RDX Removable Disk Systems for Data Protection at large Bakeries

In the era of digitalization and cyber attacks, data security and data protection is getting more and more essential for industrial food production plants like large bakeries. Business critical data like supplier information, inventory control and planning as well as invoices must be protected, as suffering a loss of this data might cause a hold of production and significant financial deficits.

In addition machine data and process data needs to be secured to ensure process monitoring and quality auditing.

Regular backups and off-site storage

Regular backup of business-critical data is the most important data management against data loss. But this is not enough. Backups need to be stored off-site to ensure full disaster protection. In addition, off-site vaulting protects against virus and ransomware attacks.

All these backup tasks need to be done beside the daily stressful workload. As bakeries do not have dedicated IT staff, the IT equipment must be easy to use, reliable and integratable into their IT-environment to enable less experienced users to perform daily IT operations.

The RDX technology -
Easy to use, easy to integrate

RDX is a rugged, reliable and removable storage system. It combines the benefits of tape's removability and long archival life as well as the benefits of disk's fast data access and high throughput. The media has a rugged design, it is reliable, fast, easy to use, and tough enough to cope in busy and harsh environments. This ensures data integrity. QuikStor system and media are fully backward and forward compatible, which reduces operational costs. RDX offers many advantages over tape such as; easier handling, no cleaning, higher media usage, no compatibility issues and lower cost.

RDX technology is available as single systems with USB 3.0 or SATA III connectivity, or as removable disk appliances, that connect via iSCSI with four or eight RDX drives. This ensures fast deployment and easy integration into existing infrastructures and applications.

Challenges

- Business critical data must be secured and backed up regularly
- Production and machine data must be accessible for auditing purposes
- Bakeries struggle to properly secure and archive digital information
- Lack of IT skills makes daily data management tasks difficult
- Bakery work environments are often not suitable for typical IT products

Solution Benefits

- Worry free backup and recovery
- Easy to use and easy to integrate
- No administration effort
- Robust and reliable media, ideal for bakery environments
- No special care required
- Affordable and low TCO
- Offers protection against virus and ransomware-attacks
- Transparent integration into bakery applications

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 equirements for electronically stored data
- Ease of use
- High transfer rates and fast data access of large files
- Flexible scalability with various media capacities plus unlimited off-site capacity
- No compatibility issues and future proof due to full forward and backward compatibility

Air Gap protection agains ransomware

When storage devices are no longer connected to the network, the backup data is safe and cannot be threatened by malware attacks. Therefore, businesses should utilise removable storage media. RDX removable disk systems can detach the storage media from the network to ensure data accessibility after a local disaster or a ransomware attack. This can be done either by setting the storage device off-line or removing the storage media and transporting it to a safe location outside the campus (off-site). Eject operations can be configured or scripted with most backup software.

Secure archiving to provide for business audits

In the food industry, process and manufacturing data must be always available for audits. Delivery notes, cleaning records, disinfection proofs and formulations must be submitted to the controlling authorities. The RDX HDD media technology is ideal for long-term data archiving for more than 10 years which exceeds most retention requirements.

RDX simplifies 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 large bakery solutions. With media-capacities from 500GB to 8TB, it fits all sizes. Software features provide data security and meet compliance requirements.

The RDX family consists of RDX QuikStor drives, RDX QuikStation appliances and a selection of RDX media from 500GB to 8TB capacity points.

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

UC_v3_aug17_2022

OverlandTandberg.com