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TROPOS NETWORKS UNVEILS FIRST STRATEGY TO BRING WiMAX TO METRO-SCALE Wi-Fi

Company to Offer Open Standard WiMAX Benefits, Including Licensed Band Operation, to Municipalities, Service Providers and Carriers Deploying Metro-Scale Wireless

SUNNYVALE, CA – October 27, 2004 – Tropos Networks, the leading supplier of equipment used to build metro-scale broadband networks, today announced the industry's first strategy for integrating open-standard WiMAX into new and existing metro-scale Wi-Fi networks. The Tropos WiMAX integration strategy incorporates WiMAX in three phases, as follows:

Phase 1 (2005): Tropos will support 802.16-2004 WiMAX as a point-to-multipoint backhaul link from Tropos metro-scale Wi-Fi networks to local points-of-presence (PoPs). This standards-based solution will improve price/performance versus current proprietary alternatives and offer operation in both licensed and unlicensed bands.

Phase 2 (2006): Tropos will introduce 802.16-2004 WiMAX within the metro-scale Wi-Fi network to provide inter-cell connectivity. In conjunction with Phase 1, this will allow quality of service (QoS) capabilities and licensed-band operation to the edge of the network, while still supporting Wi-Fi clients. The Tropos cells will automatically select the frequency bands and access methods that provide the best end-to-end performance.

Phase 3 (2007-8): Tropos cells will support 802.16e WiMAX client connections in both licensed and unlicensed bands, along with continued support for Wi-Fi clients. This will allow both licensed-band and unlicensed-band client operation and will offer mobility enhancements.

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“Our three-phase strategy allows municipalities, service providers and carriers to install metro-scale Wi-Fi today, knowing that they will be able to seamlessly integrate WiMAX as product technology matures,” said Ron Sege, President and CEO of Tropos Networks. “They can have the best of both worlds, immediately offering the high performance, low cost and ease of use Tropos metro-scale Wi-Fi networks to the installed base of over 75 million Wi-Fi clients while laying the groundwork for WiMAX and its benefits, including licensed spectrum operation, improved price/performance for point-to-multipoint backhaul, enhanced QoS capabilities and improved client mobility.”

“Through investments and technology development Intel has been and continues to be a big proponent of broadband wireless technology,” said Scott Richardson, general manager of Intel’s Broadband Wireless Division. “This strategy reinforces the complimentary nature between Wi-Fi and WiMAX and the impact it will have to bring high-speed Internet access to areas around the world.

“WiMAX is an open-standard radio technology that adds licensed spectrum support, QoS and designed-in mobility to today’s metro-scale Wi-Fi mesh networks,” said Ian McPherson, President of Wireless Data Research Group. “Dense cell, mesh networks economically bring true broadband throughput and great coverage to mobile WiMAX networks. It’s a win-win partnership.”

For more information regarding the integration of WiMAX into metro-scale wireless networks, please see the Tropos Networks white paper, “Open Standard Radio for Broadband: Wi-Fi to WiMAX,” available at <http://www.tropos.com/technology/whitepaper.shtml>.

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About Tropos Networks, Inc.

Tropos Networks, Inc. is the leading supplier of systems used to build metro-scale, outdoor Wi-Fi networks. Tropos’ unique Wi-Fi cells, along with the first element manager to control large Wi-Fi networks, enable public agencies and service providers to deliver ubiquitous, city-wide mobile broadband to users in any locale. These carrier-class IP networks are low cost and easy to install and scale. The Tropos cellular mesh architecture and use of optimized open-standard radios dramatically reduce the need for wired backhaul while eliminating expensive proprietary clients and complex software. Using the patented Predictive Wireless Routing Protocol, Tropos solutions deliver maximum bandwidth to the user regardless of conditions, at unprecedented Wi-Fi network scale. Tropos Networks is headquartered in Sunnyvale, California. For more information, please visit www.tropos.com, call 408-331-6800 or write to info@tropos.com.

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