



Utility Backup

Take the pain and risk out of backup and restore

MDS has developed a cost effective alternative to the traditional approach of owning and managing a backup platform that allows organisations to reduce risk, improve service and increase return on investment.

Challenge	Solution	Benefit
Unprecedented data growth makes planning and budgeting impossible.	MDS Utility Backup 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 overhead normally associated and you can retrieve data from the vault at any time.
Disaster Recovery (DR) plans require an offsite copy of your data.	Every backup taken is replicated offsite to the MDS Secure Backup Vault on completion. Advanced disk based backup 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 is creating financial and operational challenges.	MDS offers complete flexibility on the configuration of the backup environment without the typical penalties associated.	You can plan for change without the normal concerns over wasted investments in backup, secure in the knowledge that the data is always backed up.
Your backup window is shrinking as your organisation moves towards 24x7 operations.	MDS provides advanced client and application technology combined with tight integration with leading storage platforms. Advanced backup to disk technology ensure optimum performance.	Backups can be performed in a 24x7 environment without disruption. All backups are to a local disk appliance to ensure the fastest possible backup and restore operations.
IT budget constraints result in a lack of resources to manage day to day operations and new projects.	MDS will manage the backup process from start to finish.	Frees up your valuable resources to focus on project work and allows scalability without you 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.

Utility Backup

The MDS Utility Backup service has been designed to address these issues by providing a flexible approach to local backup/restore challenges combined with a robust offsite Disaster Recovery solution.

By selecting leading technology partners – CommVault for data protection management, and NetApp and Data Domain for disk based backup – MDS can ensure the widest support for operating system, application and storage environments and provide a reliable but functional backup service.

The service provides both a local disk based backup target combined with daily replication of all backups to the MDS Secure Backup Vault. Enterprise class de-duplication and replication technology ensures that backup/restore times are minimised and that the offsite replication is still possible even when low speed connections are in place.

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

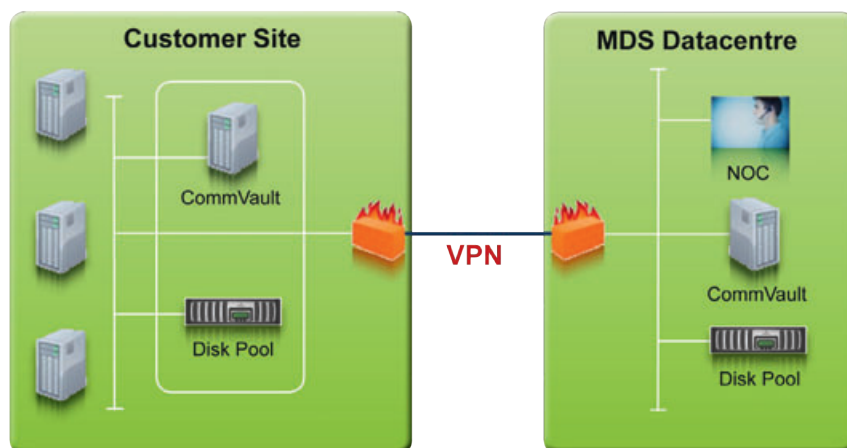
MDS set out to break the managed services mould. By taking a productised approach, it has simplified the process of delivering each service and created a repeatable model that allows it to deliver against these objectives cost effectively.

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

Management of the backup process from end-to-end is carried out from the MDS Network Operations Centre. The MDS team will monitor the backup process 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 backed up at the local site. 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 Utility Backup solution:-



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