

Clunk Click Online Pro

Surrey IT's backup solution, Clunk Click Online Pro, provides fully automated, secure, off-site storage and rapid recovery of critical business data. This datasheet describes the full functionality of Clunk Click Online Pro service.

The Data Protection Problem

Effective data recovery is only possible if reliable and well-managed backups are performed regularly. Many backup procedures rely on human involvement to ensure that they take place and companies assign these manual tasks to the IT department. 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

Clunk Click Online Pro is a secure and automated, online, disk-to-disk, backup and recovery service that is network efficient, centrally managed and simple to use. Fully customisable and seamlessly scalable, it supports a wide range of operating systems and applications running on servers, desktops, laptops 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

Incremental backups ensure minimal data transfer by identifying and sending only changed data. With the use of byte or block-level patching techniques together with compression and client side deduplication, Clunk Click Online Pro 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. New features, including streaming backup, significantly reduce 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 Clunk Click Online Pro, 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 Surrey IT.

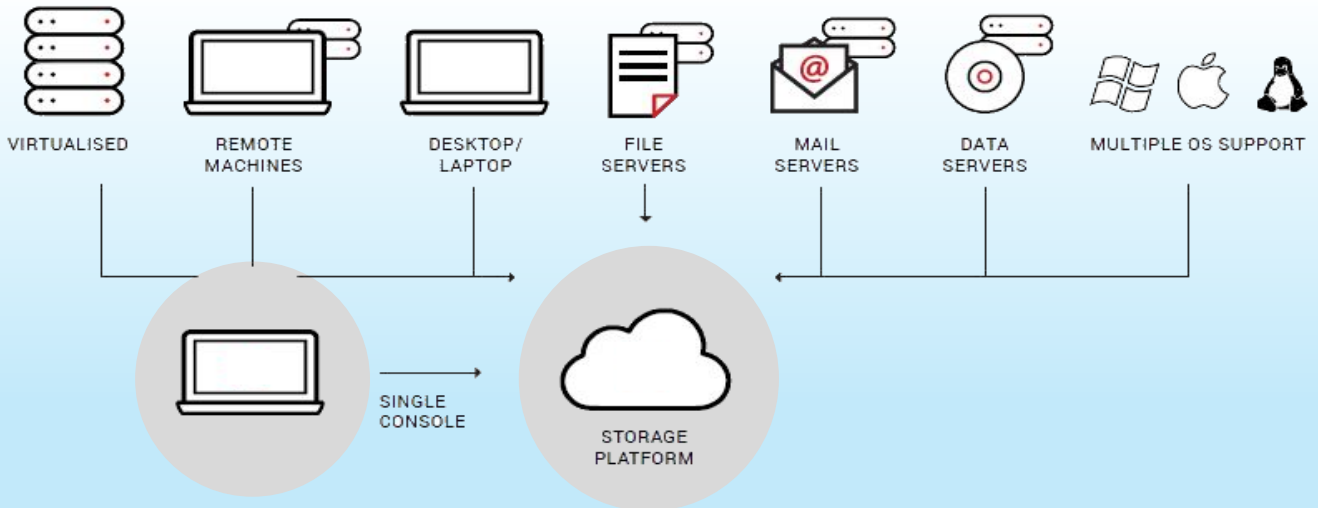
Clunk Click Pro Management Console

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 via InstantData

InstantData has the ability to instantly present backed up data on a virtual drive that appears locally on the machine where the restore is required. The presented drive has full read-write ability, allowing users to mount data to applications within a matter of minutes. Requested data blocks are fetched from the backup server on demand, and any data written to the application is written to a temporary local file (the original backup is not modified in any way). The live data or database can subsequently be migrated to a different machine as time allows. Almost no disk space is required (only to store writes temporarily until the virtual drive has been unmounted). While Virtual Restore is very useful for DR scenarios, it also makes normal restores as easy as browsing a local file system to 'drag and drop' any required files and folders.

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Efficient Storage and Network Utilisation

Advanced deduplication minimises the storage of duplicate files on backup storage infrastructure, limiting the need to invest in additional storage. In addition, by identifying duplicate files and employing compression, network traffic is reduced, limiting the need to invest in additional network infrastructure or connectivity between sites.

Archiving and Tiered Storage Support

Not all backup data needs a very short RTO. In addition, some industries require archiving of files and changes to files for lengthy periods of time for compliance purposes. Clunk Click Online Pro supports the use of tiered storage and offloading of data from primary backup storage. Typically, where this functionality is desired, the administrator will set a desired retention period for data to be stored on primary backup storage, ensuring it is available for restore immediately. Once data passes beyond this period or meets other customisable criteria, it can be transferred to a lower tier of storage, whether disk, tape or cloud-based.

Hybrid Cloud

Clunk Click Backup Pro enables organisations to leverage the Cloud for DR purposes. Administrators can choose to mirror some or all backup data between sites or to data centres for DR purposes.

OS and Application Support

Hardware agnostic, Backup Pro also includes support for a wide range of server and desktop operating systems, business critical applications, databases and virtualisation technology.