

StorEasy® WORM Appliance Enterprise

The trueWORM StorEasy® WORM Appliance Enterprise (WAE) is a scalabel archive solution for long term data management. The system can be integrated easily in any application and network environments as a NAS (network attached storage) system. It can be configured and controlled by a WEB-GUI from any client system in the network.

The StorEasy® WORM Appliance Enterprise is a compact archive station with an integrated controller unit for data control, preparation, recording and administration.

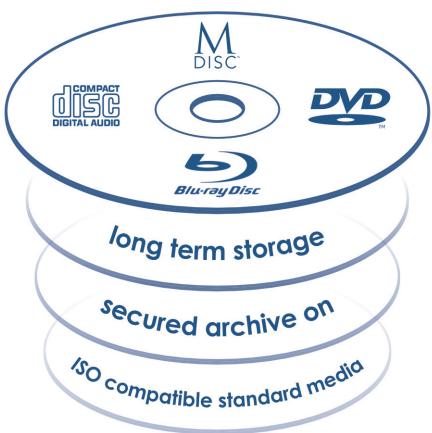


The system presents a WORM share in the local network and can be integrated in Windows ADS environments. It can be used by any application, which is able to handle WORM file systems. The only requirement is to avoid changes (recopy, delete, overwrite) files, which once had been placed in the WORM file system.

StorEasy® WORM Appliance Enterprise (Head unit)

All files which needs to be archived, are placed on (copied to) the archive share. All data are kept on the share for further fast access. In parallel all data are written to optical WORM media in the background. Scheduling can be done through the admin GUI on a time or volume based strategy.

All data exist in two copies: one copy on fast direct access cache and another copy on optical media. Full optical media should be moved to another fire protected area.



Automated messages are sent to the administrator i.e. for media exchange or other notable events.

Optional encryption for cache and optical media is available. Encrypted media cannot be read without the connected key and are secured against unauthorised access. Additionally hard discs are locked and the complete system can be closed by a lockable front door.

The system keeps media check sums internally to make sure, an offline medium is in the original status and has not been changed in any way.



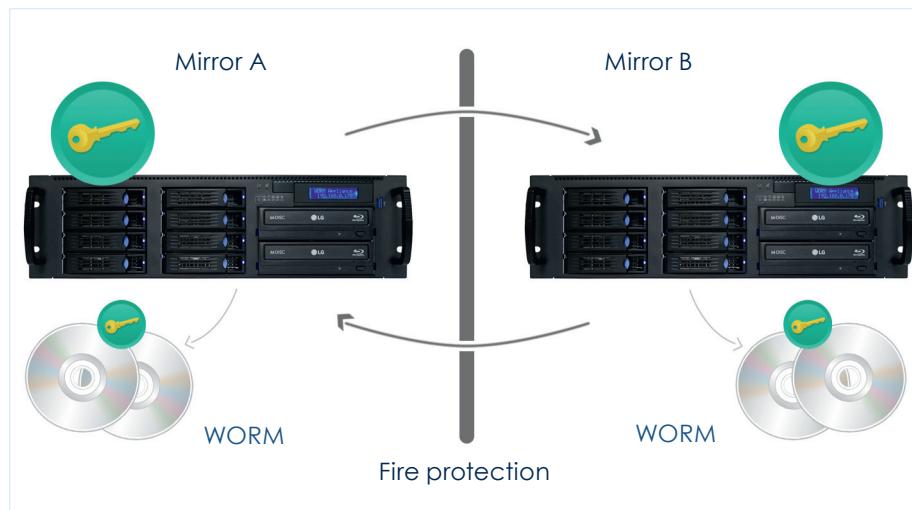
Internal data buffers (cache) are organized as raid for data protection reasons. All data for archiving are at least distributed over 2 physical locations in the system all the time. If a hard disc should fail, simple replacement and internal reorganisation recovers the system automatically. All data will be transferred to optical media in the background and scheduled depending on applications / users needs.

As simple as replacing a broken hard disc, it is to substitute a broken controller. As soon as the replacement system has been delivered, you just remove the system hard disc from the old system and place them into the new one. The new system will boot into normal operation. Administrators can use the WEB GUI for configuration, maintenance and controlling.

Starting with a capacity of four (4) Terabyte it can be expanded to 30 Terabyte within the head unit. More capacity is available by expansion units with 10 TB-50 TB, 70 TB and 110 TB. The system can hold millions of files for secure, durable archiving on optical WORM media and keep them ready for fast reading access out of the hard disc cache.

The WAE (StorEasy® WORM Appliance Enterprise) is the perfect solution for data archiving needs in the range from 1 to 10 GB data per day. High volume solutions (nearline / offline organized) are available and can expand the total archiving volume into petabyte regions.

Example: Encrypted replication



System Features

Capacity (Head unit):

4 TB to 30 TB netto, expandable

Drives:

2 to 8 hard discs (hot swappable)
2 BDXL trueWORM drives

Models (Head unit):

WAE004000: 4 TB
 WAE006000: 6 TB
 WAE008000: 8 TB
 WAE010000: 10 TB
 WAE012000: 12 TB
 WAE018000: 18 TB
 WAE024000: 24 TB
 WAE030000: 30 TB

Models (Expansion units):

WA EXP Unit-10: 10 TB
 WA EXP Unit-20: 20 TB
 WA EXP Unit-30: 30 TB
 WA EXP Unit-40: 40 TB
 WA EXP Unit-50: 50 TB
 WA EXP Unit-70: 70 TB
 WA EXP Unit-110: 110 TB

Setup / Configuration:

Graphical based user interface for system administration. Integrated display for information and control.

Network: 2x 1Gb integrated dual network adapter (10GB optional). Automatic (DHCP) or fix IP address assignment.

Network Protocols: NFS / CIFS / S3

Options:

Nearline Storage: WA NS-4TB / NS-12TB / NS-44TB / NS-71TB / NS-1PB

Offline Storage:

WA Offline Generator Unlimited

RAID:

Service Options: NBD Exchange Service / Rapid Exchange service / Remote maintenance / NBD onsite / 24x7 on site

