VS WIIS – HPSS On-line Image Storage Solution

HPSS Image Storage Solution

Overview

The Wang Integrated Imaging System (WIIS) was introduced in 1988 with a full line of Image storage alternatives, both magnetic for on-line storage and Optical for permanent archive and off-line storage of image documents. Getronics' High Performance Storage Subsystem (HPSS) is a state-of-the-art RAID 7® storage technology that can augment your optical jukebox for applications requiring immediate on-line access for image storage and retrievals.

Getronics' High Performance Storage Subsystem is a family of advanced RAID storage options. It is designed to meet the performance, reliability, and connectivity requirements of businesses. These disk arrays provide storage solutions scaleable to multi-terabyte capacities.

Because of its high-speed bus and fault tolerance, the HPSS/RAID 7® is well suited to the demands of multi-user handling of image files. In an imaging environment, the price/performance of an HPSS makes it the choice to provide magnetic on-line storage retrieval, maintaining optical for archival purposes.

HPSS Characteristics / Advantages

RAID 7® Advantages: [3]

- Overall write performance is 25% to 90% better than single spindle disk drive performance.
- Small reads in multi-user environment have very high cache hit rates resulting in near zero access times.
- Read and write access times decrease as the number of disks in the array increases
- Attached drives can be configured to serve as hot standbys in case of a failure of a critical drive in the array

Why a HPSS?

Reasons you should consider a HPSS/ RAID 7®

- Speed and scalability.
- Storage pool can be partitioned, multiple hosts can access.
- Increased on-line storage capacity, with configurations of 27, 45, or 63GB to choose from.
- Fault tolerant design means less time and cost when recovering from a disk failure.

HPSS Image Storage Benefits

The HPSS Image storage solution will provide:

- Reduced access time for retrieval of images in the multi-user WIIS environment. Image access times can go from 15-18 seconds to 3 seconds for images stored on the HPSS versus optical jukebox.[1]
- Increased on-line image storage capacities.
- Data fault tolerance.
- Reduced downtime due to disk media failures.
- Reduced operational and maintenance costs.
- Improved system-wide performance by as much as 40%.[1]
- No special software requirements.

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Prerequisites

System Requirements

- VSOS 7.53.00 or greater
- SCSI I/O Controller port [2]
- WIIS Imaging Environment Software 2.90.00 or greater

Availability and Pricing

HPSS is available now!

- The Getronics HPSS storage solution is available now with two versions from which to choose - Desktop or Rackmount units!
- Please contact Getronics Telesales for further details on configuration options and pricing

Contact Methods

Phone or FAX us at:

To Contact Us
Phone 800-639-9264
With the following information:

Company: _____
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Notes

[1] Performance statistics were taken from a large Insurance company who has implemented the HPSS solution into their WIIS Image access applications. Actual performance benefits may vary depending upon system configurations and usage.

[2] For High-End VS Systems the 70V68EW caching controller is now available for increased performance enhancements.

[3] For more information on the HPSS/RAID 7® see the data sheet VS97-014A

Raid 7® is a registered trademark of Storage Computer Corporation.

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