



simple network storage solutions for law firms



simple to manage, secure data storage

Few industries have been so dramatically impacted by the emergence and usage of digital content. Sifting through papers, letters and reference books have given way to electronic discovery, e-mail and digital reference tools. Every year the volume of electronic documents increases exponentially. E-mail records, financial data, contracts, drawings, transaction records all require storage for the litigation or transaction period and often longer. Law firms have a variety of fluctuating storage needs depending on the case. Litigation can require vast amounts of data storage for a single case; every case is different and has different requirements for retention. This is particularly difficult to manage in a direct attached storage environment.

key features

Data protection

The StoreVault S500 provides multiple layers of protection for client data. The disk array uses RAID protection to ensure data is kept safe in the event of a disk drive failure: a replacement drive is rebuilt from the surviving drives. RAID-DP is a NetApp technology that provides a significantly higher level of protection by ensuring that data is kept safe in the even in the event of two disk drive failures occurring at the same time. Having a hot spare in the array provides the ability to recover faster from a disk failure: as soon as early warning of a failure is detected the hot spare is immediately brought online and the recovery operation starts.

The data cache, which boosts performance, on the StoreVault S500 is non-volatile RAM: the memory is protected with a battery backup so that the data in cache is safely retained in the event of a power outage.

Backup and restore

Backup of client records and the ability to quickly recover are critical to legal teams for whom the access to data can mean the difference between winning and losing a case. The StoreVault S500 can be specified with a SCSI card to enable direct backup to tape of the unit. NDMP compliance ensures that the unit can also be backed up over either iSCSI or Fibre Channel SAN.

The S500 can act as a target for centralized backup of lawyers' laptops, reducing the likelihood of data loss from damage, theft or corruption. It can also act as a backup target in a disk-to-disk-to-tape implementation. Backup to disk ensures rapid restoration; backup to tape enables easy offsite storage for disaster recovery or archival purposes.

key features (continued)

Growing Storage Capacity

Law firms face dramatic changes in storage requirements, often at short notice. The ability to add storage quickly and easily can ensure a competitive edge.

One of the unique features of the NetApp RAID architecture is that additional disk drives can be added to the array at any time, without disrupting normal operations. Compare this to adding storage capacity to a server with direct attached storage!

Allocating Storage

The StoreVault S500 treats the physical storage as a central pool that can be logically divided up and allocated out to different practice areas. This virtualization of the storage delivers the ability to easily allocate and reallocate on the fly with no disruption to the lawyers or applications. The technology also enables accurate billing of storage resources out to client accounts.

summary

The StoreVault S500 provides a way for law firms to consolidate their storage into a central scalable pool that can be easily allocated and reallocated without the need to buy new processing power and without disrupting existing storage. Capacity can be easily added as required without the need to disrupt applications. Storage can be simply allocated to a server, practice area or application on the fly, and accurate client usage can be determined for billing.

The S500 can be a platform for protecting lawyers' laptops, a key part of a backup strategy or centralized storage for e-mail and document management applications. With underlying technology proven in the storage environments of the worlds largest companies, the StoreVault S500 offers flexibility, affordability and peace-of-mind data protection.



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About Network Appliance

Network Appliance is a world leader in network storage solutions for today's data-intensive world. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network Appliance solutions and services is available at www.netapp.com.

For more information on StoreVault by NetApp, go to www.storevault.com

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