OVERLAND TANDBERG

rdx® WORM

Archiving for regulatory and compliance

Key Benefits

- **Meets regulatory and compliance requirements**
  - Compliance assesed by KPMG
- **Field of applications**
  - Enterprise Content Management Systems (ECM)
  - Document Management Systems (DMS)
  - Finance data
  - Data logging
  - Patient files like PACS
  - Video and voice recording
  - Documentation
- **Rugged, secure media**
- **Easy to use, no change in workflow**
- **Transparent application integration**
- **WORM media capacity – up to 4TB**

RDX WORM media meets an expanded set of regulatory and compliance requirements. It 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.

RDX for regulatory data compliance

In sectors like financial services, healthcare, government and in the industry, there are strict regulations related to retention of data records in unalterable formats. WORM (Write Once Read Many) storage technology is an industry accepted best practice for storing archived data for compliance. RDX WORM media can be used to store sensitive data, like tax filings, video, x-rays, sensor data, software source code and prevents that data from being deleted, changed or overwritten.

Easy to integrate and manage

RDX WORM is a feature of Overland-Tandberg's rdxLOCK software and is transparent for archiving applications, content and document management systems and seamlessly integrates into existing workflows. Easy to use, files can also be copied to the media via drag-and-drop and are secured immediately by the WORM functionality. Durable design protects media against drops, vibrations and electrostatic discharges – making RDX WORM media a more reliable choice for compliant storage than standard optical media.

Regulatory certification

rdxLOCK software product compliance has been assesed by KPMG AG Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, to numerous regulations. Please see the specifications on page 2 of this document.

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). RDX media are rugged, drop-resistant and electrostatic-proof removable disk systems which secures data for backup archiving, transport, data interchange and off-site storage.

RDX WORM works for multiple application use cases

RDX WORM can be deployed in a variety of applications to address regulatory requirements for retention of digital records in a verifiable unaltered state.

- **SMB:** Archiving of tax-relevant data and accounting data for a certain amount of years for auditing purposes.

- **Healthcare:** Patient files, x-rays, billing information, surgery documentation and hospital records must be archived and safeguarded to comply with standard laws and practices.

- **Financial Services:** Sarbanes-Oxley (SOX) protects investors from corporate fraud. Records such as emails, contracts, stock trades and tax filings all must be archived for specified periods of time for regulatory audits and in the event of lawsuits.

- **Industry:** Documentation, technical plans and audits have to be stored in a secure manner, as they are needed for legal investigations or compliance audits.

RDX® QuikStor® and RDX® QuikStation®

The RDX WORM media works with the full line of RDX appliances. The RDX QuikStor single drive unit easily connects to workstations, laptops and servers via USB. The RDX QuikStation, available in 4 or 8 drive units, connects via iSCSI into existing networks and is well suited for virtual environments or workgroups with several computer systems. RDX drives can also be directly installed into application servers to integrate RDX for use in hybrid cloud infrastructures.

RDX TENCASE

RDX TENCASE is the ideal solution for transportation and long-term safe-keeping of up to 10 RDX media cartridges. RDX TENCASE is a rugged case which withstands drops, dust and harsh environments. It is water-resistant and can be secured with padlocks for theft-protection of critical data.

RDX TENCASE

Specifications

Media Models	8868-RDX: 1TB WORM Cartridge	8869-RDX: 2TB WORM Cartridge	8870-RDX: 4TB WORM Cartridge
Software Only Models	8868-SW: 1TB WORM License	8869-SW: 2TB WORM License	8870-SW: 4TB WORM License
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			
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)		
Regulation Certification	SEC 17a/4F, CFTC 1.31 (b) - (c), IDW PS 800, GeBüV, GoB, GAAP, IDW RS FAIT, GoBD (For further details see certification notice or contact our sales team)		
Software	rdxLOCK		
System Requirements			
Operating Systems Server	Windows Server 2008 SP2 Standard & Enterprise Edition, 32-bit, 64-bit; MS Windows Server 2008 R2 SP2 Standard & Enterprise Edition, 64-bit; MS Windows Server 2012 Standard & Enterprise Edition, 32-bit, 64-bit; MS Windows Server 2012 R2 Standard & Enterprise Edition, 64-bit; MS Windows Server 2016, MS Windows Server 2019		
Operating Systems Desktop	MS Windows 7, 32-bit, 64-bit; MS Windows 8, 32-bit, 64-bit; MS Windows 8.1, 32-bit, 64-bit; MS Windows 10 (Itanium based systems are not supported)		
Hardware	RDX QuikStor internal SATA, SATA III, USB 2.0 and USB 3.0, RDX QuikStor external USB 2.0 and USB 3.0 RDX QuikStation, iSCSI (RDX single drive mode, logical volume mode and disk autoloader mode only)		