

Alster News

Interoperability - Big Time

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Recently, Alster Communications, LLC, has been selected by two factories who provide small and large Interoperability.

NCS - Mobile Needs

New Communicaitons Solutions provides a vehicular control-head that connects up to eight different radios to one microphone. It combines input audio to select and unselect speakers and allow crossband and simulcast.

At less than \$1,000 for the basic unit, this is affordable Interoperability.

JPS/Raytheon

JPS Communicaitons, a division of Raytheon, has created their own reputation as being the choice for medium to large Interoperability needs.

Their ACU technology provides the foundation to solve your communications interoperability needs. The flagship product is the ACU-1000 which can interconnect up to 24 devices. If you need a smaller solution, the ACU-T has much the functionality of the ACU-1000 but in a smaller, more portable design. Coupled with our radio over internet protocol (RoIP) / voice over internet protocol (VoIP) products, the ACU-1000 can be networked



JPS - ACU-1000

to provide hundreds of nodes for larger applications and for wide area interoperability systems (WAIS).

The NXU-2 embodies VoIP technology in a way that enables communications radios to be interconnected across the room or around the world. The NXU-2A is the latest module offering for the NXU-2 Network extension Unit, offering several new features.

WAIS takes advantage of VoIP to connect dispersed communications efforts via an existing infrastructure, such as a Local Area Network (LAN), Wide Area Network (WAN) or the Internet, itself. Ω

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Another Free Upgrade From Aeroflex

Aeroflex continues to support their popular P-25, Digital Service Monitor by providing a free download of enhanced software.

The new software is available at:

<http://www.p25.com/2975upgrade.asp>

Software version 1.9.1.5 includes several "Feature/Function" additions, operational changes, loading instructions, Opera-

tion Manual changes, and support contact relating to release of software for the IFR 2975 P25 Radio Test Set.

If you have a Passport System and are using the 2975, and have an earlier version of the software, the 1.9.1.5 upgrade will enhance your ability to work with your system. For more information on all of the upgrades, please go to: <http://www.p25.com/resources/2975v1-9-1-5ReadMe.txt> Ω

Trident Micro Systems - Passport Trunking

Alster Communications is pleased to have been chosen by Trident as their new rep for the Pacific Northwest (not Hawaii, which is covered by Vision Enterprises, Maui).

Passport Trunking, as most everyone knows, is an terrific improvement over LTR. The architecture of the NTS Master Card includes database, system setting, airtime logs and the ability to crossband digital audio.

Multiple Frequency

The NTS can trunk and control VHF, 200 MHz, UHF, 700 MHz, 800 MHz and 900 MHz radios.

The NTS controller is also radio independent (to a point). Allowing you to use any of the Passport product made by

Motorola, Kenwood, Icom, etc.

Voice/Control Channal

The NTS uses the popular voice/control channel, giving each site an additional traffic channel. This increases talk availability by 20 to 50%.

Complete Billing

The NTS, with ESN decoding turned on, keeps full accounting of every user in every group for appropriate billing. This feature also protects the system from unwanted use by roamers.

Soft/Hardware Upgrades

New 3.0 Software and 1.6 cards are available for enhanced communications. Ω



NTS Being Programmed

Why Pay \$1,000 For A Dispatch Chair?

Here are a few reasons to justify the \$1,000 price for a Concept Seating dispatch chair. The first is the chair has a six year, 24 hour a day, seven day a week warranty that includes normal wear and tear. That's right, normal wear (at the discretion of Concept) is covered, abuse of the chair is not.

Concept calls their chairs Intensive Use chairs. That's because they pass the GSA FNEW83-269E as compared to the ANSI/BIFMA specification. The GSA required one million cycles of the back/tilt mechanism where the ANSI requires only 120,000.

The base of the Concept Seating chair has seven legs instead of five or six. The base weighs over 40 pounds. It is much more robust that any other base.

Concept uses Dymetrol® Suspension and foam to support the weight of the dispatcher, instead of foam alone or foam and springs. Dymetrol is a Dupont product with unique qualities for stretch, support and memory. It give a "buoyant," floating feeling for those long shifts.

Please give us a chance to demonstrate the 24/7 Intensive Use chair. Ω

*Compare spending
\$1,000 over six
years to spending
\$400 every year,
and you will agree
Concept is the
better choice*

Times Microwave - High Power Cables

Times Microwave Systems has delivering **High Power RF Coaxial Cables & Assemblies** for the communications arena for years. The 50 Ohm flexible cables are used in high power applications such as high power radar, pulse power, medical (MRI), semi-conductor manufacturing, laser and particle physics.

