

STORE *it.*



SECURE *it.*

THE HP STORAGEWORKS x510 DATA VAULT
TRANSFORMS the way you
THINK about **DATA** PROTECTION



SHARE *it.*



safe **BACKUP**
RELIABLY

BIG Idea. SMALL Price. The HP StorageWorks x510 Data Vault



USB 2.0
4 connect ports
(1 front, 3 back) to
external USB drives

Gigabit Ethernet
eSATA-2
connectivity
Intel Pentium
processor
2GB DRAM

Automatic file backups can be set to run daily or scheduled; entire hard disk drive image can be copied and easily restored over the network using Windows Home Server.

Hoping for the best?

If you're running an emerging business, chances are you've either created a 'make do' solution for your backup, or done nothing and hoped for the best. For you, removable tape or disk backup probably makes no sense. Without a file server, every system in the office would need one. That's expensive. You have documents, images and other files all over the place that you can't share among the team. That just slows everything down. It's also not an ideal way of organising information, bearing in mind all the legislation about data privacy and security.

But what choice do you have?

Your budget doesn't stretch to a dedicated server, let alone the expertise needed to run it. And although external USB hard drives could give you some, low cost protection, you'd need one for each PC or Mac, and run the risk of damage if you start moving drives around.

The good news is you're not alone. Lots of emerging businesses have been searching for the ideal solution to the important challenge of data protection. And now it's here: the HP StorageWorks x510 Data Vault.

If, like many emerging firms, you're sharing a broadband connection among a group of loosely

connected PCs or Macs (peer-to-peer networking), everyone can store, secure and share files through a single device.

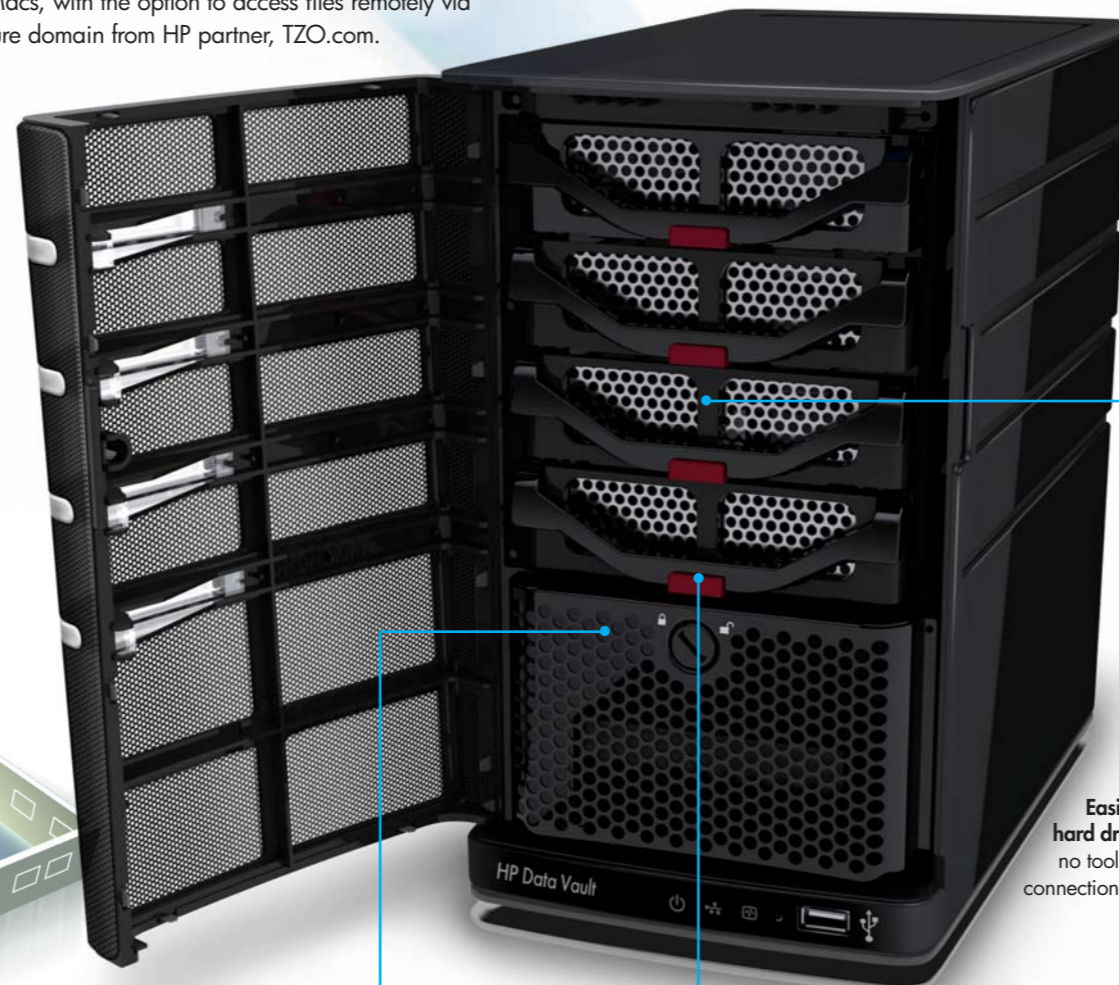
It's powerful. It's simple. And you can afford it.

