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PHOENIX INTERNATIONAL ANNOUNCES DATA AT REST ENCRYPTION RAID DATA STORAGE SYSTEMS

San Diego, CA February 16, 2016 – Phoenix International Systems, Inc., proven pioneer in state-of-the-art data storage technology providing rugged and reliable COTS data storage solutions, today introduced Self Encrypting Drive (SED) technology support for its RPC24 4004 Series Drive Magazine based, rugged storage solution. The new system was introduced at AFCEA West 2016.

The Phoenix International RPC24 4004 Series now supports TCG compliant and FIPS 140-2 certified AES 256 encryption as well as instant secure erase when configured with solid state disks and hard disk drives with these capabilities.

Data security is a key component to any mass storage application and has been brought to the general public's awareness with the recent data breaches at major corporations, retail establishments and government agencies to see the financial and security fallout from these attacks. However, for deployed military applications, data security has always been a concern and thanks to new Commercial Off-The-Shelf (COTS) options, data-at-rest security has become more efficient and affordable.

The Phoenix International RPC 4004 Series is available in a variety of configurations for 2.5 inch SSDs and 2.5-inch HDDs. Each RPC24 converged interface storage array includes two four-port controllers and can be easily configured in the field with eight 16Gb Fibre Channel ports, eight 10Gb iSCSI ports, or a combination of four 16Gb Fibre Channel and four 10Gb iSCSI ports. IT managers often use Fibre Channel for the storage network within the data center, and iSCSI for replication and other data management services outside of the data center. These storage arrays are fully backward-compatible with 8Gb/4Gb Fibre Channel and 1Gb iSCSI networking solutions such as switches and host bus adapters. The RPC24 4004 12Gb SAS models are fully backward-compatible with 6Gb SAS investments. All 4004 models are meta-data compatible with previous generation RPC24 arrays, so that customers can accomplish data-in-place migration by simply upgrading to 4004 generation controllers.

Featuring a storage capacity of 50TB+, the lightning fast RPC24 4004 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. Incorporating aluminum and steel in its rugged construction, it 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'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.

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 4004 Series Rugged Data Storage System