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MILPITAS, CALIFORNIA, DEPLOYS METRO-SCALE WI-FI PUBLIC SAFETY NETWORK FROM TROPOS NETWORKS

Silicon Valley City Builds Metro-Scale Wi-Fi Network to Provide Field Officers Access to Broadband Applications Previously Unavailable Outside of Police Headquarters

MILPITAS, CA – June 8, 2004 – Tropos Networks, the leading supplier of equipment used to build metro-scale Wi-Fi networks, today announced that the City of Milpitas, California, has deployed a five square mile Wi-Fi network for use by the city’s law enforcement officers. For the first time, officers in this Bay Area suburb have in-vehicle access to a variety of broadband applications including crime databases, records management systems, and traffic & incident video feeds. Access to these applications will soon be expanded to include the city’s fleet of motorcycle patrols as well as the more than 20 engines of the Milpitas Fire Department. Future plans call for the expansion of the Wi-Fi network to cover the entire 10 square mile inhabited footprint of the city,

“Effective communications in our public safety agencies is of paramount importance to ensuring a safe community,” said Bill Marion, Information Services Director for the City of Milpitas.

“Secure in-field access to critical information is a key element of that effectiveness. The Tropos solution allowed us to quickly deploy the broadband wireless network that makes this access possible, with the lowest total cost of ownership for the city. The sophisticated management and scalability features in the Tropos release 3 make this the ideal product for our city’s needs.”

“Milpitas is another crowning example of how technology can improve the safety of a community,” said Ron Sege, President and CEO of Tropos Networks. “The simplicity and flexibility of the Tropos solution allowed this cutting-edge city to rapidly deploy a communications network with up to ten times the performance of traditional wireless and cellular technologies at a fraction of the cost.”

In this community of over 63,000 residents, the police department will be the anchor tenant of the metro-scale Wi-Fi network. Using Wi-Fi enabled data terminals installed in each of the more than 30 patrol vehicles in the city’s motor pool, officers will have access to broadband applications previously unavailable over the low bandwidth CDPD connections purchased by the city. Officers now have fully-secure in-field access to IP based applications such as the Cal Photo Database, California Gang Database, and DMV records and photos, as well as computer aided dispatch (CAD) and records management systems (RMS). Additionally, Milpitas Police uses the Tropos network to link and access a network of video cameras monitoring high-traffic areas throughout the city; officers can now assess transportation snarls and traffic incidents from any patrol vehicle within the Wi-Fi coverage area, improving the effectiveness of community policing. In the near future, the Milpitas Fire Department will use the same broadband Wi-Fi network to access hazardous materials databases, incident video, and mobile dispatch applications. Other municipal workers, such as building inspectors, traffic engineers and code-enforcement officers, are expected to utilize the network as well.

The infrastructure of the Milpitas network is made up of Tropos 5110 Wi-Fi cells, an outdoor-optimized and ruggedized node based on the 802.11 standard. The Tropos 5110 quickly and economically uses the intelligent Tropos Predictive Wireless Routing Protocol (PWRP) to provide pervasive coverage over metro areas. The Tropos PWRP routes traffic wirelessly, eliminating up to 95% of the wired backhaul associated with traditional access point solutions. Tropos Wi-Fi cells form a wireless mesh, dynamically routing traffic along the highest throughput path to a wired gateway. This intelligent routing negates effects of radio frequency (RF) interference, wired backhaul failure and node failure. PWRP also scales to thousands of nodes with the lowest routing overhead in the industry. Milpitas is using a combination of city-owned fiber and fixed point-to-point wireless technology for its backhaul connections.

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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