in the unlicensed 5Ghz band, a 99.999 availability video surveillance system has been deployed and successfully been operating for 2 years” said Venkat Kalkunte, President and CEO, Smartrove. Mr Kalkunte continued, "Clearly, as mobile operators are moving to microcellular architectures, innovative wireless backhaul solutions are needed. The Advantech Wireless Transcend™ product line comes at an opportune time to Bermuda and by leveraging Smartrove’s extensive 802.11 mesh solution, it has been possible to have a small, pole-mountable, street-level backhaul solution."

The burgeoning need for high-capacity video camera traffic to meet growth within dense, complex urban areas has become a key motivator for microwave backhaul deployments and is driving innovation in network development initiatives.

The Transcend™ microwave radio line is Advantech Wireless’ second generation microwave system capable transmitting MPEG data directly from broadcast equipment through integrated DVB-ASI interfaces over the microwave link. The DVB-ASI interfaces support standard definition, high definition, and Digital 3D broadcast applications with capacity of 214 Mbps per ASI stream. The Transcend™ product line fully supports SFN networks and various ISDB standards. In addition, the newest Transcend™ 800 can simultaneously carry native IP and native TDM traffic.

“We are extremely pleased to have risen above the competition with yet again”, exclaimed Sergio Elia, Regional Director of Sales at Advantech Wireless. “Our microwave radio product line is the market leader providing a higher level of performance and features at the best possible price.”

For additional information, please visit www.smartrove.com [1]

For further information please visit the company’s web site at: www.advantechwireless.com [2].

Posted by Janine E. Mooney, Editor

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