



Alster News



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STI Survey Technologies Coverage Verification

Verify LTE / FirstNet Coverage.

Survey Technologies coverage testing solution utilize a Sonim XP8 Test Handset for coverage and performance measurements of your LTE systems RSRP and RSRQ. Field Test 7 can analyze measurements and graphically display coverage as colored contour plots or produce points showing measurement locations and results on satellite maps.

Indoor Coverage Verification for P25

Survey Technologies (STI) Indoor coverage testing solutions utilize test portables for coverage and performance measurements of Project 25 phase I/II or conventional. Leveraging a test portables selectivity and sensitivity, STI's Field Test 7 will accurately measure signals even in difficult RF environments like in buildings with marginal signal

conditions.

Contact us today for special promotions on these great coverage verification solutions! Ω



Viavi - T-BERD 5800

The T-BERD®/MTS-5800 handheld network tester is the one tool that network technicians and engineers need to install, turn-up, and maintain their networks. It supports both the legacy and emerging technologies required to handle various network applications including metro/core, mobile backhaul, and business services installations.

The industry's smallest handheld instrument can test throughout the service life cycle, including fiber characterization, service activation, troubleshooting, and maintenance. Advanced Ethernet test features such as TrueSpeed per RFC 6349, J-Profiler™, Wirespeed capture/decode, and automated J-Mentor,

help field technicians test their networks faster and more accurately than ever before.

Simplifies multi-technology testing with an all-in-one dual-10 G handheld, optimized for field use with a multitouch screen, scripted workflows, and clear results, supports efficient best practices with repeatable methods and procedures with Job Manager guided workflows, speeds fiber characterization, Ethernet service activation, and troubleshooting. The T-BERD 5800 is the perfect test set for mobile and backhaul characterization, validation, and Troubleshooting. Converged Ethernet/IP network testing and troubleshooting

at 10 Mbps to 10 G interfaces. Fiber link characterization and troubleshooting. Installation and maintenance of OTN and legacy SONET/SDH and TDM/PDH networks. Remote radio head (RRH) testing at the wireless basestation, including CPRI 1-9 rates. PIM and interference testing over optical links (RFoCPRI) and Next generation Fronthaul eCPRI support.

Contact us today for more information. Ω



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INTERTALK™ Mobile Dispatch

InterTalk's Encompass Mobile Dispatch Console is a tactical, field-deployable unit that provides your mission-critical operations an instant and centralized point of communication. With the InterTalk Encompass, an operation's field team can easily establish a central point of communication in under 5 minutes. Whether connected locally or across an IP network, and regardless of the unit band or format used, the Encompass

allows you to quickly and effortlessly set up and pull down joined networks, while simultaneously monitoring everything that is happening across all connected networks.

Encompass allows full voice and data communications with all field units, giving you real-time command and control of 4 base stations using pre-fabricated interconnection cables for most major mobile radio manufacturers. Whatever

method of communication you use, InterTalk Encompass' flexible design enables you to strike the right balance between what to see, when to see it, and what to do about it. Whether it is public safety, transportation, government, critical infrastructure, or private enterprise applications, the Encompass allows effortless, powerful, and continuous management of your critical information. Ω



**InterTalk
Tactical Dispatch
Console**

Times Microwave - SPO Cables

SPO™ Low Loss, Low PIM, Coaxial Cables from Times Microwave are the ideal solution for low PIM interconnect jumpers. Including, -160dBc PIM for optimal system performance. They are super flexible for ease of installation and are made with a corrugated copper outer conductor providing greater than

100dB shielding. With a durable black polyethylene outer jacket they are ideally suited for outdoor use. SPO cables are available in any required connector configuration and length. With a large selection of standard configurations ready for quick delivery. Each cable comes 100% tested for static and dynam-

ic PIM, VSWR and insertion loss and the serial marker band includes PIM, VSWR and IL test data which is retained and accessible on the Times website. Includes 10-year Times Microwave warranty. Contact us today for more information. Ω



**Times Microwave
SPO™ Low Loss
Low PIM Jumpers**

OTTO - OTTO Connect™

OTTO Connect™ is a fully conversational system that enables hands-free communication among teams of people. OTTO Connect™ wireless intercoms provide up to 18 hours of talk time in a variety of demanding applications and environmental conditions. The digital signal processing technology provides ambient noise reduction in

high-noise environments. Operating in the 900 MHz frequency range,

OTTO Connect™ offers excellent performance in environments where other intercoms fail, including better performance through walls, in rain and over greater distances. The optional Fusion™ accessory enables work teams to

communicate around the world by interconnecting to existing cellular or two-way radio networks.

