



Architecture Design

System Implementation

Specialised ICT Support

General IT Support

Technical Project Management



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ENTERPRISE BACKUP and RECOVERY

The single biggest asset a company has is information about customers, suppliers, competitors, successes, failures and about the business as a whole. And the volume of such data is said to be growing at around 50% per annum. Businesses are also under pressure to hang onto this information for extended periods to comply with corporate governance dictates.

Critically, what many organisations lose sight of is that backup is only part of the exercise; at some point data needs to be recovered. That takes time, a lot of time and it's typically time in which the affected systems are inaccessible to users - downtime.

This scenario could result in major financial loss.

Challenges

Most organisations face some or all of the following challenges:

- securing data stored on servers, laptops and desktops;
- building infrastructure capable of handling large and growing volumes of data;
- accommodating ever more mission-critical applications;
- persistent pressure to increase system performance and improve service delivery levels;
- constantly changing business requirements;
- data restoration can take hours or even days, without guarantees;
- as data grows, backup and recovery procedures need to keep pace;
- constant pressure on the available backup window;
- the unpredictability of human error and deteriorating environmental conditions;
- classification of data to prevent backup of unnecessary data; and
- Information Life Cycle Management (ILM).



Solution

The ideal solution to all of these challenges is to apply the appropriate tailored architecture to balance the desired levels of redundancy, reliability, scalability, flexibility and cost. Such a solution will easily enable:

- all data to be structured in an environment for easy management and replication;
- an expandable backup library with no incompatibilities;
- disk technologies used in conjunction with tape to improve backup and recovery;
- point-in-time copies for off-host backups without disrupting operations;
- a coherent backup regime for managing critical and non-critical data;
- creation of an on-line high availability and disaster recovery site ready to kick-in in the event of failure or disaster;
- more efficient and effective use to available resources;
- elimination of human error from the backup equation; and
- eliminating the effect of unexpected environmental conditions.

Because technology changes faster than business.™

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