

SkyPilot Enhances Wireless VoIP Support with Upgrade to SyncMesh™

New Software Version Supports Wi-Fi VoIP Phones

Santa Clara, CA – March 19, 2007 – SkyPilot Networks, the leading provider of carrier-class broadband wireless mesh networks, today announced the availability of SyncMesh™ software version 1.5, which enhances the voice over IP (VoIP) capabilities across SkyPilot's mesh products. The upgrade includes support for Wi-Fi VoIP handsets and improvements to SkyPilot's quality of service (QoS) algorithms throughout the mesh.

"The introduction of dual-mode cellular/Wi-Fi VoIP phones provides a great opportunity for large-scale Wi-Fi mesh networking," said Brian Jenkins, vice president of product management for SkyPilot. "Our ability to provide VoIP service guarantees over a multi-hop unlicensed mesh networks is a source of great pride for us and will enable our customers to expand the reach of their business-class VoIP services."

The only synchronous mesh protocol on the market, SkyPilot's SyncMesh software uses a highly accurate GPS timing source to schedule and coordinate simultaneous transmissions. As a synchronous protocol, VoIP traffic can be guaranteed with low latency and low jitter to ensure high-quality voice calls.

"We see VoIP as a great application for our municipal Wi-Fi networks," said Chuck Haas, CEO of MetroFi. "We anticipate that city governments will be one of the early users of this capability in order to increase city worker productivity and reduce city operating costs. One of the reasons we chose SkyPilot was their unique ability to provide a synchronous mesh that allows us to provide high-quality voice applications without requiring us to re-architect our network."

New capabilities offered by SyncMesh version 1.5 include:

- 802.11e/Wi-Fi Multimedia (WMM) support – Industry-standard prioritization of Wi-Fi traffic is provided to enhance QoS for applications like Wi-Fi VoIP;
- Increased prioritization granularity – The total number of priority queues is increased to enable network operators to fine-tune traffic guarantees across the mesh;
- Enhanced queue management – Per-device queue management is improved to lower per-hop latency for high-priority traffic;

- Enhanced end-to-end mesh prioritization – Link-by-link prioritization is improved to lower latency for traffic throughout the mesh; and
- Enhanced scheduling fairness – A weighted scheduling algorithm is added for large-scale networks to provide better fairness of throughput throughout the mesh.

SyncMesh version 1.5 is currently available and is offered as a free upgrade for SkyPilot customers.

About SkyPilot Networks

SkyPilot Networks is the leading provider of carrier-class wireless mesh solutions that enable service providers, municipalities, and public safety agencies to rapidly deploy cost-effective broadband access, voice over IP, public and private Wi-Fi access, video surveillance, and other wireless applications. The SkyPilot solution utilizes a patent-pending synchronous mesh architecture with high-speed switched directional antenna arrays that extends reach, mitigates interference, and maximizes spectral reuse. The result is a highly scalable, reliable, and deterministic mesh network that simplifies design, increases deployment flexibility, and dramatically reduces equipment and operating costs. SkyPilot has proven scalability and reliability with over 300 customers in more than 50 countries. SkyPilot is a privately held company based in Santa Clara, California. For more information on SkyPilot and its solutions, contact pr@skypilot.com or visit <http://www.skypilot.com>.

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