With five different headset options to choose from there is an OTTO Connect™ to meet your needs. Contact me for a demo. Ω



**OTTO Connect™
Wireless Intercom
System**



CODAN
RADIO COMMUNICATIONS

Stratus P25 & LTE

CODAN Stratus™ is the first P25/LTE (FirstNet-ready) hybrid solution that leverages the strengths of both technologies to provide secure mobile and fixed voice networks. With the power of P25 and LTE, Stratus integrates a VHF/UHF/700-800 MHz P25 repeater, Universal Interface Card (UIC) and LTE modem, linking instantaneously into established networks or creating a new communications network

without requiring a hard wired ethernet connection. Stratus is available as a Fixed Site solution or a rugged Tactical Repeater. The deployable Stratus Tactical Repeater has the mobility of a subscriber unit in a light-weight, easily transportable infrastructure solution, ensuring complete system and network coverage from any location. The Stratus Fixed Site solution is a 2RU unit that seamlessly integrates into a fixed network to save on costly leased lines and

T1 connections. In just minutes you can deploy a Stratus network solution consisting of a Stratus repeater, power center and rapid antenna. The Stratus network automatically establishes connections with P25 subscribers, the Stratus server and P25 DFSI consoles ensuring your teams are connected and up to date. Contact us for more information or a demo. Ω



Codan
Stratus Repeater

Pyramid - SVR-P255 Repeater

The SVR-P255 is the latest generation simplex vehicular repeater from Pyramid Communications that is fully compliant with the APCO Project 25 Phase I Digital Common Air Interface (CAI) protocol. The all new P25 Smart-Trunking™ feature works with EFJohnson's KENWOOD Viking VP900 port-

able and VM900 mobile radio to create a seamless trunking handshake between the mobile radio network and SVR-P255 user. This ensures that portable radio users outside the vehicle get quick and accurate notifications of all transmissions to the P25 network. Users will get indications of Channel

Grant, Busy, Denial, Out of Range just as if they were on a trunked channel of the digital network. The SVR-P255 also utilizes the Pyramid's latest ESP™ priority structure that resolves priority conflicts during repeater idle time rather than at the critical start of a conversation. Ω



Pyramid
SVR-P255 Repeater

Power Products - Good2Go Batteries

Designed and patented with convenience in mind, Good 2 Go™ two-way batteries have become the battery of choice for many commercial and public safety two-way radio users. Offering total versatility, these batteries may be charged conventionally (drop in) or with any micro-USB cord.

Currently available for the following series radios.

MOTOROLA: APX, XTS, XPR, CP, HT and MTX

KENWOOD: NX220, NX320, NX420, NX3200, NX3220, NX3300, NX3320, TK2170, TK2360,

TK3170, TK3173, TK3360, NX200, NX300, TK5220, TK5320.

ICOM: IC-F3161, IC-F3230D, IC-F3261D, IC-F3360D, IC-F4161, IC-F4230D, IC-F4261D, IC-F4360D.

Contact us for more information or a demo Ω



CHARGE VIA
USB



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**More information
 at: [http://
 www.alster.com](http://www.alster.com)**



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SNV-12 Voter Now with IP Backhaul.

The SNV-12 uses Digital Signal Processors to continuously monitor multiple remote receiver sites and select the receiver with the best signal quality. A typical application is an LMR

system in which mobiles and portables can hear a repeater, but the repeater can't hear them, due to their lower transmit power and/or the antenna size or placement.

Remote receivers can be positioned in the communications dead spots, with audio from each receiver linked to the voter via IP or T1 microwave, IP Fiber, landline, twisted pair, RF

link, or fiber optics. The voter will select the best quality signal from all unscelched remote

receivers and forward this signal to the repeater for rebroadcast or monitor by a dispatcher, thus, providing greater talk back range for the radios.

The new SNV-12 IP Backhaul capability is a major advancement, and is backwards compatible with SNV-12 analog voters

already deployed. The new SVM-3 module, along

with a new QMT-1 unit (for Quality Measurement & Transport) allow the use of IP networks

for transport of receive and transmit audio. The SVM-3 modules can coexist in an SNV-12 chassis along with the current SVM-2 modules. The SVM-3 allows front panel force vote and

force disable, just like the SVM-2. The chassis must also have a CPM-3 with latest firmware.

Call me for additional information.
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ACES 2020

Mark your
 Calendars

Boise, ID May 5th

Butte, MT May 6th

Spokane, WA May 7th