



The Sales Group

MANUFACTURERS REPRESENTATIVES

WIRELESS NEWS

Upcoming Events

NAPCO Monthly Meeting November 9
McGinnis Golf Park,
San Raphael

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Northern CA & Northern NV

New Line: 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



Distributed by:

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TIMES MICROWAVE SYSTEMS
An Amphenol Company

Freedom Communications Technology



Firmware Release 3.0 - 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
- 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



The R8600 is the first test instrument designed expressly for the demanding requirements of radio production and automated testing applications. Able to withstand 150 Watts of continuous RF power input, the R8600 was engineered to provide both a cost-effective solution for 24/7 manufacturing use and a platform optimized for custom automated testing.

The Radio Test Hub operates without an embedded display to minimize rack space in a production environment. It also features an expansive suite of scripting options, including our native Monitor & Control language and HP8920 emulation capability. Now Available.

FREEDOM
Communication Technologies

Be sure to check out our [YouTube channel](#)

BIRD SiteHawk Test Kit 7003A001 Series

Do you need to quickly identify faulty antennas, cables and connectors to get your airplane back into service? Avoid the downtime and expense of trial and error of swapping components to fix your issue with the Bird® SiteHawk Test kit. Our Test Kit includes the SK-4500 Antenna and Cable Analyzer in a hard carrying case along with a selection of essential accessories; it's ideally suited for field techs and engineers who need to quickly diagnose and resolve problems with communications systems. The pocket-sized SiteHawk Antenna and Cable Analyzer operate from 1 MHz to 4.5 GHz and features an intuitive interface readily accessible to even the first time user.



With the SiteHawk Test Kit, it is simple to:

- 1) Determine if there is a problem with your cable and antenna system using the Measure Match function.
- 2) Locate the source of the problem with the Use Distance to Fault measurement.
- 3) Take various power measurements with one of the included Bird Power Sensors.*

 **Bird Technologies®**

Public Safety Announcement



The Spectrum Firm specializes in FCC licensing, related engineering and

[project management support in the Private Land Mobile Radio Services](#)

We offer FCC licensing, engineering support, and related services including annual programs for License Maintenance and Renewal Services; spectrum analysis and strategy, and frequency management.

www.thespectrumfirm.com

The Sales Group

MANUFACTURERS
REPRESENTATIVES

Northern CA & NV

Ron Lyons, VP
(619) 855-7041

Ron.Lyons@thesalesgroup.com

Bay Area Northern CA

Manny Vierra, *CSP*
(408) 309-3954

manny@thesalesgroup.com

Central Valley, N. CA

Paul Mills, *CSP*
(925) 766-4545
paul@thesalesgroup.com

Northern CA & NV

Mike Sage, *CSP*
Director
(925) 484-5578
mike@thesalesgroup.com

Proud Members



We are on the web

www.thesalesgroup.com

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.



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