What is a Data Vault?

It's not a new idea. But it is the first time anyone has managed to make network attached storage (NAS) a simple reality for emerging and home-based business owners. The HP StorageWorks x510 Data Vault is an easy-to-use, cost effective NAS device that allows important files to be stored, secured and shared anywhere among a small team. It means that businesses like yours can start using the benefits of NAS to improve their effectiveness and productivity.

Because it's based the Microsoft Windows Home Server, working with the Data Vault is easy and familiar. You certainly don't need an IT specialist to take care of it. It's extremely simple to install and manage thanks to the Home Server's combination of powerful features in a user-friendly environment.

You can provide automated backup for up to 10 PCs and Macs, with the option to access files remotely via a secure domain from HP partner, TZO.com.



Default 1TB, 2TB, 3TB capacities with folder duplication support for protecting 10 PC clients or Apple Macs.

Four hard drive bays for internal SATA drives as well as four USB ports and one eSATA port for fast external hard drive connection.

Easily snap in hard drive trays - no tools or cable connection required!

The Data Vault has two empty bays for adding more drives on the inside, plus 4 x USB and 1 x eSATA ports enabling extra capacity on the outside with external drives.

With three base models offering 1 TB, 2 TB or 3 TB of capacity, the x510 will easily expand as your data grows, protecting your business for years to come. No fiddling around with cables. No complicated set up procedures. And no more worries about your data.

What can it do for you?

- Automatic backup and restore for up to 10 PC clients and Macs via wired or wireless connections.
- Allows you to access any files in the Data Vault from any location, with no monthly fees for remote access
- Makes it easier for your team to get their work done by providing shared access to files and folders
- Makes it easy to create user accounts with different levels of access and invite authorised visitors to view and edit files

- Gives you extra peace of mind with built-in anti-virus protection and optional online storage service from Amazon (via subscription)

- Acts as a Media Centre and iTunes server for the office to stream music, photos and files to screens display panels, other PCs or remote computers

- Permits easy expansion with industry standard hard drive upgrades

- Adds more on the outside with four USB and one eSATA port

Backup? You can forget it!

The HP Data Vault automatically backs up all your computers every day. Install the client software on any PC on your network and the HP Data Vault does the rest. Daily backups can be viewed as individual files. You can open any backup and restore a single or multiple files, or even a complete system.

One drive does it all.

One HP Data Vault provides backup and data archiving for the whole office. The HP Data Vault plugs directly into the router on your network and works fast, sharing data at Gigabit Ethernet speeds among PCs and Macs.

It's so easy to set up.

Choose any PC as a management system and load the installation CD. An installation wizard takes you through a very simple, step by step process and explains how to install the software that will allow all the other PCs and/or Macs to use the Data Vault.

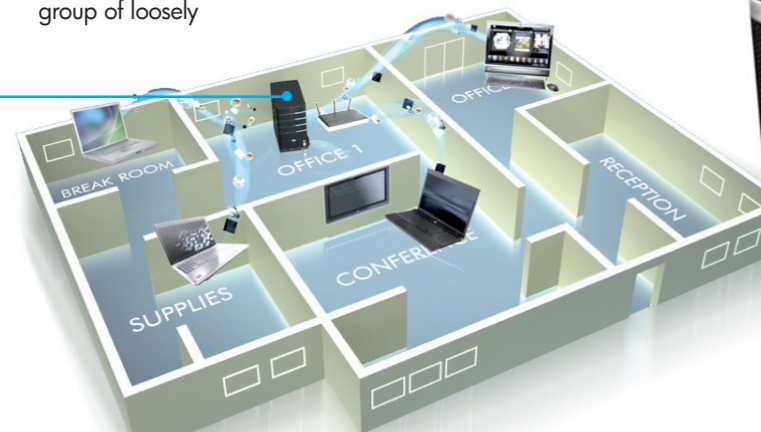
It's free and easy for everyone to share information.

