



CLOUD BACKUP

THE BACKUP SOLUTION USING OUR DATA CENTRES

Cloud Backup frees you from the constraints of managing traditional backups on tape, discs or removable peripherals. This service is compatible with all of your IT environments, including virtual ones, and with all mobile devices, while remaining very simple to install.

YOUR BACKUPS IN TWO STEPS

1. Local processing of your data

Systemat Cloud Backup is a solution that does not require the deployment of backup agents on your servers. This reduces usage of processor resources on your systems during backups and simplifies installation and maintenance of all backup services. A backup client must however be installed on an existing machine in your network or on a dedicated system.

When the planned backup starts, data are transferred via your network directly to the machine on which the Systemat Cloud Backup software is installed.

The data are transferred to the server and then they are analysed block by block in order to determine what has changed since the last backup. The data are then compressed, deduplicated and encrypted in order to ensure confidentiality.

2. Encryption and delocalisation of your data

The data are transferred by Internet to our secure, Tier IV data centre, the highest classification level for data centres.

For optimum protection, your encrypted data are then replicated at a second data centre.

You can keep a local copy of your most recent backup, in which case the storage volume has to be evaluated in advance and under your responsibility. This means you do not have to use your Internet connection during restorations.

BENEFITS

Security

Communications are encrypted between your servers and our data centres as are your data stored on our infrastructures. This guarantees the security and confidentiality of your data, while ensuring accessibility, since you remain the sole owner of the encryption keys.

The backups are sent from your server to our data centre I, which then replicates them to our data centre II. This guarantees the long-term viability of your data. Furthermore, in case the main server is not available, the second one can take over directly to ensure the continuity of restorations.

CLOUD BACKUP

Cost

Our costs include licences and replicated storage for an unlimited number of servers. You no longer have to support the cost of tapes, transport or storage, and you pay as you go. You can significantly reduce the costs associated with management of your current backup service.

Optimal use of your resources

Cloud Backup is automatic and consumes few resources. Data compression helps to reduce use of your Internet connection. Your data backups are naturally outsourced, which is rarely the case today in businesses.

Complete backup

Cloud Backup automatically recognises the equipment in your network, without the need to install a local agent; all of your data will therefore be secured.

Restoration

You can restore your data yourself via the management console, either from our servers or directly from the most recent, locally stored backup.

Reliability

The data are automatically tested before storage, thus ensuring backup consistency.

2 DIFFERENT PACKAGES TO MEET YOUR EXPECTATIONS

PLUS

Focus on efficiency and budget

Backups are monitored by the client in order to minimise services and therefore costs.

ADVANCED

Focus on efficiency and comfort

Access to the monitoring console with details about backups, possible restoration, delegated supervision.



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CLOUD BACKUP	✓ Included	● Optional	N/A Not available
CLOUD BACKUP SPECIFICATIONS	PLUS	ADVANCED	
Standard backup plans set up during installation	30 versions over 30 days		
"On demand" storage calculated on the basis of your native size	Per segment of 10 / 50 / 100 GB		
Encryption of backup flow	✓		✓
Replication of your data at our two data centres	✓		✓
Optimization of bandwidth and storage thanks to data compression and deduplication	✓		✓
Advanced check of backup data (Assurance of all backups & restorations)	✓		✓
Multi-device and multi-platform compatibility ⁽¹⁾	✓		✓
Automatic detection of all peripherals present in the environment	✓		✓
Local availability of the most recent backup ⁽²⁾	✓		✓
Console with monitoring and statistics, enabling you to monitor all activities in detail	✓		✓
Auto-configuration & self-provisioning of backups via a dedicated console	✓		✓
Administration of backup plans by the client	✓		✓
Granular backup of Exchange ⁽³⁾	✓		✓
SBox	✓		✓
MANAGEMENT & MAINTENANCE	PLUS	ADVANCED	
Restoration of backups by the client	✓		✓
Delegation of backup execution management (to Systemat): tracking of alerts, monitoring, etc. ⁽⁴⁾	N/A		✓
CLOUD BACKUP OPTION	PLUS	ADVANCED	
Tailor-made backup plan	●		●
Installation, configuration on site (as per description) and training of the backup manager	●		●
Transfer of the first backup to removable medium (≤ 1TB)	●		●
«Quick Restore»: data are made available on removable media	On time basis		On time basis
Restoration of backups by Systemat	On time basis		On time basis
Incident management	On time basis		On time basis
INFRASTRUCTURE SPECIFICATIONS	PLUS	ADVANCED	
Redundant data centres	✓		✓
Redundant, secure, high-speed Internet connection	✓		✓
Encryption: AES256-bit 32 characters	✓		✓
SERVICES	PLUS	ADVANCED	
User assistance: office hours	On time basis		On time basis
OTHER RELATED SERVICES	PLUS	ADVANCED	
Specific applications	See « Cloud Business Applications »		
E-mail	See « Cloud Mail »		
Virtual office	See « Cloud Desktop »		

⁽¹⁾ Windows 7, Vista, XP, Linux / MS Windows SBS 2011 / Mac OS X, Tablet Android, iPad, Windows Mobile, SmartPhone Android, Bare Metal Restore, Microsoft Windows Server 32/64, IBM AS/400, System i, AIX, Novell NetWare, MS Sharepoint / Outlook / Exchange, IBM Lotus Notes/Domino, Vmware, XenServer, Hyper-V, DataBase : IBM DB2, Oracle, MS SQL, Sybase, PostgreSQL.

⁽²⁾ Provided that storage space is made available by the Client.

⁽³⁾ Requires a specific configuration and increases backup capacity.

⁽⁴⁾ The resolution of incidents remains an option at the client's expense.