

SIMOCO AMERICAS WINS CONTRACT WITH SEDONA FIRE DISTRICT, USA



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Radio communications specialist Simoco Americas has won a contract to provide radio communications technology to Sedona Fire District, Arizona, USA - the latest in a growing number of emergency service providers to select the company's PMR technology.

The agreement sees Simoco Americas implement its Simoco Dalman Solar Simulcast System, with plug and play IP technology, which delivers radio communications and access to VoIP, the Internet and Windows server.

Covering a region of over 168 square miles, Sedona Fire District provides fire and emergency medical services across the region, and acts as the primary Public Safety Answering Point (PSAP). To support these roles, the organisation needed to update its existing IP backhaul network, while ensuring clear, reliable radio communications across the area's diverse terrain.

With deep canyons, mountains, low-lying zones and elevation changes of over 5,000 feet, the key challenge was to manage overlapping coverage with a total of three transmit and nine receive sites throughout the area. To aid transition to the new system it was also important that the equipment would run on the same radio frequency channel as the redundant technology.

Bob Motz of Sedona Fire District, commented: "The safety of our community and visitors is our priority. Each year we respond to vast amounts of emergency calls, with people's lives depending on our actions and communications. This level of responsibility means we can't leave our radio contact to chance; we have to have a solution that we know will perform 100% every time.

Simoco Americas offered us a system that can be used with our existing base stations, and could easily be integrated with our operating voter and console. Performance, durability and ease of maintenance were key

in our selection, and the solution we now have will enable us to secure communications no matter what the terrain.”

The new Simoco Dalman Solar Simulcast will be used by 78 full time operational personnel, and 38 support personnel, with a comprehensive testing and role out plan implemented by Simoco Americas and Sedona Fire District’s experienced radio engineers.

“The installation and testing supported our decision to choose the Simoco system,” adds Bob. “We didn’t have to change the delay offset from zero, the line fail talk through worked perfectly, the DTMF passed through the system with no problems, and our mobiles could not tell when they were in overlap, providing us with a seamless transition and, vitally, more reliable communications.”

In addition to challenging terrain, the Sedona Fire District also has to contend with weather conditions that can vary from summer monsoons and extreme heat to micro bursts and snow, providing an environment that can be extremely challenging for radio communications.

Ian Carr, Simoco Americas Chief Executive, says: “Emergency service communication cannot be left to chance. Our system delivers the quality, durability and ease of use needed to ensure personnel can communicate no matter how challenging the conditions. With potentially difficult terrain and weather to deal with, Sedona Fire District are relying on our technology to help them save lives, underlining the reputation we have for delivering the finest radio solutions.