



FOR IMMEDIATE RELEASE

UNWIRED AUSTRALIA SELECTS DRAGONWAVE FOR MULTI-YEAR EXCLUSIVE SUPPLY AGREEMENT IN NATION'S FIRST 4G MOBILE WIMAX NETWORK

Horizon Compact Will Provide Connectivity Between the Vivid Wireless Perth Base Stations and Network Core

Ottawa, Canada, September 22, 2009 - DragonWave Inc. (TSX: DWI) a leading global supplier of packet microwave radio systems for mobile and access networks, today announced a multi-year exclusive supply agreement with Unwired Australia to supply wireless backhaul for the forthcoming Vivid Wireless Perth network. Vivid Wireless—Australia's first "4G" mobile WiMAX network deployment—will rely on DragonWave's Horizon Compact for backhaul connectivity of up to 200 Mbps initially.

"DragonWave's reputation for proven WiMAX backhaul and expertise is well established globally," said David Spence, Chief Executive Officer with Unwired Australia. "We put the Horizon Compact through a battery of field trials, and it consistently demonstrated reliable performance, advanced spectral efficiency and ease of use in degrees that differentiated the DragonWave solution from others that we evaluated. In addition, the Horizon Compact is a highly scalable platform in a small, all-outdoor form factor that will support our growth."

Unwired Australia will help build and operate the Vivid Wireless Perth network, scheduled to launch in March 2010, which will introduce wireless consumer Internet services peaking at more than 20 Mbps+. DragonWave's Horizon Compact— an all-outdoor chassis which integrates traditional split indoor modem and outdoor radio functionality in a single unit—will backhaul the Vivid Wireless Perth network traffic between the network core and about 150 wireless base stations around Perth.

"Vivid Wireless will be the fastest wireless broadband network in Australia to date, and it's the first major carrier network win for DragonWave in this country," said Peter Allen, President and Chief Executive Officer of DragonWave. "We're extremely excited to be a partner in expanding unprecedented services to their consumer and business markets across Australia. This is an important partnership and we look forward to building upon this win across the region"

DragonWave Horizon products operate in both licensed and unlicensed radio frequencies between 6 and 38 GHz. An uncompromised product design delivers pure "packet" microwave performance with software scalable, ultra-low latency transport of up to 4 Gbps per link. Extremely easy to deploy and manage, DragonWave products deliver carrier-grade (99.999%) interference-free performance in next-generation IP networks.

About Unwired Australia

Unwired Australia is Australia's leading provider of WiMAX solutions. With extensive spectrum assets in all mainland capital cities Unwired has operated a pre-WiMAX network in Sydney and Melbourne, as well as offering corporate services through Unwired Business.

About DragonWave

DragonWave® is a leading provider of high-capacity packet microwave solutions that drive next-generation IP networks. DragonWave's carrier-grade point-to-point packet microwave systems transmit broadband voice, video and data, enabling service providers, government agencies, enterprises and other organizations to meet their increasing bandwidth requirements rapidly and affordably. The principal application of DragonWave's products is wireless network backhaul. Additional solutions include leased line replacement, last mile fiber extension and enterprise networks. DragonWave's corporate headquarters is located in Ottawa, Ontario, with sales locations in Europe, the Middle East and North America. For more information, visit <http://www.dragonwaveinc.com>.

DragonWave® and Horizon® are registered trade-marks of DragonWave Inc.

Forward-Looking Statements

Certain statements in this release constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements include statements as to the potential benefits of, and demand for, DragonWave's products. These statements are subject to certain assumptions, risks and uncertainties, including our view of the relative position of DragonWave's products compared to competitive offerings in the industry. Readers are cautioned not to place undue reliance on such statements. Risk factors that may cause the actual results, performance, achievements or developments of DragonWave to differ materially from the results, performance, achievements or developments expressed or implied by such statements can be found in the public documents filed by DragonWave with Canadian securities regulatory authorities which are available on www.sedar.com. DragonWave assumes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as expressly required by law.

Media Contacts

Nadine Kittle
Marketing Communications
DragonWave Inc.
nkittle@dragonwaveinc.com
Tel: 613-599-9991 ext 2262

Becky Obbema
Interprose Public Relations
(for DragonWave)
Becky.Obbema@interprosepr.com
Tel: (408) 778-2024