

# hp storage consolidation for AIX

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### complete storage solutions from the AIXperts at hp

All the advantages of HP storage consolidation—proven on HP-UX, Windows NT/2000, and Sun Solaris—are now available for AIX. HP delivers the most scalable, highest-performing, highest-availability, and easiest-to-manage storage solution—and the highest return on your AIX consolidation efforts. Whether you're looking to consolidate your data, support multiple service level agreements, or simply support a single mission-critical application, HP has a solution that gives you more of what you need.



### key features

### benefits

#### HP design, implementation, and support for your heterogeneous environment

HP's Consulting Services experts will build a peak performance, "always-on" infrastructure that meets all your storage needs, letting you do more important things

#### HP Surestore XP disk arrays

The most scalable, highest-performing, highest-availability storage platform

#### Auto Path XP for AIX

Multi-pathing software ensures maximum uptime and performance

#### High availability clustering with IBM HACMP

HACMP clusters are fully supported on XP disk arrays—so don't worry about making an XP part of your high-availability AIX environment

#### Cluster Extension XP for AIX

Cluster Extension XP for AIX offers the ultimate protection against local disasters by extending your HACMP clusters over metropolitan distances

#### HP Business Recovery Services

Let HP create or host a bulletproof disaster recovery solution for you

#### Command View XP

Take full advantage of the benefits of storage consolidation by managing your XP family storage environment from one, browser-based management console. Ideal for lights-out environments. Integrates with SAN Manager, SAN Manager DM, and HP Openview.

#### Integrated Management

XP disk arrays offer SNMP integration with Tivoli enterprise management software so they are easily managed within your larger AIX infrastructure

#### Backup solutions

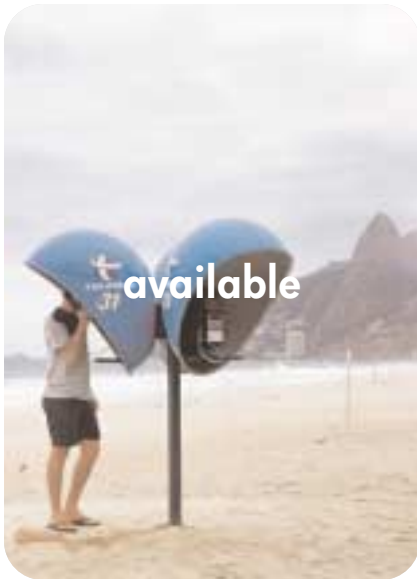
Leverage your investment in Tivoli Storage Manager—XP disk arrays are fully compliant (formerly Tivoli ADSM)

#### Instant Capacity On Demand (iCOD)

Lets you respond immediately when you need more storage

#### Flexible financing programs

Reduce risk and optimize your ROI with HP financing



### **because all your applications are critical**

HP storage consolidation solutions are built rock-solid for IT departments that support critical e-business applications—like yours. The robust, redundant XP architecture has no single failure point, so hardware failures, or your online upgrades, can't compromise access to your data. And you can cut downtime to the bare minimum with HP's phone-home capabilities, which offer proactive problem resolution so things get fixed before they go wrong. Don't take chances—you can count on HP.

### **with you every step of the way**

Now AIX users can take full advantage of HP's unmatched family of storage software. Auto Path XP offers transparent load balancing for AIX systems, automatically routing around failed paths for improved availability and keeping performance at the maximum. And IBM's HACMP cluster software is fully supported on XP disk arrays, letting you deploy them confidently in your high-availability AIX environment.

Leveraging HP's proven expertise in disaster recovery solutions for HP-UX environments, HP now delivers Cluster Extension XP (CLX) for AIX, enabling HACMP clusters to be reliably extended over metropolitan distances, thus providing protection from local disasters.

Cluster Extension XP relies on, and takes full advantage of the robust asynchronous mirroring capabilities of HP Continuous Access XP, which lets any two XP disk arrays function as a mirrored pair. Now HP lets you deploy Continuous Access data-mirroring solutions over IP, an unprecedented capability that delivers equally unprecedented cost savings and easy deployment.

