

RDX® QuikStor® Data Management for the Pharmaceutical Industry

Easy to use backup-archiving solution
for pharmacists, drug stores and
pharmaceutical industry



In the pharmaceutical environment, sensitive patient data must be secured against data loss and unauthorized access. In addition, business critical data of enterprise resource planning systems, accounting systems and ordering systems must be backed up to ensure business continuity, as data loss could result in a closure of the business.

Another aspect is document-archiving. Prescriptions, recipe documentation and accounting-related documents must be stored in a way that they are always available, auditable and secured against deletion and modification.

RDX QuikStor - Easy to use and to integrate

All these different data management tasks need to be done beside the daily stressful workload. As pharmacies and drug stores do not have dedicated IT staff, the IT equipment must be easy to use, reliable and integratable into pharmaceutical applications to enable less experienced users to perform daily IT operations.

RDX QuikStor easily integrates transparently into various applications like ERP systems or backup and archiving and document management software. With the choice of USB 3.0, SATA III and iSCSI interfaces, RDX provides easy hardware integration and fast data access.

Compliance -Requirements

Pharmaceutical businesses have to meet regulatory requirements on archiving and data security. In addition, personal data of customers, suppliers and employees must be handled and secured with care to ensure privacy.

The RDX technology offers various features to ensure all these requirements are met. In case of long term archiving, **RDX WORM*** (Write Once Read Many) refers to a technology that prevents data from being deleted, changed or overwritten, which is important for business and financial auditing to meet compliance requirements.

For data security, **RDX PowerEncrypt**** data encryption can be added to all RDX media for encrypting data written to RDX media with AES-256 XTS standards. Data access is restricted to only those having a password key deployed with the RDX Manager software. Without the key, the data that resides on the RDX media cannot be accessed. RDX PowerEncrypt ensures that data is secured against unauthorized data access to fulfil privacy regulations.

Challenges

- Pharmacists struggle to properly secure and archive digital information
- Lack of IT skills makes daily data management tasks difficult
- Pharmaceutical work environments are often not suitable for typical IT products
- Data and System protection for Business Continuity
- No backup automation
- Regulatory and compliance requirements for pharmaceutical data

Benefits

- Data protection against data loss as well as virus and ransomware-attacks
- Meets regulatory and GDPR requirements
- Easy to install and easy to use
- Reliable and affordable
- Rugged design, no special care
- One storage technology for Data Protection and Archive
- Long term data retention



Customer benefits

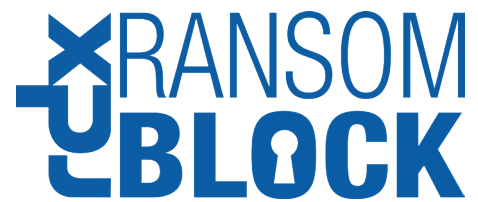
- Business continuity and security
- Seamless integration into existing environments, no change in workflow
- Affordable and low TCO – fits almost any budget
- Meet compliance and GDPR requirements for electronically stored data
- High transfer rates and instant data access
- Flexible scalability with various media capacities, unlimited off-site capacity
- No compatibility issues and future proof due to full forward and backward compatibility

Protection against virus and ransomware-attacks

Ransomware has emerged as the most dangerous cyber threat for all organisations. Ransomware is a type of malicious software that blocks access to the victim’s data until a ransom is paid. After a ransomware attack, system might be locked, or the files encrypted, deleted or inaccessible.

An effective protection against virus and ransomware attacks is to store data off-site and keep it outside the network, which can be done with RDX. However, during backups, or if backups of business critical data are performed continuously or frequently during the day, there might be no opportunity to place the backup media off-site or off-line. Another reason might be lack off personnel, so companies are unable to take care of these tasks. In these cases, your data is at risk of cyber attacks while the RDX media is in use.

RDX RansomBlock* protects data stored on RDX and allows only authorized applications, like backup software, to perform modifications to the data, while defending data access from cyber-attacks. It secures backups

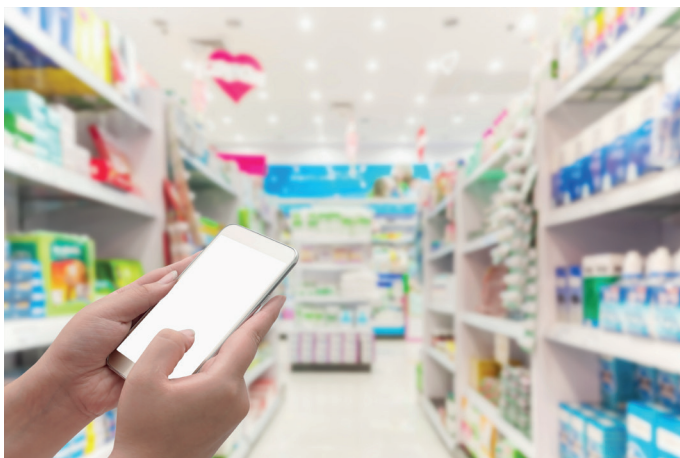


against virus and ransomware attacks automatically and doesn’t need any security software updates to ensure full data recovery in case of infected data or blocked computer systems.

RDX QuikStor simplifies and secures data management tasks

Overland-Tandberg RDX QuikStor is an affordable system with a low total cost of ownership. It simplifies backup, archiving and data transportation tasks for pharmaceutical solutions. With its rugged design, it is reliable, fast, easy-to-use, and tough enough to cope in busy and often challenging pharmacy environments. With media-capacities from 500GB to 5TB, it fits all sizes of businesses. Software features provide data security and meet compliance requirements.

Larger environments might need more storage than a single RDX data cartridge provides and require flexible storage devices. The RDX QuikStation is an iSCSI network-attached removable disk appliance for physical or virtual environments and offers two models with either four or eight integrated RDX drives to fit their capacity requirements. By spanning multiple RDX drives in the QuikStation together, the capacity limitation of one single RDX media volume can be extended, but still maintain all RDX benefits of removability and protection of pharmaceutical data. Another use case of the QuikStation is consolidating backup and archive-applications, which provides full utilisation of the QuikStation and simplifies data management.



RDX roduct family offer ideal solutions for backup, archiving and data exchange for pharmacies and drug stores

* optional features, separate software license required

** available for internal drives with SATA III interface: FIPS 140-2 validation is in progress

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries. Contact us today at sales@overlandstorage.com or sales@tandbergdata.com

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