

The digital age - for all the advantages that modernization brings with it there are also significant pit falls.

Data quantities are exploding... Companies are faced with the challenge of how to backup their data with the minimum financial outlay. The euroNAS Server Synchronization software offers an advanced tool, with which data can be transferred over long distances reliably and quickly, and if need be can be easily restored without flooding the network with too much traffic.

The challenge is to keep the cost of data backup as minimal as possible while increasing the simplicity and redundancy of the backups.

For a very long time, there was no alternative to tape backups. Tape backups are expensive and difficult to maintain and support – especially for smaller companies.

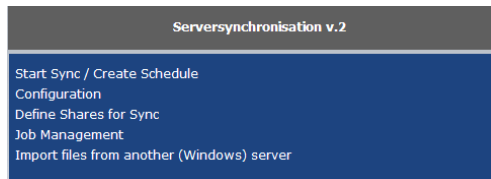
Data synchronisation between remote offices is also very difficult with this solution.

euroNAS server synchronization software provides advanced tools with which the data can be reliably backed up.

To meet the business requirements and keep interruptions in production flow as low as possible, the backups must be performed reliably and quickly.

euroNAS synchronization service is ideal for local backup of the data (eg on a USB drive), data replication to another euroNAS backup server, or data distribution between different sites.

Synchronization server uses its own algorithm to synchronize the data locally or over a network (replicate). During the data synchronisation, when copying large files, only changed bytes within this file are being transferred. These feature increases the performance significantly and saves the bandwidth for the production environment.



Near-Line-Backup

If the main server (source server) fails – users can access the data from the secondary server until the main server is back online.

This is a major step forward compared to traditional tape backups, which require much longer to restore. This minimizes downtime and increases productivity.

Data replication between remote offices

Distribution of the tape backups between different offices is a very time-consuming and expensive option. With euroNAS synchronization you can synchronize the data quickly and easily.

With the ability to determine the bandwidth for data transfer you can minimize the impact on the VPN bandwidth. Also you can schedule the data synchronisation in the evening where the network usage is minimal.

Data Consolidation or Data Distribution

euroNAS Server can be used for the consolidation of the companies data.

It can be used as a central storage point for backup, archiving and restoration of data. It also can be used as a source server for distributing data to the companies network.

Flexible time schedule

Server synchronisation can be easily scheduled. The flexible scheduling manager enables you to sync the data hourly, daily or just on certain days (for example every 3 hours or every tuesday).

Email Feedback

As soon as a data-replication job has been completed, the administrator can receive an email report about it, there by ensuring more transparency: euroNAS users know what is happening, when, where and how.

- ⇒ High performance
- ⇒ Easy Management
- ⇒ Bandwidth limitation
- ⇒ Flexible Scheduling
- ⇒ Byte level replication
- ⇒ Event logging
- ⇒ ACL Support
- ⇒ Perfect alternative to tape devices
- ⇒ Email Feedback
- ⇒ Free technical support
- ⇒ Free updates

HIGHLIGHTS

Time Scheduling

Server Synchronisation has integrated a flexible time scheduler. You can schedule jobs to run only at certain days or hours. For example every day at 8 pm, every 3 hours or just on sunday where there is less network traffic..

WAN Support (Bandwidth limitation)

If copying the data over the internet it is important to leave bandwidth for other applications as well. euroNAS Software gives you the possibility to limit the used bandwidth (in KByte/s).

ACL Support (File and Folder Permissions)

When data is synchronised all permissions are preserved (POSIX ACL).

Owner, Date and Time are preserved

When data is synchronised all file properties such as the owner, creation date and time are preserved (POSIX ACL).

Data Compression

Prior sending the data over the network data is being compressed. This saves the network bandwidth and increases the performance.

Advanced Logging

Separate transfer protocol is created for each synchronisation job.

Byte-level incremental replication

Synchronisation software uses an intelligent algorithm that copies only the changed bytes of the file not the whole file if

Email Feedback

As soon as a data-replication job has been completed, the administrator can receive an email report