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PHOENIX INTERNATIONAL INTRODUCES
ALL NVMe SSD HIGH PERFORMANCE DATA STORAGE SYSTEM

San Diego, CA Feb. 13, 2024.   Phoenix International Systems today unveiled their RPC4 Rugged Network Attached Storage/Data Logger at AFCEA/USNI West 2024 Conference and Exposition.

In the emerging digital world, the transformation waves affecting all our activities are increasingly more pronounced. Whether it be Edge Computing, Autonomous Vehicles, or Artificial Intelligence, all require a high-performance storage system that can acquire data at speeds far exceeding what a traditional embedded systems can sustain.

The Phoenix International Systems high performance RPC4 NAS/Data Logger is specifically designed to meet such requirements. A rugged, resilient storage system, it is designed for high data through-put, high-capacity tactical edge data capture applications. The Phoenix RPC4 platform supports up to 9.6 GB/s throughput of sequential writes and 12 GB/s sequential reads, configured with four NVMe SSDs, its rapidly removable magazine enables a full magazine to be swapped out for a fresh magazine to store and move data from edge environments quickly and without any tools. The magazines can then be moved to separate locations and plugged into another RPC4 on any other network for further analysis.

Major Features of the RPC4:

- Reliable, High-Speed Data Capture
- Highly Available and Resilient Architecture
- Quickly Upload Data with Removable Drive Magazine
- Up to 120TB Storage Capacity
- AES-256 hardware and file level encryption
- FIPS140-2 Validation
- Secure Erase/Data Elimination
- MIL-STD-810G Design
- Made in USA

Phoenix International's RPC4 targets Mobile (Air-Sea-Ground) and Fixed Expeditionary environments with its MIL-STD-810G design. It addresses the demanding requirements of data capture in any challenging environment.

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 Open VPX solid state disk storage modules – since 1993.

RPC4-NAS NVMe SSD HIGH PERFORMANCE DATA STORAGE SYSTEM