

# How Safe is your Data ?

Recent surveys show that 90% of businesses that lose data from a disaster are forced to shut down within 2 years of the disaster\*. Scary thought but only 20% of all organisations in the UK have a business continuity plan and only 8% of those companies have actually tested these recovery plans to give comfort that they would actually work in practice\*.

This is a problem that every organisation, large or small, cannot ignore. In today's business world the majority of company information,

sales ledgers, purchase orders and stock records are stored on sensitive, easily damaged computer discs and tapes.

Manufacturers recommend that computer media is not exposed to temperatures over 40 degrees centigrade and humidity over 85%. This means there are numerous potential hazards. A hot cup of coffee for example will cause serious damage to computer media. A fire could destroy the whole business.

## Key Benefits

- Disc to disc backups for greater resilience, reliability & security
- Fully automated backup removing user intervention
- Incremental backups ensure multiple file versions and reduced bandwidth requirements
- All data encrypted at source using 256-bit AES encryption
- Centralised control through a secure management portal
- Onsite appliance allows for fast recovery of large amounts of data
- Fully integrated disaster recovery solution
- Integrated email archiving

### Microsoft platforms

- Windows NT/2000/3, Exchange 5.5/2000/3, SQL Server 2000/5, IIS, SharePoint, Active Directory

### Multi-platform Support

- Linux, IBM eSeries, IBM iSeries, Sun Solaris, HP-UX

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Removing backup copies from site exposes data to various problems of physical handling and may be inappropriate for confidential information. Who is responsible for the safeguard of your company information?

**Do they recognise the importance that single tape could hold if disaster was to strike?**

Placing a tape close to electronic equipment like a mobile phone or a TV could potentially erase the contents of that tape. It is surprising how many companies adopt this casual attitude to backup, but looking at the quoted statistics will change your mind.

## What is offsite backup?

Offsite data backup is a reliable, fully automated and cost effective way to ensure that your company data can be securely stored and retrieved as and when required. The solution eliminates the issue of who in the organisation is responsible for the successful backup of all the company data and provides a quick and easy 24 hour disaster recovery solution.

## Why use offsite backup?

Offsite data backup is not a new idea but in the past it has been expensive & complicated to

implement. Now that high bandwidth is relatively inexpensive offsite storage is a realistic proposition for any small to medium size business.

**Disaster** – While tape backup will protect against a hardware failure it does nothing to help in an office disaster or theft. **RestoreSafe** offsite backup will give you piece of mind knowing your data is archived away from your office.

**Reliability** – Consider this scenario, you insert the backup to restore a mission critical file or database only to find the backup is corrupt and you have to revert to the previous day's archive losing days worth of valuable information.

**RestoreSafe** verifies the data offsite and also enables you to run daily data integrity checks.

**Convenience** – Tape backup is reliant on human intervention, either changing tapes or archiving files manually. **RestoreSafe** is a fully automated Managed Service with central control over the whole dataset. Data can be restored instantly from our mirrored servers or from the local appliance.

## How does RestoreSafe offsite backup work?

**System Backup** – An initial full backup is made of all the important data held on your organisations server(s). The **RestoreSafe** software compresses and encrypts this data onto a local appliance which we supply and install. Once up and running only the incremental changes are sent offsite via the Internet to our offsite mirrored data servers at the secure Data Centre.

**Security** – The system will continually monitor your data and the system is protected using public key infrastructure based on RSA and AES256 bit key length cryptography. A unique encryption key is provided to the client, without which the data is inaccessible.

**Restoration** – Using the **RestoreSafe** management console any file(s) can be restored quickly using the restore wizard. The local appliance will enable larger amounts of data such as folders, complete drives and applications to be restored back to the network server(s) quickly and efficiently.

**Archive** – The solution also comes with an email and data archive facility which ensures legislative compliance is achieved. It enables you to remove data from your expensive production systems keeping it archived (1 year, 3 years, 7 years, 10 years or permanently). The searchable email archive enables the information you want to be returned to your desktop satisfying most compliance needs. Search on subject and attachments across date ranges to restore the relevant emails.

A fully integrated audit trail ensures that you can demonstrate that files within the archive environment have not been altered since the day they were secured.

## Why is our solution different?

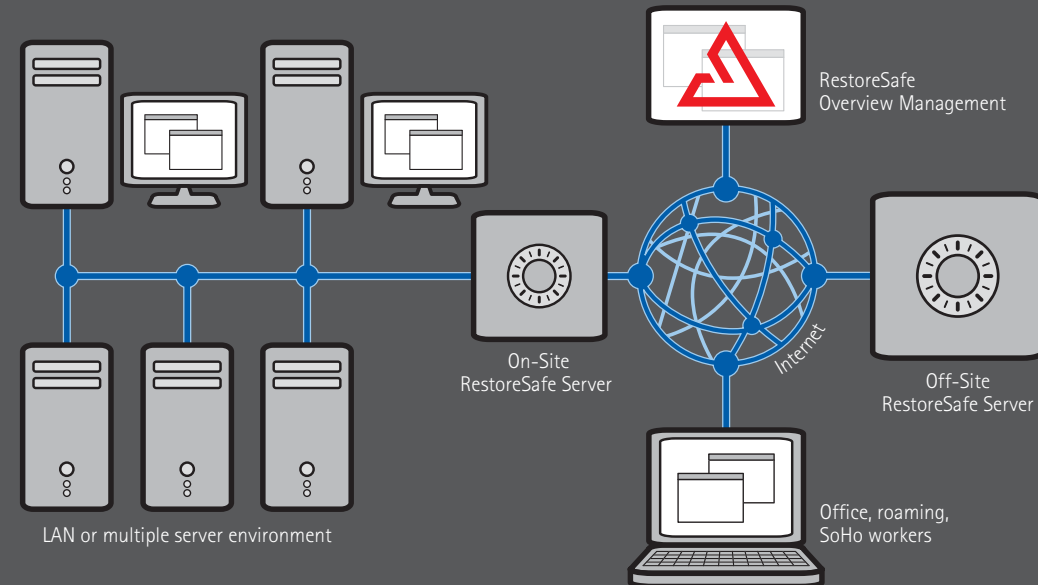
**Local Appliance** – The local appliance replicates all of the vital data stored on your network providing a further secure location for your company data. This device also enables a rapid backup and restoration service unlike other offsite backup solutions.

**Simplicity** – The centralised management console implements a corporate wide policy for the automated backup process. Central control over the

## How the Technology Works

The unique onsite appliance captures data from the network server(s), encrypts and compresses it ready for transit. The data is then streamed over your existing Internet connection during off-peak hours to the secure offsite appliance.

A centralised management console deploys the corporate backup, recovery and archive policy covering your local and remote datasets. With central control over the whole dataset any information can be restored from any backup to any location in your organisation.



whole dataset means that data can be restored from any backup to wherever it is needed – instantly.

**Reduced Costs** – **RestoreSafe** reduces cost of administration, utilising the existing network infrastructure and reliable disk storage to create a secure, resilient and effective backup and disaster recovery environment.

Call **01296 330099** or email [enquiries@restoresafe.com](mailto:enquiries@restoresafe.com) for more information on our complete DR solutions

\* DTI Information security breaches 2004 Backups and Recovery.

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