Cables are available for use at continuous operating temperatures up to 250°C. The product range includes MIL-C-17 cables,

special Times-designed high power cables and LMR-LLPL® cables.

These custom high power coaxial cable assemblies now have an expanded selection of connectors and are being used in a wider variety of applications.

General Price Increase

Due to continued increases in material costs for metals and petrochemicals, prices will increase by approximately seven percent. Ω



Times EZ-200-NMH-D

PCTEL - A Better Year In 2006

To our faithful customers we say thank you for your loyalty last year. PCTEL did have some challenges to overcome.

107 New Jobs

PCTEL moved into a new building in the spring, consolidating three manufacturing plants, stock and raw materials. In addition, they added 107 new jobs, which doubled their employment.

The new building and new employees are ready to improve customer service.

On Time Shipments

One of the casualties in the consolidation of manufacturing and the expansion of employees was deliveries. PCTEL just

missed them. It wasn't intentional, but it happened. In 2006, PCTEL has substantially improved deliveries and will continue to do so. Our current two week lead time will be down a more normal to one week for Maxrad products. Antenna Specialists lead time will also improve by half before Spring.

New Products

The engineers did not sit on their hands during this time. Instead, they have created several new products including 4.9 MHz panel, omni and mobile antennas. They have also introduced antennas for Wi-Max and WiFi applications. A new catalog will be available around the IWCE Show. Ω



2.4 MHz WiFi Planar

Multiplier - Batteries for Kenwood/Motorola

Multiplier announces new batteries for:

CP-200

Batteries for the popular Motorola CP-200 is available in Ni-Cad, Nickel Metal Hydride and Lithium Ion.

M4496 - Ni-Cd - 1100 mA

M4851 - Ni-MH - 1400 mA

M4497 - Li-Ion - 1800 mA

These products are available from your local dealer, distributor or from Multiplier.

TK2200/3200

Multiplier now has a Ni-Cad for this Kenwood portable:

MKNB-29N - Ni-Cd - 1500 mA

TK5210/2180/3180

Multiplier has Ni-Cad, Nickel Metal Hydride and Lithium Ion batteries for this Kenwood portable:

MKNB-31 - Ni-Cd - 1700 mA

MKNB-32 - Ni-MH - 2500 mA

MKNB-33L - Li-Ion - 1700 mA

Please call me for a pricing or sample battery for your evaluation. Ω

Multiplier continues to provide new replacement batteries for popular radios

TXRX 700 MHz Super Booster II

The 700 MHz Public Safety band is opening up and TXRX Systems is providing a lot of equipment. The 700 MHz Super Booster II, which is smaller, lighter and more RF efficient than our old one, is a prime example.

The booster has three amplifier stages, allowing the user to configure the booster to suit their needs, even as those need change.

The dealer or end user can set the input and output levels at the booster or via the

Internet.

One of the more important designs of the Super Booster II is the OLC (Output Level Control), which protects the unit while providing solid coverage.

In-building RF Design is an art form. Jack Daniel knows what he is doing and wrote an article in an issue of Mission Critical magazine. Just go to the Internet and type http://www.txrx.com/products/pdf/In_Building_Communications.pdf Ω



TXRX Systems Super Booster II

IWCE - Late This Year, But Training Continues

Alster Communications, LLC is very training oriented and we rely on the IWCE Show to keep us sharp. With the IWCE Show coming in May this year, we have not wasted time waiting for training. Instead, we have either gone to or been trained by the following factories:

Federal Warning Systems - January 30/31

PCTEL - February 1/2/3

New Comm. Solutions - February 20

Concept Seating - February 20

Trident Micro Systems - February 21

Watson Dispatch - February 22

We have more training coming up with Aeroflex, Bird Electronics, Relm Wireless and TXRX Systems.

We may not know everything about everything, but we do know a little bit about a lot. Give us a chance to share what we have learned from our factories with you.

ACES 2006

Please mark your calendars for October 2, 4 and 5 when we will hold our traveling Alster Show in Boise on Monday, October 2; Helena on Wednesday, October 4 and Spokane on Thursday, October 5.

It looks like the Helena ACES will coincide with the Montana APCO Chapter Conference.

We will provide additional information on hotels and seminars in future issues of the Alster News. Thanks for reading. Ω

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Steve Stouffer
PO Box 12428
Mill Creek, WA 98012

Phone: 800-365-1272
Fax: 425-379-2574
Email: steve@alster.com

FIND US FAST
WWW.ALSTER.COM