



Raytheon

ACULink

Issue 3

Volume 6

July - Sept. 2011

Decades of Proven Communications Solutions

A BRIEF LOOK INSIDE

Raytheon to Provide Wisconsin County's First Interoperable Communications System

Pages 2 - 3

Raytheon Successfully Links P25 Mobile Radio with Zetron's Dispatch Console System

Pages 3- 4

Training Schedule

Page 4

Upcoming Events

Page 5



ZETRON



If you are interested in learning more about Raytheon's Civil Communications Solutions please contact us at CivComms.Sales@raytheon.com

Raytheon Debuts an Interoperable Server System With Digital and Analog Interfaces for Legacy FM Radio, P25 and 4G LTE

Raytheon Civil Communications Solutions has developed a new server-based system that links 4G LTE and P25 systems over the same network. This ensures that public safety officials can all stay connected when they need it most, whether a firefighter using a legacy FM handheld, an EMS technician with a P25 radio or a police officer with an LTE-linked mobile data computer in a squad car.

Suitable for a wide variety of interoperability applications, the new Raytheon server is scalable, from individual cities to large regions, as desired by each customer. The system uses gateways (such as Raytheon's recently-released ACU-5000) for local interoperability and also to convert non-IP communications (from radios, telephones, etc.) for transfer to the server. IP-based communications are brought directly to the server.



Photo caption: Raytheon's ACU-5000 can be used as a gateway for local interoperability

(Interop. Server Release continued on Page 2)

"Interop. Server Release" continued from page 1
"Interoperability in a large-scale disaster is critical," said Bill Iannacci, director of Civil Communications Solutions for Raytheon's Network Centric Systems business. "Raytheon's interoperable server solution promotes customer choice, as it integrates the existing equipment of each city and has built-in ability to support next-generation communications technology. This allows municipalities to upgrade hardware, from their preferred vendors, as budgets allow."



Photo Caption: GUI (Graphical User Interface) software, built into Raytheon's recently released ACU-5000

Raytheon's ACU (Audio Connect Unit) technology initiated the radio interoperability gateway concept in the late 1990s, and the new server system assists its users by incorporating all of the lessons learned since then. High among these is the understanding that during a disaster or other type of incident that requires inter-agency interoperability, most of the links will be local. The new system maintains this local interoperability, as well as the means to control it, even if infrastructure failure breaks the network link to the server.

For more information on Raytheon's Interoperable Server System please contact, CivComms.Sales@raytheon.com.

Raytheon to Provide Wisconsin County's First Interoperable Communications System

Raytheon Civil Communications Solutions has been awarded a contract to provide Rock County, Wis., with its first interoperable communications system, a 20-site conventional P25 digital land mobile radio system. It will provide seamless communications across public safety and municipal services within the county, which spans more than 700 miles in the South-Central portion of the state.



Photo Caption: Raytheon's P25net Solution rack installation

(Wisconsin County Win continued on Page 3)

"Wisconsin County Win " continued from page 2

"Because of the upcoming Narrowband Mandate, our vendor, General Communications of Madison, Wis., recommended Raytheon's P25net system. We currently have an analog VHS conventional voted system and were looking to continue utilizing our installed bases and receivers," stated Dave Sleeter, director of Rock County Communications Center. "Raytheon's system will allow us to convert our existing equipment to P25 conventional voting at a fraction of the price of replacing all of our equipment."

The Raytheon P25net system provides more than 100 channels with voting, multicast and simulcast technologies to provide communications for police, fire, EMS, Sheriff, transportation and municipal city workers. The system offers Rock County cost savings, service improvements and customer-driven migration benefits.



"Raytheon goes to great lengths to provide each of our customers with the best solution for their unique requirements and situation," said Bill Iannacci, director of Civil Communications Solutions for Raytheon's Network Centric Systems. "We were able to provide Rock County with a solution that leveraged their existing investment and enabled a smooth migration to a new digital P25 radio system. Raytheon is proud to provide a solution that meets

our customers' needs today and enables them to grow into the future."

The Raytheon solution will promote customer choice, enabling cities to acquire their P25 subscriber units as budgets allow from their preferred vendor. Raytheon will be responsible for system design, equipment, installation, testing, training, warranty and maintenance services.

For more information on Raytheon's P25net System please contact, P25net.Sales@raytheon.com.

Raytheon Successfully Links P25 Mobile Radio With Zetron's Dispatch Console System

Raytheon Civil Communications Solutions successfully integrated and tested its P25net land mobile radio with the Zetron Acom digital dispatch control system to demonstrate the ease of delivering interoperable communications through the use of open standards. The tested results show Raytheon's commitment to open standards and its strength as a systems integrator

The test was written according to the Telecommunications Industry Association (TIA) Project 25 (P25) Console Subsystem Interface (CSSI) standard to provide customer assurance that these systems will integrate and perform as required.

"The integration of Raytheon's P25 and Zetron's dispatch control was seamless," said Bill Iannacci, director of Civil Communications Solutions for Raytheon's Network Centric Systems business. "And this is just one example of how our open standards approach can connect to a variety of existing radios and communications systems."

