
Redstor Backup Pro

Every day more than 40,000 organisations rely on Redstor to protect their data through a fully automated, encrypted and secure online backup and recovery service.

The Data Protection Problem

Effective data recovery is only possible if reliable and well-managed back-ups are performed regularly. Many backup procedures rely on human involvement to ensure that they take place; unfortunately, monitoring and managing a manual backup process is a tedious and time-consuming task and is easily forgotten.

All Your Data, Automatically, Every Day

Cloud Backup Pro is a secure and automated, online, disk-to-disk, backup and recovery service that is efficient, centrally managed and simple to use. Fully customizable and seamlessly scalable; it supports a wide range of operating systems and applications running on servers, desktops and tablets. It completely replaces backup media, meaning there are no more tapes to purchase, change, transport, catalogue and store. By eliminating the costs and data loss risks inherent in manual backup procedures, it enables IT staff to focus on more strategic business initiatives.

Cloud Backup Pro Backup Efficiency

Forever incremental backups ensure minimal data transfer by identifying and sending only changed data. The use of byte or block-level patching techniques together with compression and client-side deduplication ensures extremely high levels of efficiency. Disruptions in the backup process can be resumed from the last byte sent, eliminating the need to re-transmit files that were partially transferred. Intelligent streaming backup technology significantly reduces required local disk usage, to as little as 0.01% of the data selected for backup. Working in parallel with multi-threading backup options, this ensures the speed of your backup is improved whilst minimising the impact on local disk.

Assured Off-Site Critical Data Protection

With Redstor, your data is protected every step of the way. Data is encrypted, at source, using 256-bit AES (GCM) encryption and further protected using TLS ciphers during backup communication. Encryption keys are unique to every backup client and are chosen by the customer. Data cannot be read without the encryption key and at no point are these encryption keys available to Redstor.

Backup Pro Management Console

The central management console provides visibility, control and ultimately peace of mind that your data is being protected. The management console addresses the challenges of provisioning, monitoring, maintaining and reporting on backup and recovery through a single interface, decreasing management overhead and reducing the costs attributed to backup.

Data Restoration

Data can be restored from the backup client, management console, through web access or via "InstantData." In the event of a catastrophic failure, your data can also be physically transported to you via a removable storage device.

InstantData

InstantData – Temporary:

Provides you with access to your Cloud Backup Pro data, as if it were located on a local drive. The temporary access mechanism makes your data browsable through Windows Explorer, files can be opened directly or "dragged and dropped" from your InstantData drive to a location of your choice, taking all the complexity out of operational restores. InstantData seamlessly restores accessed blocks of data on the fly, meaning only the data you're accessing gets transmitted and you get rapid access to the data you need.

InstantData – Permanent:

