

For further information, contact:
Amos Deacon III
812 W. Southern Avenue
Orange, CA 92865-3224
(714) 283-4800
amos3@phenxint.com



PHOENIX INTERNATIONAL INTRODUCES RUGGED HIGH PERFORMANCE DATA STORAGE RAID ARRAY

San Diego, CA January 29, 2013 – Phoenix International Systems, Inc., proven pioneer in state-of-the-art data storage technology in providing rugged and reliable COTS data storage solutions, today introduced its rugged RPC24 4000 Series next-generation, rugged storage solution designed to deliver best-in-class price performance, 99.999 percent availability, and exceptional streaming throughput. The new system was introduced at AFCEA West 2013.

An evolution of the 2012 released RPC24, the powerful new architecture of the RPC24 4000 Series provides superior streaming performance for bandwidth-intensive data recording applications, such as high resolution imagery, video recording, radar data acquisition and more. It is available in both the RPC12 and RPC24 Disk Array product families.

The RPC24 4000 Series delivers up to 5200 MB/s of sustained sequential read throughput, a 2.5 times increase over the previous generation 3000 series, and up to 3500 MB/s of sustained sequential write performance, making it ideal for high performance data acquisition applications that also require very high storage capacity.

For demanding transaction oriented applications, such as cloud storage and business analytics, the RPC24 4000 Series delivers an impressive 100,000 IOPS sustained from disk for fast access to database and structured data content, and up to 650,000 IOPS from cache.

The RPC24 4000 Series scales up to 192 drives and allows customers to freely mix drive types, including HDD and SSD, for the most effective allocation of storage resources, based on capacity and performance needs.

Phoenix International's incorporated SimulCache technology leverages redundant RAID controllers, thus eliminating the performance degradation associated with conventional cache mirroring. The implementation of a high-speed dedicated PCI-Express bus streamlines write performance resulting in superior overall system responsiveness, driving faster application throughput. Dual-redundant RAID controllers, dual power supplies and dual fans bring uptime figures to 99.999 percent availability, so customers don't experience downtime or data loss.

Featuring a capacity of twenty four drives, the lightning fast RPC24 4000 series includes two easily removable magazines containing up to twelve solid state disk or hard disk drives, each housed in rugged 2U (3.5") panel height, 19.5" deep enclosure. It provides up to eight host ports of 8Gb Fibre Channel to SAS or SATA devices over a 12Gb SAS internal bus.

Incorporating aluminum and steel in its rugged construction, the RPC24 4000 series weighs only 51 lbs with a full complement of 24 SSDs, is less than 20" deep and is certified to military specifications MIL-STD-810G and MIL-STD-461E.

Phoenix International has been designing and building Rugged data storage systems for any application – from Multi-Terabyte Fibre Channel RAID, Network Attached Storage (NAS) and Storage Area Network (SAN) configurations to conduction cooled plug-in VPX and VME solid state disk storage modules – since 1993.

Based in Orange, California, Phoenix International is an AS9100 Rev C/ISO 9001:2008 Certified Service Disabled Veteran Owned Small Business (SDVOSB).

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RPC24 4000 Series Rugged Data Storage System