Raytheon offers an Association of Public-Safety Communications Officials (APCO) P25 compliant digital radio system used by first responders and crit

(Zetron continued on Page 4)

"Zetron" continued from page 3

ical infrastructure organizations to enable interoperable communications. By taking advantage of a carrier-grade commercial Internet Protocol platform and a distributed architecture, Raytheon delivers an affordable, compatible system that meets customers' needs.



"As a systems integrator, Raytheon is committed to enabling interoperability with products that are built on open architecture and industry standards, advancing communication capabilities for first responders," added Iannacci. "In today's budget environment, this cost-effective and flexible approach allows for customer choice while providing advanced technologies."

Raytheon's open architecture support for systems other than its own is underscored by these tests, especially considering that Raytheon markets digital CommTalk dispatch consoles, produced in cooperation with leading console manufacturer, Pantel International.

For more information on Raytheon's system integration capabilities please contact, P25net.Sales@raytheon.com.

2011 Training Schedule

Customer lectures and hands-on training classes are available at Raytheon's Raleigh, N.C. facility. Class student minimums pertain. Travel, room and board expenses are the responsibility of the trainees.

Training sessions for dealers within the Raytheon Civil Communications Solutions network are also offered on site at the Raleigh location.

Please contact, ICS.Sales@raytheon.com for more information.

.....

ACU Technology Training Classes

Includes training on Raytheon's ACU-M, ACU-T, ACU-1000, and ACU-2000 IP products

ACU Technology Classes

Oct. 11-12, 2011

Nov. 15-16, 2011

Dec. 13-14, 2011



Photo caption: Raytheon Civil Communications Solutions Training facility located in Raleigh, NC

UPCOMING EVENTS

RAYTHEON CIVIL COMMUNICATIONS SOLUTIONS WILL BE PARTICIPATING AT THE FOLLOWING INDUSTRY EVENTS:

The Raytheon Civil Communications Solutions RICC (Regional Interoperability Command Center) will be on site at the IACP (International Association of Chiefs of Police) from October 23rd - 25th, 2011 in Chicago, IL



23-25 October, 2011
IACP 2011 Annual Conference and Exposition
McCormick Place West
West Hall F1&F2
Chicago, IL

Visit Raytheon at booth #1689

Raytheon Civil Communications Solutions will be exhibiting at the NGB JC41 (National Guard Joint C41 Conference) Conference from October 31st - November 3rd, 2011 in Lake Buena Vista, FL.



31 October - 3 November, 2011
NGB C41 Conference
Disney's Coronado Springs Resort
1000 West Buena Vista Drive
Lake Buena Vista, FL

Visit Raytheon at booth #105

Raytheon Civil Communications Solutions will be exhibiting at the 2011 COPSWEST California Peace Officers' Association from November 8th - 9th, 2011 in Ontario, California.



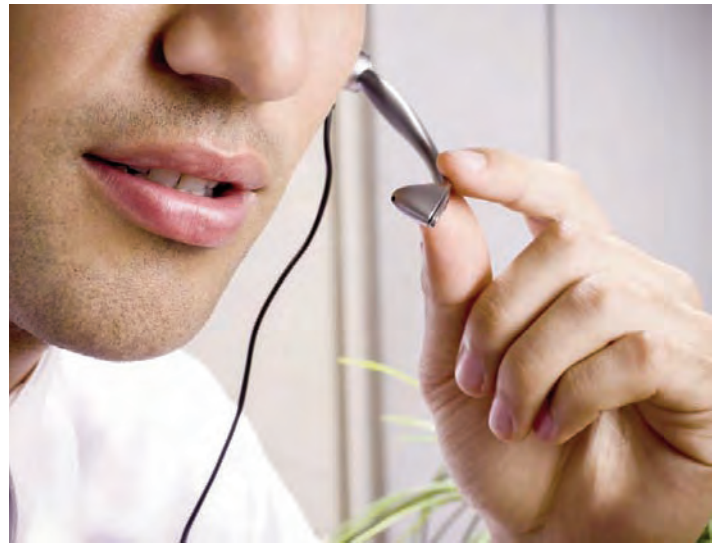
8-9 November, 2011
2011 COPSWEST Conference
Ontario Convention Center
2000 Convention Center Way
Ontario, CA

Visit Raytheon at booth #434

24-hour Customer Support Hotline

The 24-hour customer support hotline, available to U.S. and Canadian customers, is designed to offer customers an outstanding level of service. Customers can call (800) 498-3137 for immediate assistance with any technical problems, day or night.

The 24-hour customer support hotline is available to customers needing assistance with voter equipment, ACU products, NXU-2A, VoIP/RoIP products and to customers who purchased the 24-hour support with system installations.



NCS Communications

Raytheon Company
2501 West University Drive
McKinney, TX 75071

Sales Inquiries:

ICS.Sales@raytheon.com

Support Inquiries:

ICS.Support@raytheon.com

Media Inquiries:

NCS.PR@raytheon.com

<http://www.raytheon.com/businesses/ncs/>

Raytheon

