

## UltraVault™ Managed Backup

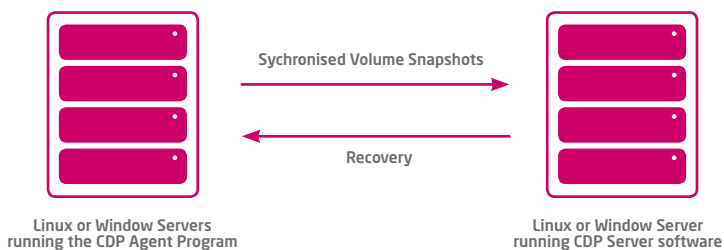
Total Peace of Mind with Continuous Data Protection.



## UltraVault™ Managed Backup

Melbourne's UltraVault™ Managed Backup is an automated offsite Continuous Data Protection (CDP) solution that runs on both Linux and Windows servers.

Offering both continuous data protection and bare metal restore abilities, UltraVault™ is a true data protection offering, not just a backup product. UltraVault™ is ideal for the administrator looking for automation capabilities beyond our standard offsite NAS offering.



## Can your backup software do this?

	UltraVault™ Managed Backup	Acronis True Image	Offsite NAS
Daily backups	Yes	Yes	Yes
Hourly backups	Yes	Yes	Yes
Open-File backups	Yes	Yes	Not Supported
Continuous Data Protection	Yes	No	No
Restore Linux LVM	Yes	No	No
Restore Linux Software RAID	Yes	No	No

It's an alternative to a dedicated server. It appears just like a dedicated server and has a full operating system to which you'll have root/administrator access. However the hardware on which it runs is virtualised. As you'll see if you read on, this brings a number of benefits.

## What Powers UltraVault™?

UltraVault™ is based on R1Soft's CDP product (more information at [www.r1soft.com](http://www.r1soft.com)). It runs across our own private fibre network, to our offsite disaster recovery (DR) facility. Your data is backed up to our highly resilient Vault servers, which have fast RAID50 storage.

Private Vault servers are available upon request, and are strongly recommend for anyone backing up over 1TB of data.



## Key Benefits of UltraVault™ Managed Backup

### Bare-Metal Disaster Recovery

Bare-Metal Disaster Recovery: Restore servers directly from disk-based backup. Unlike traditional backup software, there is NO need to first partition your drive and install the operating system.

### High Performance

Sector based backups increase throughput and reduce overhead. Servers can be fully operational with minimal performance impact during backups. Backups can usually be performed at anytime, even on busy servers.

### Small Backup Windows

Only changed disk sectors are copied between backups. Incremental backups can now be completed in minutes.

### Open File Backups

UltraVault™ is a total solution including built-in support for backing up open files. No 3rd party software is required.

### Snapshots

Our technology provides consistent point-in-time system-wide backup images.

### Near Continuous Data Protection

During normal host operation, the UltraVault™ keeps a journal of disk changes. Incremental backups know what sectors on the disk have changed before the backup operation even starts. This eliminates the need for file-by-file or block-by-block comparisons every backup.

### Remote Administration

Software can be completely controlled off-site using a web-based interface.

### Compression

Incremental sector based backups ignore unused portions of the disk and copy only the disk sectors that have changed since the last backup. This when used with traditional compression, reduces backup storage by as much as 90% when compared to a traditional system wide, file-by-file backup.

### End-to-end strong encryption

Data is continuously encrypted while in storage and during network transmission using RSA keys. Decryption during a restore is only possible when the encryption key holder enters their pass phrase.

### Data Integrity

During backup and restore data is verified using MD5 checksums.

## Service Pricing

We've tried our hardest to make UltraVault an extremely cost-effective service as we feel it is a hugely useful - and important - addition to any server containing valuable data or complex configurations.

	Self-managed dedicated/virtual servers, colocation and rack space customers	Managed/UltraManaged Dedicated/Virtual Server Customers
<b>One-off setup charge</b>	Free of Charge (self managed service)	Free of Charge (Melbourne will install backup agent)
<b>Per-server rental Charge</b>	£5 per month	Free of Charge
<b>Storage charge</b> Charged per month per GB stored.	£0.50 per GB stored per month (retro-billed based on usage)	
<b>Data transfer charges</b>	Data is transferred on a separate VLAN and as such does not incur any charges.	
<b>Setup of backup jobs</b>	Customer self-managed	Melbourne managed
<b>Data restores</b>	Included, customer self-managed	Included, Melbourne managed

To order UltraVault™, or to upgrade to a managed service, which includes UltraVault™, please speak to your account manager or visit our website: <http://www.melbourne.co.uk/managed-services/>.

## We're different.

In a really over-crowded industry, we feel that what sets Melbourne apart from our competitors, is the fact we care about our customers, we look after our staff, and we provide an incredibly high level of service at an affordable price.

Hear it for yourself. We've commissioned some short videos featuring some of our customers talking about their experiences with Melbourne. Watch them now at [www.melbourne.co.uk/ten-reasons](http://www.melbourne.co.uk/ten-reasons)

To learn more, give us a call on: **0800 915 8771**