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FOR IMMEDIATE RELEASE

PHOENIX INTERNATIONAL ANNOUNCES HIGH-CAPACITY EDGE DATA STORAGE SOLUTION

National Harbor, MD August 2, 2021 – Phoenix International Systems, Inc., proven pioneer in state-of-the art data storage technology providing rugged and reliable COTS data storage solutions, today introduced their all flash SSD RPC24-NAS network file server, a high-capacity, high performance edge storage solution that enables users to aggregate, store, move and activate their data. The RPC24-NAS targets mobile (Air-Sea-Ground) and fixed Expeditionary environments with its MIL-STD-810G and MIL-STD-461F certified design. The new system was introduced at Sea-Air-Space 2021.

Edge computing can mean many different things, but for military users, the key is flexible, modular, and rugged systems that are proven and reliable in harsh tactical land, maritime, and airborne environments. The need for these rugged systems is paired with exponential growth in available data from a multitude of sensors and sources, structured and unstructured, and the need of the warfighter to make decisions faster. The RPC24-NAS houses two removable magazines with up to 12 SSDs each which can be quickly removed to off load data. The magazines can then be moved to separate locations and plugged into another RPC24 on any other network for further analysis.

Data security is a key component to any edge storage system and the RPC24-NAS addresses this with optional support for AES-256 hardware and file level encryption, FIPS140-2 validation and hardware and/or software triggered Secure Erase and Data Elimination.

The RPC24-NAS allows networked devices to share and store data using all common network services. It supports a variety of network based file systems that allow multiple hosts to share and store information. Network connections are provided through load balanced Ethernet ports, available from Gigabit to 100 Gigabit, and can support multiple optical (or copper) Ethernet ports for low EMI susceptibility.

For tactical edge rugged data storage capabilities, the key is being able to combine the potential of the large commercial market (which has advanced significantly beyond government capabilities due to huge investments), and get it into the form required to support warfighter environments. Phoenix International achieves this with its design and manufacture of our high-performance RPC24-NAS. For military and other customers operating in harsh environments this ensures we provide rugged edge data storage capability on par with advanced commercial systems.

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 D/ISO 9001:2015 Certified Small Business.

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http://www.phenxint.com/

RPC24-NAS Series Rugged Data Storage System