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9 Terabyte RAIDPac Backup Cartridge Sets New Record

Highly Reliable Systems has announced a high performance, high capacity backup system based on a RAID5 removable cartridge. Each removable "RAIDPac" used by the RAIDFrame enclosures holds up to 9 Terabytes (TB) of uncompressed data (15TB compressed) on a single volume, making it the world's largest removable backup cartridge, according to the firm. The difference between conventional RAID storage with removable drives and a RAIDPac is that an entire 3 drive RAID array, along with its controller, is part of the removable backup cartridge.

RAIDPacs slide into storage enclosures called RAIDFrames which attach directly to a fileserver using either eSATA or USB 3.0. RAIDPacs contain three 3TB drives and can be configured with a total capacity of 9TB when using RAID0 or 6TB when using RAID5. Self-aligning connectors are used to accommodate daily plug/unplugs, allowing the media to physically be transported offsite in available carrying cases. The Rackmount RAIDFrame system is available to accommodate 1, 2, or 5 RAIDPacs and each RAIDpac shows up to the host system as individual drives.

"With no overhead for Ethernet or TCP/IP, a RAIDFrame will outperform Gigabit Ethernet, reducing the clients backup window dramatically" according to Tom Hoops, the company CTO. "No special drivers are needed since each RAIDPac is seen by the host system as a single removable hard drive. Hoops says that using imaging software backup jobs can move data at up to 450Gigabytes per hour.

Unlike tape systems, RAIDPacs can be accessed in an emergency even if a RAIDFrame drive enclosure is not available since they have standard USB3, SATA, and Molex power connectors for emergency access. A single 6/9TB RAIDPac retails for \$1599. For more info call 877-384-6838 or visit www.high-rely.com.

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