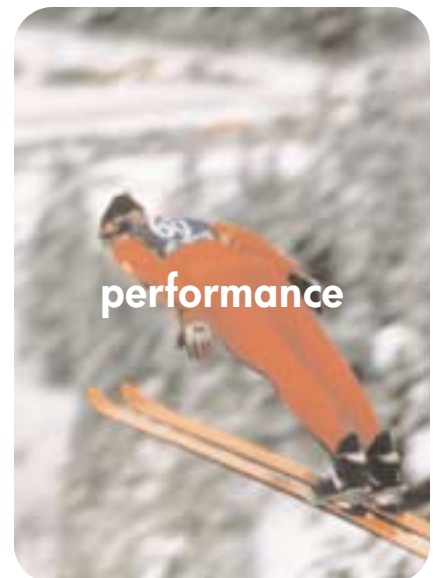
HP's expert Business Recovery Services, now expanded for your AIX environment, can even plan, implement, and if you want, securely host a bulletproof disaster recovery environment for you.

### **the foundation of reliable performance**

The backbone of any storage consolidation solution is your disk array. The backbone of a great solution is an HP Surestore XP disk array, which delivers unsurpassed capacity and scalability:

- The HP Surestore xp512 easily handles nearly unlimited servers and users, thanks to its high-performance Crossbar technology, complete Fiber Channel backend, 32 GB cache, and 32-port connectivity. For your large consolidation or high-growth needs, the compact, ultra-scalable xp512 gives you maximum capacity in a small footprint.
- The HP Surestore xp48 is an economical and amazingly space-efficient choice for smaller configurations that have more moderate performance and scalability needs, but still require Crossbar technology, end-to-end fibre channel, and all the availability, manageability, and disaster recovery features of the XP family. The xp48 offers 24-port connectivity and up to 16 GB cache.

Both the xp48 and xp512 are compatible with the complete family of HP storage management software.



## manageable

### you'll manage

HP Command View XP provides a single, centralized browser-based console, which makes it exceptionally easy to monitor, configure, and control your storage environment from anywhere, anytime. Command View XP integrates with HP's comprehensive SAN Manager DM, so you can manage your heterogeneous SAN from one tool. It also integrates, through the VPO Smart Plug-In, with enterprise management software HP Openview, giving you a complete, intuitive view of your IT


infrastructure, and unmatched ability to manage service level agreements in a lights-out environment. XP disk arrays offer SNMP integration with Tivoli enterprise management software so they are easily managed within your larger AIX infrastructure. Additionally, the XP family is fully compliant with Tivoli Storage Manager (formerly Tivoli ADSM), the popular backup software in AIX environments, again making the XP an easily integrated part of a larger AIX infrastructure.

### capacity on demand

The HP instant Capacity On Demand Storage program (iCOD-S) delivers the ultimate worry-free solution to handling your changing data storage needs. For a nominal quarterly fee, iCOD-S gets you out of the slow, time-consuming, reactive mode and into a pre-planned capacity process that lets you act quickly when you need to.

### look out for number one

Delivering the industry's best high-availability storage solutions with world-class consulting and support services has made HP the number one enterprise storage vendor among major systems providers. Find out how HP can turn storage consolidation into a business advantage for you.



## cost effective

## hp consulting services

### talk to the experts

HP makes AIX consolidation easy with a comprehensive suite of storage management tools and an end-to-end program of consulting services (see facing page). HP offers a uniquely powerful series of storage management services from the experts in reliable, high-performance AIX data storage.

### data migration

Migrate data from existing devices to your new HP storage solution, either online or offline. Includes planning, implementation, and handoff to customer with documentation.

### executive vision workshop

An onsite business objectives assessment to help you identify and specify your storage needs. HP Consulting works with you to identify your business storage needs and to build a business case for you. A high-level ROI analysis will be done to justify the investment.

### storage architecture

HP will design a custom storage solution that meets the needs of your business objectives and requirements.

### backup integration

Integrate your storage solution into your existing backup environment or a new backup solution using HP Omniback or Veritas Netbackup. Zero-impact solutions with zero-downtime backup are available for special business requirements.

### flexible financing programs

Reduce risk and optimize your ROI with HP Financing. HP provides a turnkey financial solution that helps you reduce risk and manage your costs more effectively.

### business continuity service

Ensures your storage solution meets your availability requirements by integrating your system into a high-availability environment.

### NAS integration

Basic implementation of HP Network Attached Storage (NAS) solutions including setup, installation, and integration. Extended service offerings include strategic needs assessment, zero-downtime backup, and disaster recovery implementation.

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