

# Using RDX® QuikStor™ for SnapServer™ NAS Backup

SOLUTION BRIEF

Easy to use backup-solution for SnapServer systems to meet compliance requirements with off-site data protection.



SnapServer NAS Systems provide an OS-built in utility to enable scheduled backups on direct attached RDX QuikStor device to secure business critical data. With this integration, users can implement a full disaster recovery solution with media rotation.

## RAID does not protect against data loss

SnapServer NAS storage systems offer data resiliency via RAID technology. In addition, data should be backed up to an external device to protect against hardware failures or human errors. An easy to use built in utility allows scheduled backups to USB attached RDX QuikStor devices.

Most users feel confident that RAID is sufficient to protect their data. But what, if another disk fails or the entire NAS system brakes down? What happens if disaster strikes? What about a virus or ransomware attack? What about if somebody simply deletes the data by accident? The RAID technology does not protect against any of these incidents.

## RDX® QuikStor™ - ruggedised, removable and simple

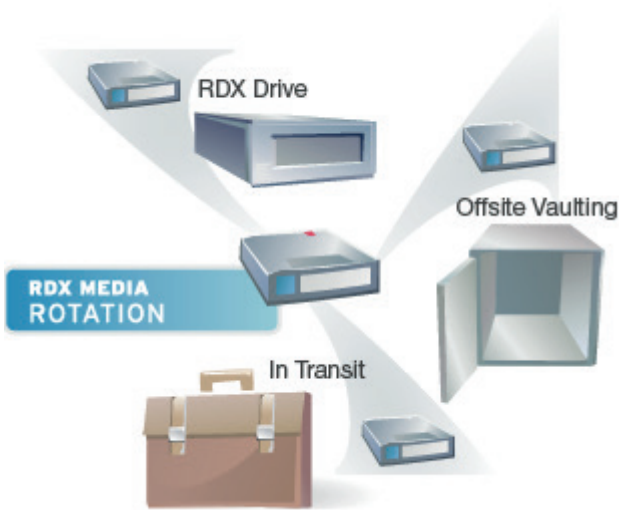
Overland-Tandberg's RDX QuikStor is a removable disk system which simply attaches to SnapServer NAS systems via USB. It consists of a drive and a media. For full disaster protection, at least three media cartridges are needed for the three different states in media rotation. The media has a rugged design, it's reliable, fast, easy-to-use, and tough enough to cope in harsh environments.

### Challenges

- RAID technology does not protect against inadvertent deletions and system failures
- Lack of IT resources makes daily data management tasks difficult
- Backup of business critical data is not performed regularly
- Amateurish solutions due to budget constraints jeopardise data integrity and data availability
- Virus and ransomware attacks affect local backups as well

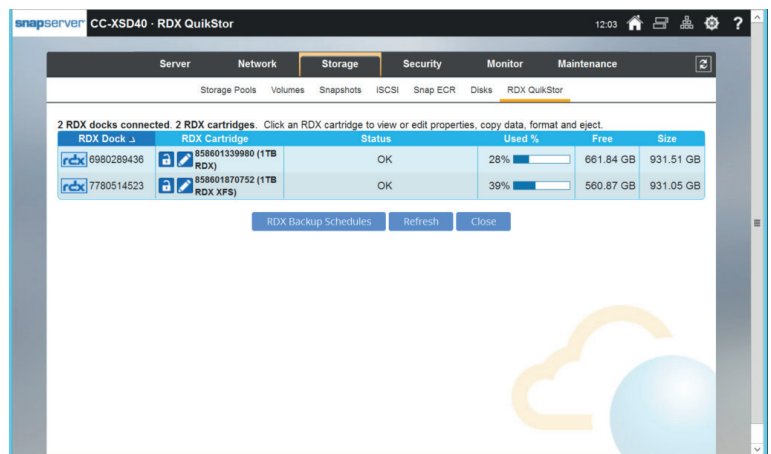
### Solution Benefits

- Easy to install and easy to use reduces operational costs
- No extra backup software required: Fully integrated backup application
- Automatic scheduling of backups from the SnapServer to multiple RDX QuikStor drives using the SnapServer GUI
- Media rotation and off-site vaulting meets off-site compliance requirements
- Rugged design of RDX media, no special care required
- Low purchase cost and TCO optimises budget



## Media rotation for full disaster protection

The removability of the RDX media allows implementing 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 cartridges allows you to meet most disaster protection and compliance requirements.



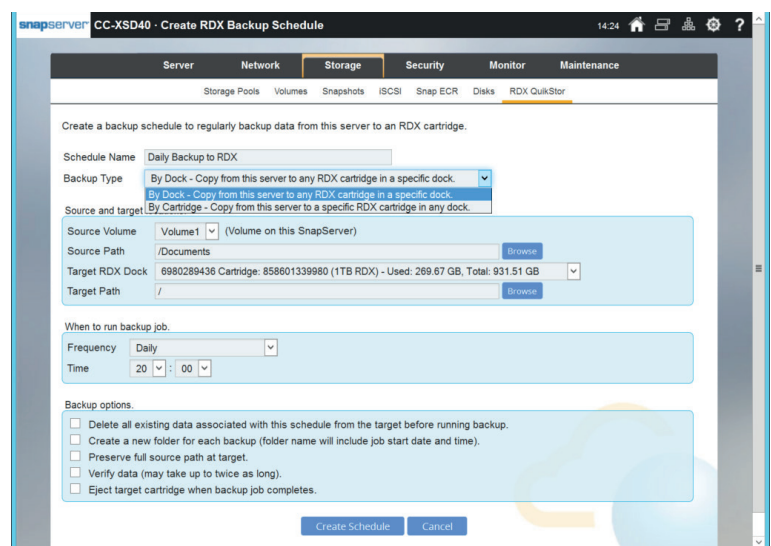
## Easy and fast deployment

RDX QuikStor drives are automatically detected as soon as they are connected to the SnapServer via USB 3.0. If requested, multiple RDX drives can be connected to provide dedicated targets for separate backup jobs such as for individual projects, departments, etc.

The powerful scheduler allows daily, weekly and monthly backups. We highly recommend performing daily backups to multiple RDX media.

The backup job should be scheduled during after-office hours. If you need to keep multiple recovery points, choose “Create a new folder for each backup”. In this case, you could restore your data from a previous backup in case of a virus or ransomware attack.

Choose “Eject target cartridge when backup completes” to get a visual confirmation of the backup and a reminder to rotate your media. The RDX media should be rotated every morning after entering the office.



Sales and support for Overland/Tandberg products and solutions are available in over 90 countries. Contact us today at [sales@overlandstorage.com](mailto:sales@overlandstorage.com) or [sales@tandbergdata.com](mailto:sales@tandbergdata.com)