

StorEasy® WORM Appliance Desktop

Highest Reliability and Security for your Data

The StorEasy® WORM Appliance Desktop (WAD) is a „dedicated Archive Station“ for intuitive integration in all situations and environments. The archive data is stored permanently for online access in the disk cache and automatically swapped out to highly durable Blu-ray media. The system is ideally suited for long-term archiving of millions of files and allows long term backup of sensible data in addition.

The StorEasy® WORM Appliance Desktop is a device that has an integrated head unit that controls data-provision, -flow, -treatment, media production and administration.

The StorEasy® WORM Appliance Desktop is providing a once-writable WORM (write once read many) file system. This allows a simple integration and access to all applications and environments that can work with write-once file systems. This ensures that data which is once stored in the file system over the network cannot be changed or corrupted.

The archive data is automatically written in the background to the Blu-ray WORM (write once read many) medium. The archiving process can be configured for automatic archiving using a time or volume control setting. After writing the content is protected twice as the data is remaining for direct read access at the internal data buffer (cache). Messages to the administrator, for example that a new medium must be inserted are sent automatically. If an optional second drive is installed media copies for offline archiving can be made in parallel. The internal data buffer is mirrored on a second hard disk (different manufacturers) providing a maximum of data security against data loss. If there should be a disk failure, the system will fix the error using its self-monitoring-functions (High Secure Protect). This function will



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Main features of StorEasy® WORM Appliance Desktop

Time or volume based archiving on optical trueWORM media (Blu-ray)

NAS Unit BD-XL with embedded controller head unit (Appliance)

Supports NFS / CIFS

HDD-WORM file system

Read cache for archived data

Capacity: 1000GB hard disc cache up

Media copy in second drive (optional)

High-Secure Protect mechanism (immediate archiving in case of system malfunction)

Hot swappable hard discs

Supports DVD/BD/BD-XL media

Open, modular solution based on worldwide standards (ISO, UDF)

Easy integration in existing hard- and software environments

Intuitive WEB user interface – no user training necessary

Open NAS file system for system data backup and recovery

Compliant archiving with trueWORM (write once read many) optical media

Self-monitoring and -healing

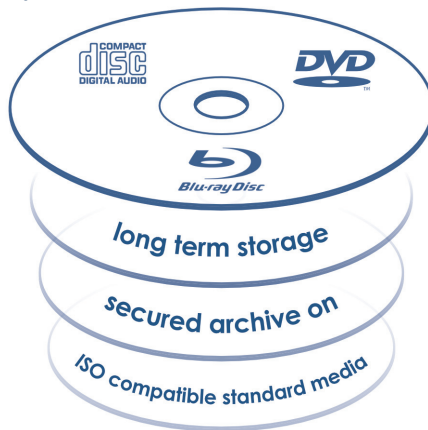
Data consistency check by check sum generation and after system rebuild



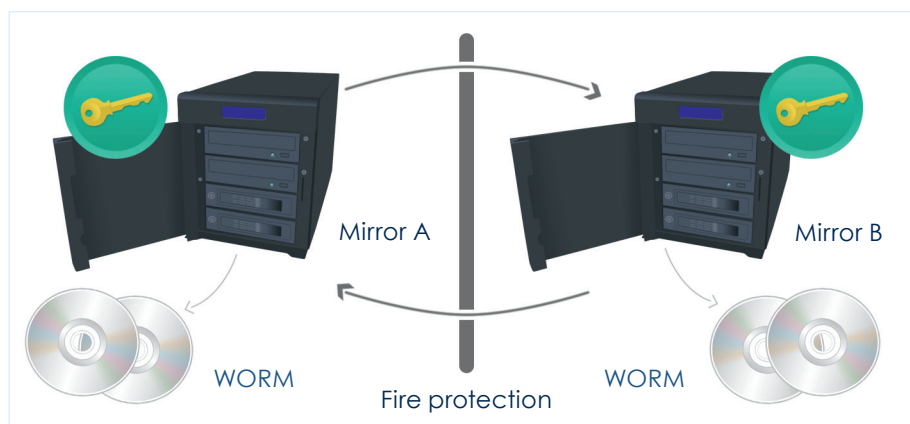
write not yet transferred archive data on the Blu-ray media and will switch the system into read-only mode. In parallel the administrator would be notified. After replacement of the defective hard disk, the system will synchronize and return to normal mode. In case of a computer failure troubleshooting is easy too. The entire head unit would be exchanged and the two hard drives and the archive medium are put into the new system. The new head unit will check consistency of the archive and restart its normal operation. For administration a graphical web interface makes the system easy to use. This service is available in most European countries and the US.

Starting with capacity of 1000GB the StorEasy® WORM Appliance Desktop is the most cost efficient and reliable entry level system in a wide range of INCOM long term storage solutions that can be scaled up to Petabytes of storage capacity. Its ease of use and administration has convinced many users to rely on optical true WORM media for archiving while accessing their data with high performance using the WORM cache storage. In addition the media copy function allows to keep an additional backup media in a safe place.

For all systems various service options are available, such as rapid exchange, remote maintenance, on-site service, etc. up to 10 years.



Example: Encrypted replication



Admin options

Automated, configurable email messages and status reports

Preinstalled management and monitoring software

System WEB-GUI

Log- & system information in log files

Log level adjustable

Remote administration possible

Options:

Mirroring / Distributed Data with Failover

Technical Data

HDDs (devices of two different manufacturers):

2x 1000 GB 3.5" hotswap up to
2x 8000 GB 3.5" hotswap

Dimensions:

12,5 x 21,5 x 33 cm (HxWxD)

Weight: 6,6 Kg

Network:

1x 1000/100/10Base-T
(second LAN port optional)

Network protocol: NFS / CIFS

Service

- NBD exchange service
- Rapid Exchange service
- Remote maintenance

Product No.	No. of Drives	WORM Capacity
WAD001000	2 x 1 TB	~ 1 TB
WAD002000	2 x 2 TB	~ 2 TB
WAD003000	2 x 3 TB	~ 3 TB
WAD004000	2 x 4 TB	~ 4 TB
WAD006000	2 x 6 TB	~ 6 TB
WAD008000	2 x 8 TB	~ 8 TB
WAD010000	2 x 10 TB	~ 10 TB

