

SkyPilot and Triad Wireless Partner to Deliver Mesh-Based Municipal Wireless Network for Boulder City

SkyPilot's Mesh Networking Products Selected for Superior Security, High Bandwidth, Range of Service, and Ease of Deployment

Santa Clara, December 12, 2005 - SkyPilot Networks, a leading provider of carrier-class mesh networking systems, and Triad Wireless, a system integrator for private and public wireless networks, today announced that Triad has selected SkyPilot products to deliver the 4.9 GHz public safety mesh and 5.8 GHz mesh backhaul portions of Boulder City's (Nevada) city-wide municipal wireless network. As part of its winning proposal for Boulder City's municipal network, Triad Wireless specified SkyPilot equipment due to its unique high-power capabilities, which allow the mesh to be miles apart, and its carrier-class synchronous protocol for VoIP capabilities. This extended range design is unique in the 4.9 and 5.8 GHz market.

"Boulder City's highest priority is to improve the performance of its wireless public safety network, provide increased security to the city network, integrate all the city buildings into the same backbone, and upgrade the city network," said Rory Conaway with Triad Wireless. "That's why we've recommended they move to our S.P.I.R.I.T. (Secured Public Integrated Radio Infrastructure Technology) system which is based on SkyPilot 4.9 GHz equipment. SkyPilot's products deliver vastly improved performance and carrier-class reliability, two criteria that are essential for effective public safety. At the same time, we've recommended additional 5.8 GHz mesh network topology for backhaul purposes to provide scalable bandwidth to support future growth. SkyPilot's product family addresses each of these requirements with a price/performance solution that is unbeatable in the industry."

Boulder City's public safety portion of its municipal wireless network will enable its police department to utilize surveillance cameras in police vehicles as well as access multiple motor vehicle and disparate agency databases from its squad cars. This has not been possible with its current 2.4 GHz network due to bandwidth constraints. Because the 4.9 GHz frequency band provides a much greater coverage area, Boulder City's police department will be able to utilize video surveillance to monitor its officers and transmit images while they patrol a 45-mile area extending out to the city of El Dorado, Nevada. As a result, the city can manage its expanded Wi-Fi network coverage at a lower cost with its existing police force to save on resources and budget.

By leveraging SkyPilot's 5.8 GHz mesh backhaul capability, Boulder City will benefit from expanded coverage areas, the ability to route traffic around obstructions, maintain fault tolerance with failover routing and segment network traffic for optimal load balancing. Equally important, the city will have a single, common network to manage. The 5.8 GHz equipment will also support integration of the 16 city buildings into the same network backbone. Currently, these buildings are either not connected or connected through commercial VPN internet connections. This provides additional security, management, and the capability of upgrading to VoIP later as the city upgrades its phone system.

"Boulder City's decision to use SkyPilot really showcases our ability to accommodate the public safety and mesh backhaul requirements for next-generation municipal wireless networks," said SkyPilot's vice president of product management, Brian Jenkins. "Boulder City is a forward-thinking municipality that recognizes the critical need to integrate resilient public safety and general purpose Wi-Fi with the ability to scale to support future requirements. They provide yet another proof point demonstrating how broadly applicable and cost-effective SkyPilot solutions are."

About Triad Wireless

Triad Wireless is a Wireless Internet Company that specializes in unique applications that go beyond standard wireless infrastructures. The Triad team brings degreed engineers with 15 years of RF experience and certifications in wireless networking, IP network infrastructures, Cisco, Enterasys, HP, and Microsoft

products. Triad has pioneered long range, redundant, and high penetration designs coupled with network engineering and implementations that have set new standards in Wide Area Deployment and in building designs. The unique ideas and applications that Triad has developed have now become marketed standards by companies that have seen these ideas implemented in the field by Triad. We create a secured environment utilizing industry leaders in wireless hardware and network infrastructure and integrate these with proprietary antenna technology and engineering to develop a superior design and a highly effective solution.

About SkyPilot Networks

SkyPilot Networks is a leading provider of carrier-class mesh networking systems that enable carriers, service providers, and municipalities of all sizes to easily deploy cost-effective voice and data services. The SkyPilot solution offers quick time-to-revenue and a compelling return-on-investment by extending reach, routing around obstacles, and increasing deployment flexibility, thereby dramatically reducing equipment and operating costs. The SkyPilot products provide a highly scalable and reliable wireless mesh backhaul with a choice of CPE or Wi-Fi access. SkyPilot Networks is a principal member of the WiMAX Forum™ and 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>.