



Features

Simplified Video Consolidation

Ease Of Central Management

Optimized Video Serving

Highly Affordable

Perfect For Transition To IP Camera Technology

Scalable Support Of Data Growth For Years

**HP 3 and 5 Year Warranty
24x7 On-Site Support**

HPpbA Centralized Storage VMS Solution

The HPpbA Centralized Storage VMS Solutions are specifically designed to meet the growing technology demands of your video surveillance environment, by providing industry leading solutions engineered by Hewlett Packard. Centralized storage options range from the HP MSA P2000 SAN offering unmatched cost per camera performance. To the highly available video surveillance replication capabilities of the HP LeftHand P4000 as well as the scalable HP Xtreme 9000 NAS for enterprise organizations with high growth plans. The HP VMS is great for business organizations with a large amount of camera and data retention requirements for longer durations. The more cameras you have, the more storage you have access to and can add. The standard approach of having large numbers of DVR's loaded with as many direct attached drives that you can fit in the chassis, can easily be upgraded to this central storage technology creating less rack space, much easier data and support management and lower cost per camera numbers.

Utilizing HP's industry leading SAN and NAS technology, you now have the ability to bring all of your data into one place. Creating multiple disks group within SAN or NAS solution allows you to use RAID 5 or RAID 6 for data redundancy. These solutions offer 8 GB FC, 10GbE, Combo FC/iSCSI or 6 GB SAS connectivity. Support for 2 TB hard drive configurations provide customers with even lower \$/GB.

IP cameras are the direction the industry is moving towards. The HPpbA Centralized Storage Solution is perfect for supporting future IP camera roll out. Using HP high performance server technology as the front end and HP SAN or NAS technology on the backend, allows you to condense what once was 4 racks of hardware, down to 1-2 racks. This creates extreme savings in both power and cooling. At the same time your solution is backed by HP's #1 rated, unmatched support system for 3 or 5 year periods. That provides peace of mind.

Like all HPpbA DVRs, the Centralized Storage Series offers: simultaneous real-time recording on all channels; instant access to alarmed video; rapid retrieval and export of evidence with built-in watermark and authentication; alarm notification for every server and camera; and motion search in a selected area. The Airship Software product offers enterprise level video performance. Great images for viewing and reviewing, our H.264 compression takes less hard drive space for storage than the competition.

HP powered by AIRSHIP®

Video Recording Security Systems



Affordable High Performance

HP MSA P2000 G3 SAN:

- Highly efficient consolidation and sharing of storage geared to departmental and small to medium business requirements
- Flexibility in drives: LFF P2000 LFF 3.5-inch or HP ProLiant SFF 2.5-inch drives
- Large capacity SATA drives for inexpensive archival storage
- Able to mix SAS and SATA drives within the same drive enclosure
- Supports mixing LFF and SFF JBODs behind the same array. Limited by 8 enclosures total (max: 7 LFF or 5 SFF, 96 LFF drives, 149 SFF drives. No combination may total more than the 149 drive maximum.



High Availability

HP LeftHand P4000 SAN:

- Replication of video across disk groups and remote DR sites.
- Portfolio of highly scalable, easy to use SAN solutions with superior HA and DR capabilities
- Network RAID Levels (per volume) 0, 5, 6, 10, 10+1, and 10+2 protect against double disk, controller, storage node, power, network, or site failure
- Thin Provisioning reduces costs by increasing storage efficiency
- Avoid up-front cost and the potential performance constraints. Purchase only what's needed today, then grow the performance, capacity, and redundancy of your P4000 G2 SAN online as storage requirements evolve.



Enterprise Scale As You Grow

HP Xtreme 9000 NAS:

- For High Density, High Capacity Enterprise Environments.
- Modular storage infrastructure accommodates tens of terabytes to multi-petabytes storage growth with no downtime.
- The X9000 increases capacity utilization and simplifies management with a single namespace that can scale to 16 petabytes.
- The X9000 allows you to avoid expensive and complicated forklift upgrades by increasing to first-rate performance without taking data offline.
- X9000 multi-tiered storage eliminates costly over-provisioning which allows you to more easily match the storage system to your business requirements
- The X9000 system redundancy and automatic detection of hardware and software failures provides consistent availability, while dynamic load balancing ensures hotspots are reduced and data is always available- [Virtual Tour](#)



Integration by TechPower Solutions

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