Massive-Capacity, Auto Aiming & Tracking Wireless Systems

Integrated Solution Enables High Capacity Backhaul for Fixed-to-Mobile and Mobile-to-Mobile Applications

Broadband Antenna Tracking Systems and DragonWave announced the successful integration of BATS' automatic antenna aiming and tracking technology with DragonWave's Horizon packet microwave solutions.

Representing breakthrough technology, BATS' auto-aiming and tracking system uses proprietary search patterns and predictive algorithms to automatically setup and allow mobility for broadband radios. When coupled with DragonWave's Horizon Compact and Horizon Compact Plus, capacity of 500 Mbps to 1 Gbps per 56-MHz channel is delivered between fixed-to-mobile or mobile-to-mobile locations. BATS automates antenna alignment and typically acquires a wireless network link within minutes, then monitors network performance. to automatically reposition the antenna and maintain optimal wireless network throughput. In effect, the system enhances mobility while simplifying the installer's tasks.

The integrated system from BATS and DragonWave offers great benefits to industries such as oil and gas exploration, emergency response and the military, where operational environments lack infrastructure and are often in remote or environmentally hostel locations, and allows for more streamlined communication and data management processes.
"By working together, we're introducing a viable solution that reduces the number of hours and personnel needed to accurately locate, establish and continuously maintain a high-speed, wireless network connection," said Phil Cramer, Vice President of Sales and Marketing at BATS.

"DragonWave is committed to delivering unmatched backhaul solutions that provide the capacity, flexibility and cost efficiency needed for a smooth transition to high-bandwidth packet networks," said Greg Friesen, Vice President of Product Management at DragonWave. "Our collaboration with BATS creates a new solution set to deliver high capacity for rapid deployment and mobile applications."

For more information, visit http://www.dragonwaveinc.com [1].

Posted by Janine E. Mooney, Associate Editor

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