

Redstor Online Backup Plus

Suitable for organisations with more complex environments and/or large data quantities, this product sheet describes the full functionality of the Online Backup Plus client software.

Client-Side Data De-duplication

The heart of the Redstor Online Backup Plus solution is a powerful and efficient client-side data de-duplication mechanism. During each backup session all data is checked against the data that is already available on the backup server, on a very granular sub-file ("block") level. This results in a reduction of the backup volume by as much as 99.0–99.9% on a daily basis.



Backup Manager Screen

File System Backup & Restore

The Redstor Online Backup Plus client software is called the backup manager which provides full support for backing up and restoring data from and to the file systems of the supported operating systems.

File selections can be made in a tree structure which should be familiar to most computer users as it is similar to the Graphical User Interface of an operating system. Selections can be made on drive, directory/folder and individual file-level. Folders can be selected such that new additions to the folder are automatically included and it is also possible to exclude specific files from the backup manually.

Restores can be performed in a similar fashion, by selecting a backup session from which the restore needs to be performed and then selecting the folders and files that need to be recovered from the backup server. Restores can be sent to the original data location or it can be restored to different location altogether, specified in the Backup Manager user interface.

Delta Restore

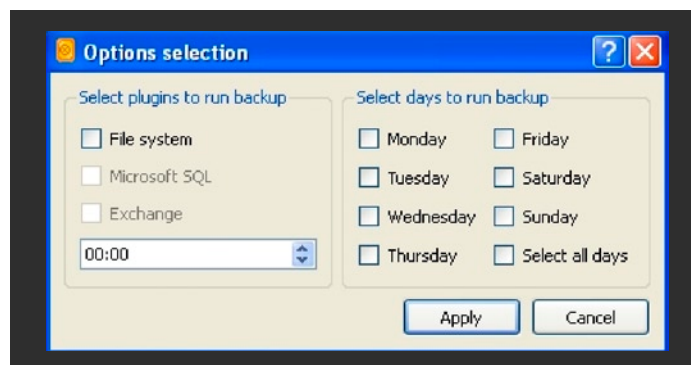
The software boasts a unique and extremely powerful Delta Restore functionality: recovering a file, that is still present in its original location to a previous version, only requires that the differences between the current and the desired version to be transferred over the network. This feature is particularly useful for the restoration of very large files, such as databases, as it can reduce the data volume that needs to be transferred over the network by as much as 99%, thus increasing recovery speed and drastically reducing downtime.

Retention options

Backup retention can be set on the Backup Server side and can range from 1 day to indefinitely. The afore mentioned data de-duplication technology reduces the required storage space significantly and allows for much longer retention periods on less storage space than traditional tape-based systems or competing backup to disk solutions.

Advanced Scheduling

The software allows the user to set multiple backup schedules for File System, SQL Server and Exchange backup.



Advanced scheduling

Application Plug-ins

Application Plug-ins are available for “hot backup” of Microsoft SQL Server and Exchange. Other applications such as Oracle are generally protected via scripts.

System State and User Rights

The Backup Manager client software supports the backup and restore of the Windows System State. With this feature a bare metal recovery of a Windows system can be performed. Also the user rights on the folders and files can be included in the backup and will be recovered when required.



Backup Manager Screen

Shared Folders & Hot Folders

The Hot Folder option provides direct access from the backup tree to popular shortcut folders such as My Documents as well as Outlook and Outlook Express email files.

Shared Network Folders can be included in the backup tree using UNC network path definitions.

File Exclusion Filters

With the File Exclusion Filters option the amount of data can be limited by restricting certain file types – such as temp or media files – from the backup selection.

Open Files Support

Backup of open files is supported using Volume Shadow Copy Services (VSS) under the Microsoft Windows Operating System.

Versions: Workstation and Server

The Backup Manager client software is available in a fully functional server version as well as a workstation version with less overheads designed for individual PC workstations and laptops.

More information

Detailed functionality information can be found in the Redstor Online Backup Plus, Backup Manager User Manual. For an overview of the exact functionality of the Server and Workstation versions under the various client operating systems, a Functionality Matrix is available.

About Redstor

Founded in 1998, Redstor is a profitable Managed Services and IT Solutions Company focused around storage, data management and protection. Over 50% of Redstor’s income is repeatable based upon creating enduring relationships with its customers. Redstor has over 10 years of expertise in managing, supporting and monitoring customers’ data either at their site, remotely or on Redstor’s own online storage and backup platform.

Redstor’s trusted consultative approach is based upon understanding prospects and customer’s business and IT goals and vision, then establishing a base line, before working with the customer to build a plan of action and a solution. This approach was a major factor in Redstor winning the SNS Storage Integrator of the Year Award 2008.

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