You can access network files on the network through a HP Data Vault Shared Folders icon on your desktop or through the control panel if you manage the system. Everything you need comes in the box and you don't need to buy extra licences when you add another PC or Mac to your network.



Securely stream your files across the office - or across the Internet

Provides remote access to files from any computer connected to the Internet—and access for authorized visitors to view and retrieve information.



STORE it.



SECURE it.



SAVE £.

¹Remote access to the HP Data Vault and the applications can only be accessed through a 128-bit secure https session. Upon installation, a simple wizard guides you through three options for setting up a secure, personalized web address. The web address can be used for remote access to shared folders and computers and other multimedia features.

The three options are:

- Register for a web address from TZO.com (such as, <https://yourname.hphome.com>) that is free for the first year, then costs a nominal fee per year.
- Upgrade to your own custom domain name from TZO.com (such as, <https://yourname.com>) for a cost-competitive fee.
- Register for a free Microsoft Live web address.

TZO domain names provide additional value beyond the Microsoft Live option:

- Some broadband ISPs block Port 80 which is required for easy remote access.
- The TZO service allows you to obtain easy remote access even if Port 80 is blocked.
- With the Microsoft domain name, if you don't already have a Microsoft Live account, you'll have to set that up.
- Plus, with the TZO custom domain name option, you can get your own domain name (such as, smithfamily.com).

HP StorageWorks x510 Data Vault



So if your hard drive crashes, your data will still be protected. The HP Data Vault will always duplicate folders unless you tell it not to. So without you having to think about it, every file in the shared folder will be written to two separate hard disk drives in the vault.

It's better than RAID.

Folder duplication is better than RAID because you only make copies of the files that need duplicating, whereas RAID 1 mirrors everything, including all the files you don't need to copy. And most RAID configurations in this price bracket want all the disks to have the same capacity, whereas the HP Data Vault allows you to add different or higher capacity hard disk drives as they become available, without sacrificing space on the new hard disk drive for RAID.

Easy to expand using industry standards.

You can expand the vault with terabytes of extra capacity using any 'off the shelf' 3.5 inch SATA I or SATA II hard disk drive. Plus you can hot swap hard disk drives too. There's no need to switch off when you want to add another drive and you don't need special tools: just open the door, slide in the new drive and let Data Vault do the rest.

The Windows platform makes it easy to add new applications and services in the future, including free Windows Home Server software add-ins for extra functionality.

Transform your data protection.

Everything you need to keep your data safe, sound and available to all the right people is right there in the box. HP is the world's favourite data storage specialist, with a name for reliability, integrity and service.

The HP Data Vault is a clever device that protects your data and makes it freely available to all the right people. How it does it probably isn't important to you. What matters is that it only takes minutes to set up, works first time and gets the job done. And it looks great too.

STORE it. SECURE it. SHARE it.



It looks and feels familiar.

Because we've used Microsoft's Windows® Home Server software for the user interface, you don't need to be an IT pro to set up and configure your HP Data Vault – and your users won't need to learn anything new to drag, drop and access files. Windows® Media Connect media streaming functionality makes the transfer of complex files quick and simple.

Share anything, anywhere, with anyone.

Anyone who has your permission and access to a PC or Mac can access files in the Data Vault. When you're out and about, simply open your web browser and enter the web address you've created to access the vault. It's just like accessing your email using a webmail account. You don't have to have a custom address for remote access, but it will give you more flexibility and control. Web addresses are registered through the HP partner TZO.com¹ and are free for the first year, with a low nominal fee for each additional year.

Customers, suppliers and anyone else outside the business can be allowed to access certain files through shared folders. For each user, and each file you can assign Read/Write, Read Only or No Access privileges. Users log in with a strong password to access shared folders or PC applications through the vault.

Folder duplication gives double security.

With one click, you can tell the HP Data Vault to duplicate any shared folder to a second hard drive.

www.hp.com/uk/datavault

© 2009 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Produced in the U.K. 10/09 XXXX-XXXXEE

safe **BACKUP**
RELIABLY

