

RDX® QuikStor™ - Backup Solution for NAS Storage Systems

Easy to use backup-solution for a
broad range of NAS offerings



RAID does not protect against data loss due to a disaster

As soon as NAS systems are populated with 2 disks and more, RAID (Redundant Array of Independent Disks) will be implemented. This technology ensures access to data even if one disk fails. A special recovery procedure recalculates the missing data out of the remaining disks.

Mostly, users feel confident that this is a sufficient method for protecting their data. But what, if the whole NAS system fails? What about, if a disaster happens? What about a virus or ransomware attack? The RAID technology does not protect against any of these incidents.

RDX® QuikStor™ - ruggedised, removable and simple

Tandberg Data's RDX QuikStor is a removable disk system which simply attaches to most NAS systems on the market via USB. It consists of a drive and a media. The drive should be constantly connected to the NAS system, and at least three pieces of media should be applied for alternating usage. The media has a rugged design, it's reliable, fast, easy-to-use, and tough enough to cope in busy and often challenging environments.

NAS systems are often used in offices which do not have dedicated IT staff. The simplicity of RDX QuikStor also enables the less experienced users to perform daily IT operations to protect their business critical data.

Challenges

- NAS users struggle to properly secure and manage digital information
- RAID technology is not sufficient
- Lack of IT skills makes daily data management tasks difficult
- Backup of business critical data is not performed regularly
- Unprofessional solutions jeopardise data integrity and data availability

Needs

- Reliable data protection solution that does not require special handling
- Seamless and easy integration into NAS system
- Easy usage and operation
- Affordable solution without the need for extra software
- Data safeguarded against unauthorised usage
- Ability to rotate media with off-site storage for full data protection

Solution Benefits

- Easy to install and easy to use
- Integrates in a broad range of NAS systems
- Integrates into build in backup applications
- Media rotation and off-site protection
- Rugged design, no special care required
- Affordable

Customer Benefits

- Full data protection providing peace of mind
- Low purchase cost and TCO optimises budget
- No extra backup software required, utilization of build in applications
- Ease of use reduces operational costs



Why backup is important

Data is important for any user. No matter if this data is purely private or if it is business related. Data loss could mean the loss of information which never can be recovered from anywhere. Data loss could happen any time and may have many reasons.

So an automated backup solution should be implemented in any environment. Backups need to be automated, done regularly and after important data has been created.

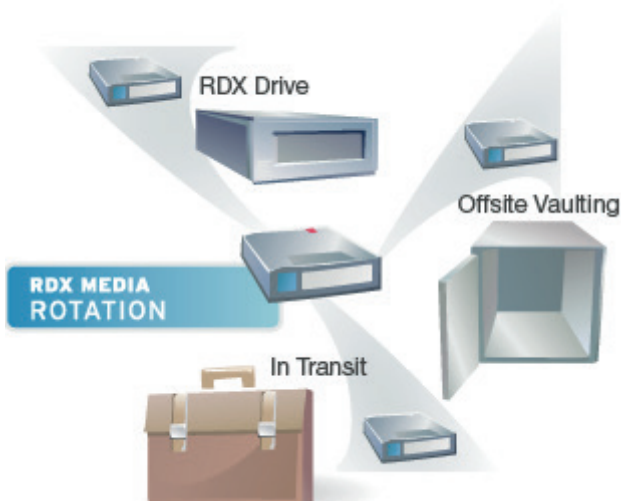
Built in backup routines

Most NAS systems in the market provide build in applications for data backup. They are either pre-installed or available for download at online stores or market places. In addition, they offer USB ports to connect external devices. The backup routines are usually able to perform a backup to an external device.

This is exactly the scenario, where RDX QuikStor comes into play. RDX easily integrates as an external device with the benefit of a removable media. Very often, the backup routines are able to eject the RDX media after a backup job is finished. If not available, an integrated eject button of the RDX drive will do the job.

Media rotation for full disaster protection

The removability of the RDX media allows to implement data protection best practices by rotating cartridges to provide multiple layers of protection. One media would reside in the drive ready for the backup, one media is located offsite at an external location and the third one is on its way either to or from the office. A media rotation scheme with at least three media allows you to meet most disaster protection and compliance requirements.



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