

# Secure Backup Vault

Premium Disaster Recovery for less than you might expect

The easiest way to eliminate tape from your environment and get your backups offsite without any large capital investment.

Challenge	Solution	Benefit
Unprecedented data growth makes planning and budgeting impossible.	MDS Secure Backup Vault requires no upfront capital investment and is charged on a per GB/month basis.	The traditional planning and budgeting constraints are removed allowing you to plan based on a fixed cost for data backup/restore.
Regulatory requirements demand that data is retained for longer or sometimes indefinitely.	Data can be retained within the MDS Secure Backup Vault for longer periods and optional tape vaulting is available.	Data retention requirements can be met at a much lower cost per GB, without the management overheads normally associated and you can retrieve data from the vault at any time.
Disaster Recovery (DR) plans require an offsite copy of the data.	Every backup taken is replicated offsite to the MDS Secure Backup Vault on completion. De-duplication technology ensures efficient replication offsite and recovery.	Removes the need to rely on (unreliable) tape media being shipped offsite to meet the DR requirement and reduces the overall cost. Advanced storage technology reduces the required bandwidth.
Constant change within your organisation.	MDS offers complete flexibility on the configuration of the backup environment without the typical penalties associated.	Your organisation can plan for change without the normal concerns over wasted investments in backup, secure in the knowledge that the data is always backed up.
Customers need to move to a 24x7 operation but the cost of employing additional IT staff to meet this requirement is prohibitive	Advanced disk de-duplication technology ensures backups are faster and more efficient than using tape media.	All backups are to a local disk appliance to ensure the fastest possible backup and restore operations.
IT budget constraints result in lack of resources to manage day-to-day operations and new projects.	MDS will manage the vault process from start to finish.	Frees up your valuable resources to focus on project work and allows scalability without having to employ more staff.
Traditional tape based solutions are unreliable and hinder backup/restore times.	Tape is eliminated from the primary backup and offsite process. All backup/restore operations are from disk.	Backup/restore operations are no longer at risk of failure due to tape issues, and a local backup to disk appliance ensures optimum throughput operations and new projects.

## Secure Backup Vault

MDS Secure Backup Vault (SBV) provides the ultimate solution for customers wishing to eliminate the headache and costs associated with traditional tape media for backups.

Tape media and the associated costs of managing and offsite storage can mount up considerably in any organisation. This coupled with the time and risk associated with restoring data from tape means that many organisations would like to eliminate tape media from the backup process but are struggling to justify the cost of doing so.

MDS has created Secure Backup Vault to provide a cost-effective solution to these challenges. The service involves the deployment of a dedicated disk appliance at the customers primary site to replace the use of tape media as the primary backup medium. Class leading block level de-duplication technology and in-built data replication means that customers can cost-effectively store backups online (locally and in the MDS datacentre) for long periods. All backups are replicated daily to the MDS datacentre over existing IP communication links and further tiers of storage are available for longer term retention.

## Operations

### About MDS

Managed Data Storage Ltd (MDS) is dedicated to providing high quality, innovative services combined with best in class technology to deliver alternative solutions to traditional IT infrastructure problems. MDS was formed to fill a market demand for a provider of annuity services that truly understands how to integrate infrastructure technology.

MDS has invested time and money into building the infrastructure to support a range of managed services that are designed to help our customers achieve three objectives:-

- Reduce Risk
- Improve Service
- Increase Return On Investment

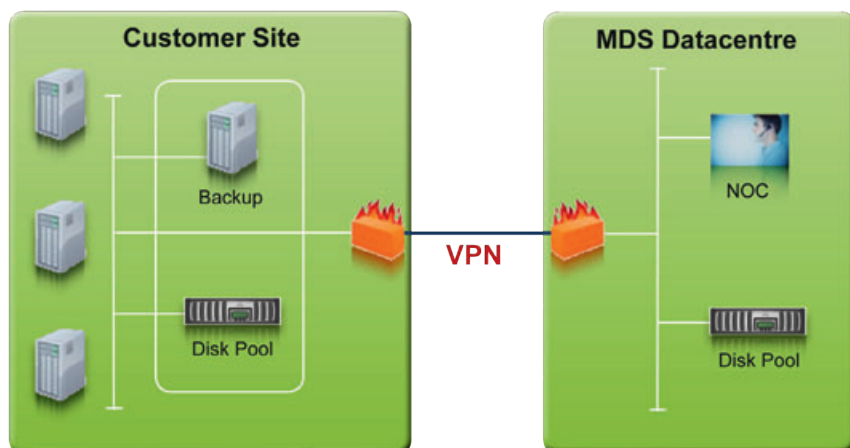
MDS set out to break the managed services mould. By taking a productised approach, it has simplified the process of delivering each service and created a repeatable model that allows it to deliver against these objectives cost effectively.

MDS offers 24x7 service from its Operations Centre in Chesterfield.

Management of the SBV platform from end-to-end is carried out from the MDS Operations Centre. The MDS team will monitor the replication processes 24x7, respond to alerts, manage change in the environment, implement updates and provide monthly reports on the service performance.

All of this is overseen by an MDS Service Delivery Manager who will conduct quarterly review meetings to ensure the service is delivering against the promised Service Level Agreements. Customers are billed using a utility model based on a price per GB for the amount of data replicated to the SBV. There are no up front capital costs, no hidden costs and the price includes all services, software, hardware, maintenance and communication links.

The diagram below is representative of the Secure Backup Vault service:-



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