

**Media Contact:**

Scott Green  
CLS Communications, Inc.  
650-679-9044  
teamgreen@rcn.com

**TROPOS NETWORKS METROMESH™ ARCHITECTURE BRINGS MULTI-USE  
CAPABILITY TO METRO-SCALE WI-FI MESH NETWORKS**

*Ability to Leverage Metro-Scale Wi-Fi Mesh Networks Across Many User Communities and  
Applications Maximizes ROI for Municipalities and Service Providers*

**SUNNYVALE, CA – February 16, 2005** – Tropos Networks, the proven leader in delivering truly ubiquitous, metro-scale, Wi-Fi mesh network systems, today announced significant enhancements to the capabilities of its metro-scale optimized Wi-Fi mesh architecture. The new features of the architecture, now called Tropos MetroMesh™, add multi-community capabilities that enable multiple user groups to run and manage separate, secure networks on a single metro-scale Wi-Fi mesh infrastructure. MetroMesh's multi-use capabilities are implemented in the new Tropos MetroMesh OS release 4 and Tropos Control release 4. The real-world benefits of MetroMesh, with the patented metro-scale optimized Predictive Wireless Routing Protocol (PWRP™) are illustrated in a new whitepaper, "MetroMesh Proven: Metro-Scale Wi-Fi in Chaska, MN," available at [http://www.tropos.com/pdf/chaska\\_performance.pdf](http://www.tropos.com/pdf/chaska_performance.pdf).

"We are extremely pleased with our Tropos MetroMesh solution," said Bradley Mayer, IS Manager of the City of Chaska, "Our 16 square mile metro-scale Wi-Fi mesh system now serves more than 2,500 residential and municipal users and performance has been spectacular. Our city could not be more pleased with the results. We expect the new MetroMesh features to give our system even more flexibility and value."

The new software, when combined with Tropos Networks' purpose-built MetroMesh routers, allows each group of users on a metro-scale Wi-Fi mesh network to have its own virtual network with its own address space, security encryption mechanisms, access control and classes of service, all administered independently from other user groups. All aspects of each virtual network can be centrally monitored and managed using the Tropos Control element manager.

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“The best way to maximize return on investment in a metro-scale Wi-Fi mesh network is to leverage one physical infrastructure across many user communities,” said Ron Sege, president and CEO of Tropos Networks. “There are many viable models for multi-use networks, including cities offering services to multiple municipal departments and to the public, service providers offering mobile services to city government and local enterprises as well as fixed services to residents and small businesses, and network operators acting as a carriers’ carrier.”

“The key to successfully serving and managing multi-community, metro-scale Wi-Fi mesh user groups is the software intelligence built in to the network and its management system,” said Craig Mathias, a Principal at the mobile and wireless advisory firm Farpoint Group (Ashland, MA). “With metro-scale Wi-Fi already a mission-critical facility in so many communities, the enhancements Tropos Networks has added to their product line will prove to be of great value and benefit as metro-scale Wi-Fi continues its evolution towards ubiquity.”

MetroMesh’s multi-use capabilities enable a number of use cases. For example, in a municipal Wi-Fi mesh network, various departments such as police, fire, emergency services, building inspections and public works can each have its own network that can be administered separately from the others with different access and security policies. The network can also be opened for public access. Municipalities can set up virtual networks for first responders from neighboring communities, providing broadband network access in mutual aid situations.

Tropos MetroMesh OS and Tropos Control release 4 will be generally available in March 2005. They are offered at no additional charge to existing Tropos Networks customers with valid technical support subscriptions.

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#### About Tropos Networks, Inc.

Tropos Networks is the proven leader in delivering truly ubiquitous, metro-scale, Wi-Fi mesh network systems. We deliver the fastest, lowest cost and simplest wireless broadband solutions, as demonstrated by the world’s largest installed base of metro-scale Wi-Fi mesh networks. Our innovative and patented MetroMesh™ architecture allows public safety agencies, municipalities and service providers to quickly and easily deliver city-wide mobile broadband connectivity to users in any locale. With more than 10x better price/performance than alternative technologies, Tropos solutions provide standards-based access to any IP application, including voice, data and video. Tropos Networks is headquartered in Sunnyvale, California. For more information, please visit [www.tropos.com](http://www.tropos.com), call 408-331-6800 or write to [info@tropos.com](mailto:info@tropos.com).

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