TANDBERG DATA

RDX® WORM

*Archiving for regulatory compliance
with rugged RDX media*

RDX WORM media meets an expanded set of regulatory compliance requirements and is ideal for use with a large number of archiving applications, like enterprise content management and document management systems, where data must not be deleted or overwritten.

Not Just for Business Data

Professional IT departments have trusted in RDX technology as a reliable and affordable backup and disaster recovery solution for years. With RDX WORM, this technology can also be used as storage for regulatory compliance. In addition, semi-professional users can store and archive their photos and movies in an undeletable way as well as secure them against virus attacks with RDX WORM media.

Easy to Use

Integrating RDX WORM media is as easy as using conventional RDX technology. The Windows®-based software rdxLOCK enables the WORM functionality and manages read-/write-access. So, RDX WORM is tranparent for archiving applications and document management solutions. Even files that are copied to the media via drag and drop are secured immediately by the WORM functionality.

WORM

WORM (Write Once Read Many) refers to a technology that prevents data from being deleted, changed or overwritten. Files can be added and accessed as usual. WORM media is integrated in digital archiving applications and is primarily used to meet regulatory compliance requirements, where data must not be deleted, overwritten or changed.

RDX

The RDX® QuikStor™ technology combines the advantages of tape (portability, long archival life) with the advantages of disk-technology (high performance, fast data access, data reliability). The RDX media is a rugged, drop-resistant and electrostatic-proof removable disk system which secures data for backup archiving, transport, data interchange and off-site storage.

Key Benefits

Meets Regulatory Compliance Requirements
Data cannot be changed or deleted. Because of backward and forward compatibility, data can be accessed for years without changing hardware.

Field of applications
• Enterprise Content Management Systeme (ECM)
• Document Management Systems (DMS)
• Finance Data
• Data Logging
• Patient Files like PACS
• Video and Voice Recording
• Documentation

Rugged, secure media
Drop resistant, electrostatic-proof, protected against dust

No change in workflow
Data is automatically stored in an unchangable and undeletable (e.g. virus) manner. Data cannot be overwritten, but can be accessed and read without limitation.

No additional software
Compared with tape storage WORM media and optical drives like CD, DVD or BluRay, RDX WORM requires no additional software to write data to the media.

Full tranparency to applications
The RDX WORM functionality is fully transparent for applications like archiving, document management systems or medical environments (e.g. PACS).

High transfer rates and fast data access
RDX enables archiving of large files and many small files. Because of random access, fast retrieval of data and documents is possible.

High capacity
RDX WORM offers capacities up to 1TB per media. This drastically reduces the number of media to be managed compared to optical media like CD, DVD and BluRay.

RDX WORM Field of Applications

RDX WORM can be deployed a variety of applications as a media which meets regulatory compliance requirements. Enterprise Content Management and Document Management Systems contain a lot of documents which have to be archived in an unchangable manner for a certain period of time. In the medical arena, patient files, x-rays, billing information, surgery documentation and hospital records must be archived and safeguarded to comply with standard laws and practices. Also documentation, technical plans and audits have to be stored in a secure manner, as they could be used for investigation in a case of an incident.

RDX WORM is also important for voice and video recording as this data could be provided as a proof in a court case. This also applies for data logging applications. In addition, small and medium-sized businesses can use RDX WORM to archive their tax-relevant data and accounting data for a certain amount of years for auditing purposes.

RDX drives can be directly installed into application-servers to integrate RDX on the hardware side. The external drive is attached via USB and offers a fast and easy deployment with laptops and desktops.

Our RDX® QuikStation™ is a removable disk system with 8 RDX drives. This system is connected via iSCSI and is well suited for workgroups with several computer systems.

Specifications

Media

Capacity	320GB, 500GB, 1TB

Reliability & Data Integrity

Unrecoverable Error Rate	1 error in $10^{(14)}$ bits read
Cartridge Drop Shock (Non-operating)	1m (39.4in.) drop to tile over concrete floor
Load-/ Unload (Minimum)	5,000 insertion / removal cycles (media), 10,000 insertion / removal cycles (drive)

Archival Environmental

Cartridge Archive Storage Life	> 10 years (HDD) offline storage in archival environment
Archival Storage Environment	5° to 26°C (41° to 78°F), 5% to 95% relative humidity
Maximum Wet Bulb	25°C (77°F) (non-condensing)

WORM Functionality

Software	rdxLOCK

System Requirements

Operating Systems Server	Windows Server 2003 SP2 Standard & Enterprise Edition (32bit, 64bit), 2003 R2 SP2 St. & Ent. Ed. (32bit, 64bit)
	Windows Server 2008 SP2 Standard & Enterprise Edition (32bit, 64bit), 2008 R2 SP2 St. & Ent. Ed. (32bit, 64bit)
Operating Systems Desktop	Windows XP SP2 (32bit), Windows Vista SP2 (32bit), Windows 7 (32bit, 64bit)
Hardware	RDX QuikStor internal SATA, USB 2.0 and USB 3.0, RDX QuikStor external USB 2.0 and USB 3.0
	RDX QuikStation, iSCSI (in RDX-Drive mode)

About Tandberg Data

Tandberg Data is a leading global supplier of data protection solutions for small and medium-sized businesses. The company's wide range of cost-effective storage products and services provides customers with best-in-class tape, disk, removable disk and software solutions for backup, archiving and disaster recovery. These solutions are marketed through a global channel of qualified resellers, distributors and major server OEMs. An extensive service and support network supports all Tandberg Data products worldwide.

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Tandberg Data GmbH
Feldstrasse 81
44141 Dortmund
Germany

Tel: **00 800 8263 2374** (00 800 TANDBERG)
Fax: +49 (0) 231 5436 - 111
salesemea@tandbergdata.com
www.tandbergdata.com/emea

Tandberg Data Corporation
10225 Westmoor Dr., Ste. 125
Westminster, CO 80021
USA

Tel: **(800) 392-2983** Toll Free
Fax: 303.417.7170
sales@tandbergdata.com
www.tandbergdata.com/us

Tandberg Data (Asia) Pte Ltd
Trivex Building,
8 Burn Road, #09-02/03
Singapore 369977

Tel: **+65 6593 4700**
Fax: +65 6281 7358
salesapac@tandbergdata.com
www.tandbergdata.com/apac

Tandberg Data (Japan) Inc.
Dai 6 Ito Building 5F,
4-4-7 Ebisu, Shibuya-ku,
Tokyo, 150-0013

Tel: **+81 3 5475 2140**
Fax: +81 3 5475 2144
TDJ_sales@tandbergdata.com
www.tandbergdata.com/jp

www.tandbergdata.com