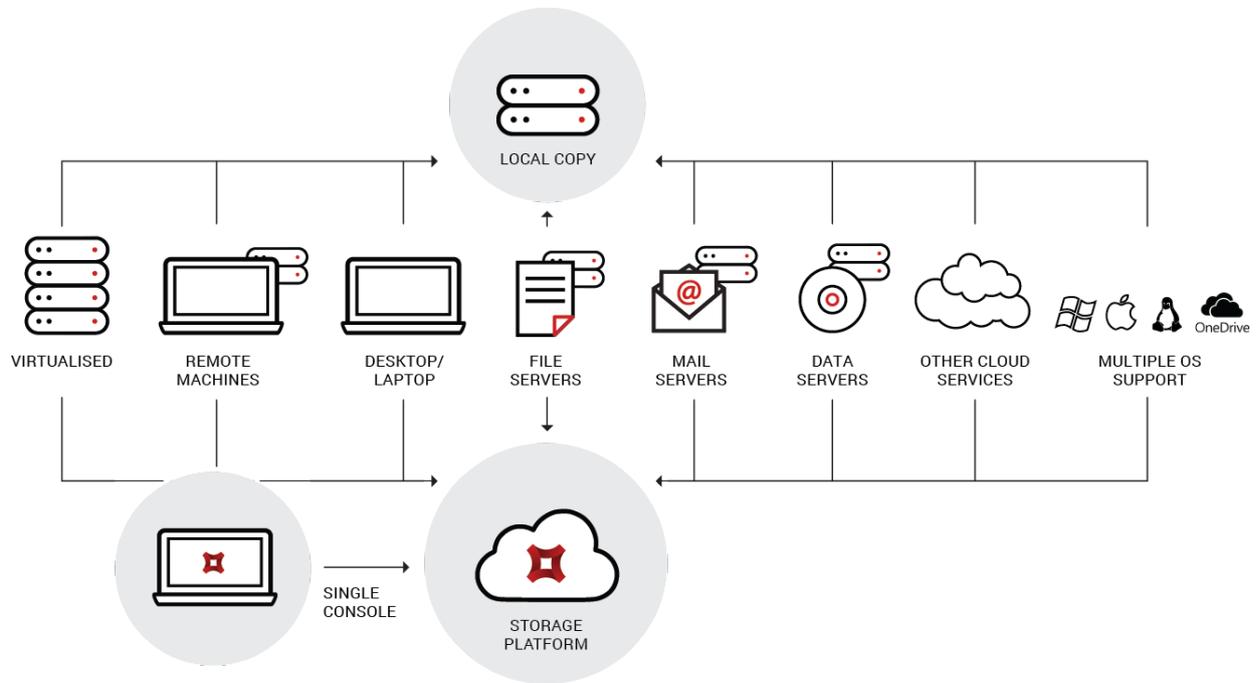
Using InstantData intelligence, files can also be recovered directly into your server, minimising downtime when disaster strikes. Permanent access will create sparse files on disk immediately when a recovery is initiated, allowing you to work without delay. InstantData will seamlessly serve read requests from the backup platform, allowing you to operate normally, even writing new data to files while they restore.

Full System Recovery (FSR):

FSR takes the stress and complexity out of disaster recovery by automating the recovery of your systems. Whether your source machine is physical or virtual, FSR can automatically reassemble your system on virtual disks in VMware or HyperV format, removing the operational complexity of recovering a lost server.



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Item Level Recovery

Remove the operational headaches associated with item level restores in Exchange, SQL and Sharepoint. Redstor Cloud Backup Pro removes the need to run legacy systems or recovery databases by enabling “drag-and-drop” item level restores through an intuitive user interface.

Intelligent File Inclusion and Exclusion

Cloud Backup Pro enables the administrator to control which files and folders are backed up and restored using a range of selection tools. These include filters and profiling features that simplify and speed up the inclusion and exclusion process significantly.

Enterprise Reporting

Cloud Backup Pro features “The Enterprise ReportServer”. Backup information is collected in a centralised database which can be accessed from the Cloud Backup Pro console. An extensive number of predefined report templates can be accessed and scheduled to automatically email single or multiple recipients. Additionally, Redstor can provide customised reporting for specific needs should they be required.

Long Term Retention

Data can be retained long term to comply with legal requirements. Copies can be retained for customisable periods up to and over 7 years.

Cloud to Cloud

Cloud Backup Pro now includes the ability to protect other cloud services, allowing you protect data in AWS, Azure, One Drive and a range of other cloud platforms without the need for on premise deployment of software or hardware.

Enterprise Wide Backup and Restore Solution

Backup support exists for: Windows, Mac and Linux platforms. Database agents are available for online backups, with support for open/locked files using MS Volume Shadow Copy Service (VSS), including a VSS Database plug-in for VSS enabled applications.

Local Copy

For customers who want the peace of mind of having backup data onsite or want LAN speed recoveries, Local Copy gives you the option of storing an additional third copy of backups on your own hardware. Local copy can be enabled with configurable retention on a subset of your machines, meaning you only store the data you want.

Best in Class Data Centres

Redstor is a UK owned and UK headquartered cloud service provider with highly secure UK-based data Centres and a global data centre footprint. UK users of Redstor’s Cloud Backup Pro service have confidence that their data will never be stored outside of the UK, unless desired. Redstor’s data centre facilities feature comprehensive physical security, UPS, emergency backup generators, and fire protection systems. Further details can be provided if required.

