

Media Contacts:

Scott Green
CLS Communications
650-679-9004
teamgreen@rcn.com

Katherine Martin
NASA
216-433-2406
Katherine.K.Martin@nasa.gov

TROPOS WI-FI HOTZONE EQUIPMENT TESTED AT METEOR CRATER

SAN MATEO, CA, December 10, 2003 – Tropos Networks, Inc. today announced that its Tropos 5110 Wi-Fi cells were successfully tested by NASA at its on-site field trial at Meteor Crater in Arizona as part of NASA's multi-center, human-robotic exploration research. The company said that this is the first time NASA has used outdoor cellular Wi-Fi technology as the communications network for potential interplanetary exploration.

The Tropos Wi-Fi equipment was selected for evaluation because it enables quick and economical deployment of highly reliable, large-scale wireless hot zones. These outdoor Wi-Fi hot zones compliment and ubiquitously extend the ability to communicate from traditional Wi-Fi hot spot equipment already in use within the program.

NASA is interested in connecting multiple nodes in a Wi-Fi mesh network in the future, including: a PC installed with a Wi-Fi client adaptor embedded in two space suits, an Extra-Vehicular Activity Robotic Assistant with multiple computers connected via Wi-Fi, a Science Trailer and Lunar Planetary Science Module with multiple Wi-Fi nodes, as well as other sensor webs of cameras, microphones, and other science equipment on the simulated planet surface.

- more -

2-2-2 Tropos Wi-Fi Hotzone Equipment Tested at Meteor Crater

NASA evaluated two and three-node Tropos Wi-Fi cells covering a one to two square mile hot zone. The purpose was to simulate the area of an interplanetary exploration mission with a base camp and operating area surrounding it and test communications between a base camp server and a mobile test computer running an 802.11b client.

During the demonstration, NASA tested the network using IPerf performance monitoring tools and conducted trials using a roaming client device. IPerf is one of several software tools that provide a “goodput” measurement of the effective (useful) data throughput between two nodes through a diverse network.

NASA communications engineers measured a reliable 1 Mbps at a range of 1.3 miles from the base camp using a simple laptop inside a moving vehicle with no external antenna. As a result of the successful evaluation of the Tropos cellular Wi-Fi technology, NASA said that they will pursue the use of the Tropos equipment in their production network for future field testing.

“The NASA tests are a compelling validation of the reliability and economics of the Tropos equipment and approach to building large-scale Wi-Fi hot zones in general and for mission-critical applications in particular,” said Dave Hanna, president and CEO of Tropos Networks, Inc.

- 30 -

About Tropos Networks, Inc.

Tropos Networks, Inc., is a leading supplier of systems used to build metro-scale Wi-Fi networks. Tropos products enable network operators, service providers and government departments to provide ubiquitous, metro-scale, broadband, wireless data coverage for users in any locale. Tropos solution creates a truly wireless network, free from the requirement of per node wired connectivity associated with Wi-Fi hot spot deployments using access points. Tropos products enable larger coverage areas, decreased installation costs and decreased operational costs. Formerly FHP Wireless, Inc., Tropos Networks is headquartered in San Mateo, California. For more information, please visit www.tropos.com, call 650-286-4250 or write to info@tropos.com.

Tropos Networks and Tropos are trademarks of Tropos Networks, Inc. All other brand or product names are trademarks or registered trademarks of their respective holder(s).

###