

# Online Backup Solutions

## Overview

**"60% of business critical data is held on laptops "**  
**"51% of businesses that lose their data fail within 2 Years"**

## **Problems & Issues**

Your company's data is an asset that needs to be protected. The far reaching consequences of losing this data is a place where no business big or small wants to find themselves, yet it is estimated that:

- 99% of businesses do not have a proper daily backup routine in place.
- 80% of businesses who actually carry out data backups still employ a tape media back up strategy.

The use of tape media significantly increases the risk of failure of a backup and or recovery. This also introduces the potential of human error for lost or misplaced tapes. Good practice for tape management requires storage in a fire proof Data Safe and off site locations. This impacts both in terms of the amount of manual intervention required to operate the system, and in the time lost in the physical retrieval of the required media. The more traditional methods of backing up data are often abused or mismanaged, opening up a high degree of risk and security breach.

## **Problems with backing up on tape**

- Tape backup often involves a different tape for each day of the week and the responsibility of the last person to leave the office to set the backup running
- Backups can fail due to software errors
- Tapes sometimes run out of capacity
- The correct tape is not always available if taken offsite for security and not returned
- Recovery of data can be unreliable

## **Solution**

Larrytech Online Backup is a solution that allows your business to easily, securely and automatically backup its critical data to two separate and secure off-site locations. The service also allows backed up data to be retrieved and restored to the original desktop or laptop, or to a replacement machine, anywhere in the world.

Larrytech Online Backup uses Attix5's, RSA security approved, *Backup Professional* software.

Larrytech Online Backup can ensure that business critical data stored on servers, desktops and laptops can be efficiently protected meeting governance obligations (The Combined Code, Turnbull Report and Higgs Report).

## **Desktop & Laptop Backup**

The Desktop and Laptop Backup service enables data stored on Desktop and Laptop PCs to be securely backed up over the internet to the resilient storage facility within a Data Safe data centre.

A Backup Client is installed on each PC to be protected. Once installed, you can select which folders and files you want to protect and activate your account on the storage platform. Backups can be manually instigated or automatic.

Specific features of the D&L Service include:

- Remote backup over the Internet
- User and / or IT department File & Folder selection
- Automated back up at defined time
- User driven data restore – no need to contact Larrytech
- ID, password and private key phrase authentication
- 30 to 60 days access to earlier backups
- Data compression on transmission – reduces time taken
- Data encryption on transmission –highly secure
- Data encryption on storage

**A Browser interface also allows backed up files to be securely accessed from any Web Browser. This means that in the event of a major failure or equipment loss, data can still be accessed.**

### **Access to previous backups**

When a new backup account is established, there is an initial backup of data. Once the initial backup has been completed, only changes at the binary level are backed up thereafter. This means that daily backups are completed quickly.

After the initial backup, daily backups are done for a two calendar month, up to 60 day, period. At the end of the 60 days, the oldest 30 days are consolidated into a single backup volume until a further 30 days have elapsed when the cycle is repeated. Users of the service are able to access specific backups up to the month end consolidation allowing restores to be effected from any point within the cyclic 30 to 60 day window.

### **Security**

All of the Larrytech Online Backup Storage Platforms are hosted using secure hosting facilities, which are a combination of secure data centres and fully resilient network infrastructure.

The backed up data, held on the Primary Storage Platforms, is replicated every 15 minutes and is transferred (via the private network) to the Mirror Storage Platforms in a second remote data centre.

The data centres are housed in highly secure disaster recovery buildings, owned and managed by IBM Business Continuity & Recovery Services, which offer a wide range of benefits:

- Private fully secure data centres
- 24-hour security with monitoring of all access within the buildings by CCTV
- Restricted access within buildings controlled by swipe card systems
- Multiple, redundant, mains power feeds with UPS and mains power generator backup
- Fire suppression systems
- Monitored air conditioning

The data centres are linked directly to an ultra reliable, dedicated hosting network, which has multiple, high speed fibre optic connections to Energis, Cable & Wireless and Level3 Communications, our Tier 1 Internet Backbone Providers.

These multiple Internet connections are bound together and managed using Border Gateway Protocol (BGP) technology, which provides full systems redundancy.

Our network also has its own Autonomous System, otherwise known as an "AS Number", which allows us to send and receive Internet traffic via any of our Internet backbone providers, thus making the service totally backbone provider independent.

## **Pricing**

- You pay for the volume of data you want to back up from your machine.
- No charge is made for archived data.
- There are no set up costs.
- Pricing is calculated per Gb per month.
- E.g. 6Gb will be charged at 6 x £4.99 per month.

<b>Storage GB</b>	<b>Price (£ / Gb / month)</b>
1	6.99
2 - 3	5.99
4 - 7	4.99
8 - 12	4.49
13 +	3.99

## Contact Us

Thank you for taking the time to look into our range of online backup solutions. If you have any questions, we would be happy to discuss them with you. If you are unsure which of our products is most appropriate for your needs, get in touch.

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