Dr.Backup™
online backup service

Enhanced Backup and Security Capabilities
To Meet the Increasing Cyber Threat

Dr. Backup services help clients protect their critical computer files against virtually all common data loss threats. However, recent “advances” by cybercriminals have succeeded in taking that challenge to a whole new level.

Computer backups are the last line of defense businesses have to recover from a digital *meltdown* – so their reliability is paramount. We remain committed to providing the capabilities needed to enhance our customer’s *digital safety net* – so they can fully recover from even the worst of data disasters.

Dr. Backup clients can now choose to take advantage of the following enhanced security features/capabilities available in our backup agent software. These provide improved data loss protection for both online and local image backups.

1. **Keep Multiple Versions Forever** – This enhanced data retention capability now permits specifying the number of individual file copies retained online AFTER the standard retention timeframe has expired. This may permit recovery of an older version of a file – *EVEN IF THE ORIGINAL FILE WAS DELETED FROM THE LOCAL COMPUTER* or previously undetected file corruption occurred.

2. **Local Image Backup** – This feature enables the regular creation of *COMPLETE DISK IMAGES* (including the operating system, application software and data) to customer provided storage media. The use of VHDX formatted archives now permit us to backup disk volumes exceeding 2TB in capacity. Individual data files can also be retrieved from a disk image using Windows Explorer (no special software required).

   💡 Local Image Backup (VHD/VHDX) archives can be used to implement advanced data recovery techniques such as “Bare Metal Restore” and “Virtualization.” Contact technical support for more information on how these techniques are used to dramatically speed up the time it takes to resume operations after a data disaster.

3. **Local Image Backup to Portable Media** – Create VHDX formatted archives on portable disk media which can be disconnected from your local computer system. By alternating the use of two portable drives in sequence, you are able to “*Air Gap*” your backups – guaranteeing at least one recent copy of your data is inaccessible to network intruders.

4. **Authenticated Access Control** – If your windows system is compromised, this feature adds another layer of basic protection to help prevent unauthorized changes to your backup configuration. This also provides the same basic access control over all restore and delete management interface functions.

5. **Malicious Delete Protection** – Restricts ability of unauthorized personnel to permanently remove data from your offsite backup storage archive. A call to our technical support team by the registered account owner (during regular business hours) would be required to temporarily disable this protection.

   💡 Data which has exceeded its specified retention period will continue to automatically purge from your account to moderate cloud storage usage.

6. **Data Replication to Geographically Diverse Storage** – Customers seeking enhanced cyber insurance coverage may be asked to implement redundant data backup archives across geographically diverse locations. Our backup software agent now supports this capability.

   💡 This feature is supported through the implementation of public storage protocols used by Amazon AWS®, WASABI® Hot Storage and Google® One Drive. Please contact technical support to review the details of this capability and associated customer responsibilities and costs.