



The Sales Group MANUFACTURERS REPRESENTATIVES

WIRELESS NEWS

Upcoming Events

IWCE Wireless Show
Orlando Florida,
March 5-9

www.thesalesgroup.com

Northern CA & Northern NV

TIMES Microwave Systems

New Times-Protect® Weatherized/Outdoor Data Line Surge Protectors from Times Microwave Systems

Times has added to its popular line of **Times-Protect®** surge protection devices with its new Weatherized/Outdoor Data Line surge protection product family. Utilizing leading edge technology in its design, these four unique devices address surge protection for twisted pair cat 5e and cat 6 applications.

The **LP-DOE-1-G-W**, **LP-POE-1G-W**, **LP-POE-PT-1G-W** and **LP-PAE-100-W** have been tested against extended RFC2544 test methods using aggressive test criteria. These extremely difficult tests consist of two protection devices separated with 100 meters of Cat 5 conductors over a broad temperature range and measure the following parameters:

- **Throughput, Latency, Packet Jitter, Frame Loss, & Back to Back.**

The RFC 2544 standard, established by the Internet Engineering Task Force (IETF) standards body, is the *de facto* methodology that outlines the tests required to measure and prove performance criteria for carrier Ethernet networks.

The surge protection performance of this product family is unmatched in the industry. This product family also meets the NEBS required surge tests according to these wave-shapes:

- 2x10us, 1kV, 200A – 5 pulses each polarity
- 10/360us, 1kV, 25A – 5 pulses each polarity



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Inside this issue:

Freedom Communications Technology 2

Special sale pricing now till March 15

BIRD Fiber Das systems 2

AdaptConn 3
Emergency BGAN portable satellite communications systems

JPS Interoperable 3
new SNV-12 Voter with IP Backhaul

Barrier 1 The next 4
generation in Cyber Security for your systems and networks

Freedom Communications Technology



Firmware Release 3.2 - Our Most Expansive Update Ever!

Visit [our website](#) to download this major firmware upgrade!

Look at the incredible list of new features and capabilities we're adding:

- AutoTune Option for Harris XL-200P Portables & BK Radio KNG Portables
- AutoTune for Motorola APX6000B Portables (included with APX AutoTune option)
- P25 "Explicit Mode" Trunking Option
- Single Side Band Option
- Adjacent Channel Power Measurement - STANDARD
- "Auto-attenuation" Automated Input Attenuation Selection - STANDARD



Save up to \$7000. now till March 15

FREEDOM
Communication Technologies

BIRD Fiber DAS

Bird's industry proven Fiber DAS product has been deployed by the thousands in many venues across the world, from the **Las Vegas Strip** to the Torre Mayor skyscraper in Mexico and is ideal for fulfilling multi-band, multi-operator coverage and capacity needs. Supported frequencies include FM to 2.6 GHz all on a single fiber, including most any modulation scheme from P25 and Tetra to LTE. Using our SingleNet solution, other technologies can also be transmitted over the Distributed Antenna System as well, including Gigabit Ethernet LAN, backhaul for small cells and WiFi, CPRI/OBSAI, as well as CCTV. The modular system can support virtually unlimited numbers of sectors, remotes and operators with adding sectors and operators as simple as adding a new base station interface module at the head end. Setup, control and monitoring of the entire system are done through a standard web browser, with additional options for monitoring all of your DAS networks through one converged interface through our Central Gateway (CGW).

www.birdrf.com

 **Bird Technologies**®

Portable BGAN Satellite Communications

Today, we take for granted our ability to connect and communicate with other people or organizations. The choices from **land line phones, smartphones, IPADS, tablets, or computer**, are endless. We never consider what our life or our ability to handle our responsibilities would be like without the ability to communicate. A person cannot comprehend that all our different tools to communicate would all stop working at the same time.

BGAN services from Inmarsat along with BGAN equipment offer portable, light weight, easy to use and deploy satellite systems. The equipment come in various configurations smaller units can support one or two users while larger systems can operate effectively with up to 5 users. The systems enable the user to access the internet and make satellite calls from most any location under any circumstance.

BGAN equipment units either operate "on the halt" or "on the move". On the halt systems can manage from 1 to 5 users for internet access and satellite phone. On the move systems connect to the internet and have phone capability while traveling up to 70 MPH, and allow up to 5 users effectively.

AdaptConn packages the BGAN equipment in Tactical Kits that include:

- Custom designed military grade weatherproof case with secure laptop computer storage
- Alternative power supply AC or DC and spare system battery
- POTS phones for satellite phone calls
- All cables and connectors for usage

WiFi capability (If not standard with the BGAN unit)



www.adaptconn.com



JPS SNV-12 Voter IP Backhaul

The industry-leading SNV-12 modular receiver voting system uses individual Digital Signal Processors (DSP) to measure the quality of received signal for fast and accurate determination of the best signal. With our new SVM-3 modules, and the QMT-1 (Quality Measurement & Transport), the customer's IP network can be used to transport voter receiver audio, with the SVM-3 and CPM-3 handling the challenges that network jitter adds to the voting process.

This new functionality can be added to existing shelves.

www.jpsinterop.com/products/voter/



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We are on the web

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Barrier 1 The next Generation in Cyber Security

Are you *confident* that your system and information is *completely* secure from the many levels of cyber attacks? **Accurately and Affordably identify and stop a cyber attack that you have NOT seen before.**

Cyber attacks today are a process. And effectively and accurately identifying both the known and the unknown threats is not something everyone can do. Barrier1, with its patented anomalous base detection and reaction engine does, in real-time and with such accuracy that false positives are virtually an unknown. The on-board Advanced Analytic Reaction Engine® (AARE) that drives the multi-layered algorithms, has demonstrated results that far exceed any other approach in the market today. It is why Barrier1 wins the national awards, like SC Magazine's Innovation Hall of Fame, three years in a row. And why the NFL invited Barrier1 to be part of their Cyber Security Team for Super Bowl 50.

Identify, Analyze, Predict, Learn and React – all in Real-time

Effective: To truly be protected systems need inspection and visibility into all seven OSI layers so modifications, vulnerabilities and changes in the data stream are intercepted. Barrier1™ with its Intelligent Threat Management inspects all OSI layers, providing tenacious security, real-time threat management and competitive advantage.

Accurate: Barrier1's Advanced Analysis Reaction Engine software holistically inspects and analyzes all network security components and in near real-time, correlates and interprets data received from these technologies. This gives Barrier1 the ability to inspect all seven OSI layers in total. Barrier1 has been tested against every competitor and the US Army Cyber Security Unit, and in every case documented evidence supports Barrier1 as far superior in effectiveness and accuracy. (Case studies available.)

Fast: Barrier1 was designed to take advantage of today's multi-core processors with super-fast clocks. However, Barrier1 has taken it to the next level by optimizing the system architecture for faster, efficient use. Barrier1 introduces only 12.7 microseconds delay which not only provides a fast and safe user experience, it allows additional software components on the same machine at the same speeds. This gives you added advantage of being "green" because Barrier1 will reduce your power consumption while integrating your applications.

Affordable: Return on investment plays a crucial role in any IT security strategy. ROI analysis includes leveraging past investments with future investments. Additionally, available services and the ongoing operating costs of annual licensing agreements and annual support contracts all must be considered. Barrier1 utilizes a flat rate pricing model to ensure you will never be billed on a per seat basis. Hardware and software maintenance, and monitoring and tech support are all included.



www.barrier1.com