Data protection

When businesses need a reliable backup strategy against data security threats, human error, or natural disasters, best practice is to design a 3-2-1 backup strategy. Synology solutions help businesses safeguard and protect their data by backing up endpoints, physical and virtual servers, SaaS accounts, and more onto on-premises storage and into the cloud.

3-2-1 BACKUP RULE

1 **Have at least 3 copies of your data**

PC/ mac   Server   VMs   SaaS

2 **Store these copies on 2 different mediums**

Primary Backup

3 **Keep at least 1 copy of your data off-site**

Off-Site Backup

Cloud Services

Interasia

Japanese shipper **Interasia Lines** rely on Synology's professional data protection solutions to guard against data loss and malware attacks plaguing the industry. As part of a **3-2-1 backup** strategy, data is replicated to two storage servers and **C2 Storage** in the cloud, ensuring access to critical data for 120 employees at HQ.

Endpoint and SaaS protection

Active Backup for Business

Protect PCs, Macs, servers, and VMs with file-level restoration and instant recovery on Synology Virtual Machine Manager or VMware environments. Reduce storage consumption thanks to advanced data deduplication.

Active Backup for Microsoft 365

Consolidate all Microsoft 365 account protection and back up corporate data stored on OneDrive for Business, SharePoint Online, Exchange Online, and Teams. Benefit from scheduled backups and flexible file versioning and safeguard your data according to your preferences.

Active Backup for Google Workspace

Back up all your Google Workspace data to protect company accounts against accidental data loss, service downtime, or to enforce data retention policies. Reduce storage use by using single instancing and block-level deduplication to back up identical content only once.

Cloud backup

C2 Backup

Safeguard Windows PCs, Mac devices, physical servers, and Microsoft 365 data with a comprehensive cloud backup service hosted on **Synology C2**.

Prevent unauthorized access with private key protection and client-side encryption, and avoid data corruption thanks to 99.999999999% data durability.

SHISEIDO

SHISEIDO Taiwan needed a data protection solution for over 500 staff PCs at HQ, and more than 50 virtual hosts and physical servers. **Active Backup for Business** dramatically cut down backup times while reducing storage use by more than 50% thanks to powerful global deduplication and Changed Block Tracking (CBT) technology.

Synology storage systems backup

Hyper Backup

Back up data, applications, and configurations from Synology systems to local folders, external drives, secondary servers, and the cloud, including Synology C2 Storage, with data deduplication and encryption.

Snapshot Replication

Leverage the Btrfs file system to create fast point-in-time copies of shared folders and LUNs that can be replicated to other Synology systems and restored in case of data loss or accidental deletions.

Active Backup for Business

Protect your entire Synology server, including data, settings, applications, and user preferences with full-system backups and bare-metal restoration.
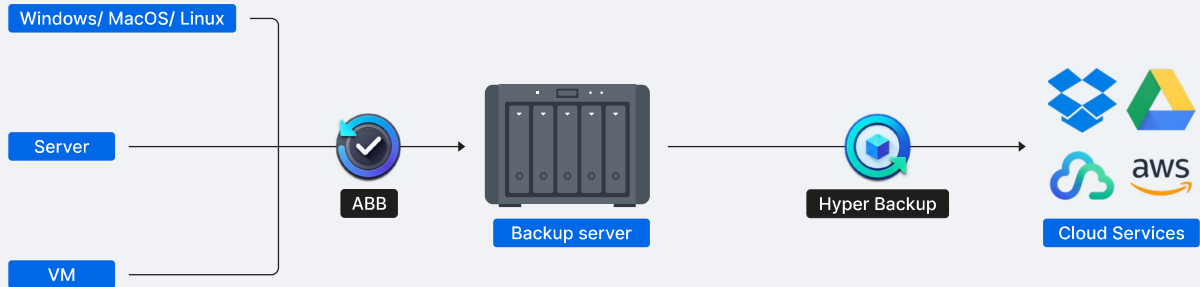
AMGe
association
des médecins
du canton
de genève

The **Geneva Doctors' Association** represents the Swiss region's 3,000+ private medical practitioners. The organization built a robust, secure, and reliable email solution for members with **MailPlus High Availability**, leveraging Synology's **Snapshot Replication** to protect the all-flash main mail clusters with frequent local copies and **Hyper Backup** to back up the entire constellation to off-site OpenStack Swift storage.

Reliable data protection for every organization

Create a multi-tiered data protection plan that fits your organization with versatile and flexible backup solutions.

Single office

When team members or multiple teams operate from a single location, all endpoints can be backed up onto a central server with Active Backup Suite and then copied to the cloud for added redundancy using Hyper Backup.

Hub-spoke model