

should perform for you through thick and thin.

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DISPATCH SYSTEMS & EQUIPMENT

Reduce Traffic

Scout with Frontier Technology by Avtec is a software application that dynamically passes relevant voice traffic across wide area network using only unicast communication. Reducing network traffic, Avtec's end-to-end Voice over Internet Protocol (VoIP) console system supports up to 16 sites and 800 endpoints.

—FYI: www.avtecinc.com



Integrated Solution

Recently, C4i with support from the National Park Service developed an integrated solution to assist a high-altitude search-and-rescue training facility located in the mountains of eastern California. The base dispatch center was having difficulty communicating across a high peak to personnel on the other



side, as well as with aircraft. The solution involved several components—C4i's SwitchplusIP dispatch console system housed in the main control facility, which was then connected via Ubiquiti high-speed wireless IP links to C4i's Radio Interface Units (RIUs) on the peak. The RIU allowed transmission and reception of audio from the various land mobile radios (LMRs) on the IP network. Lack of cabling was solved by the use of solar panels and wind generators to maintain a charge on the battery power supplies.

Now, operators can use the SwitchplusIP console to monitor multiple radio channels, patch or cross-band VHF and UHF channels, and transmit on one or multiple channels from the control facility. C4i's solution allows the use of one radio to communicate with all channels using the integrated cross-banding feature of the SwitchplusIP system. The cross-banding capability also enabled direct communications between units within the training area regardless of terrain. Additionally, reliable communication with aircraft was achieved at more than three times the previous range.

—FYI: www.c4i.com

Customize It

Emergency CallWorks third generation software unites public safety solutions



for calltalking, mapped ALI and computer aided dispatch (CAD). The software supports the company's founding principle to streamline and simplify the complexity of traditional, legacy public safety answering point (PSAP) products by deploying a single, easy-to-customize workflow solution converging Web-based technologies, customer premise equipment (CPE) and calltalking-to-dispatching functionality into one modular application.

Some of the new features include an easy-to-tailor configuration that allows

channel partners and users to remove, add or adjust agency- and operator-specific items, including notifications, agency data, incident types, dispositions, priorities and mobile unit configuration. Dispatching and call-handling improvements provide intuitive transfer methods to aid busy multi-agency operators. Mapping improvements support the customizable Hover Query feature and improve search criteria.

—FYI: www.emergencycallworks.com

The Gateway

Catalyst Communications Technologies, Inc. introduces a CSSI Gateway for its IP Console solution. CSSI is



the P25 Console Subsystem Interface as specified in the TIA standards. The Catalyst CSSI Gateway may be added to new and existing IP Console systems for voice dispatch to public safety and other critical communications agencies.

—FYI: <http://www.catcomtec.com>

Performance Tested

Zetron has successfully tested its Advanced Communication (Acom) system using CSSI-based technologies with seven leading manufacturers' radio infrastructure systems. The tests, written according to the TIA CSSI

