INCOM. store.more.secure.

NETZON® HMS Archive storage series

Energy-efficient   **Compatible**   **Easy to integrate**   **Durable**

High Volume Optical Archive Library

The HSM series from HIT / NETZON are highly reliable nearline mass storage systems that use Blu-ray media with 50, 100 or 128 GB as data carriers and are optimized in magazines of 35 media each for long-term and energy-efficient data storage (Green IT). The smaller HIT archive storage series includes systems with 70 media (**HMS 2070**), 105 media (**HMS 2105**), 350 media (**HMS 3350**) and 560 media (**HMS 3560**).

The latest model in the HMS series "5175"
The new HMS 5175 model with **1750 media** has unique new features that make the system particularly suitable for long-term data storage for the use of **big data** analysis, but also serves as secure data storage for archiving sensitive and business-critical data. The HMS 5175 media library can be equipped with a maximum of 12 drives and is therefore capable of transferring up to 280 MB / sec to optical media. The built-in NAS server offers hard disk cache, which is intelligently managed by the library software and is also designed to be fail-safe thanks to redundant power supply units.

Libraries for long-term archiving

HIT HSM libraries are specially designed for the long-term archiving of critical digital data. The optical data carriers can be used for both nearline and offline access.

> 7 TB to 175 TB storage capacity (100 GB BDs)

> Magazines with 35 Blu-ray media each

> Reliable and durable trueWORM data carriers (50 years)

> Lowest energy consumption

> No heat dissipation

> Almost no migration costs.

Available HIT HMS archive storage

> HIT HMS 2070 NAS (7 TB)

> HIT HMS 2105 NAS (13,4 TB)

> HIT HMS 3350 NAS (44,8 TB)

> HIT HMS 3560 NAS (71,6 TB)

> HIT HMS 5175 NAS (224 TB)

You may also be interested in the HIT HDL series with storage capacities over 1 Petabyte (1327 Terabyte).

Compared to other storage systems, the systems have the **lowest energy consumption** (COLD Storage). The robust mechanics (HIT archive robots have been in use for 20 years) and the innovative magazine technology ensure long-term access to the data stock. The separation of data carriers and drives also protects the data against data loss. Professional BD media certify a service life of 50-100 years and significantly reduce the usual migration costs.

Optical libraries - energy-efficient long-term archiving
The special feature of optical libraries is the Blu-ray data carriers, which cannot be changed once they have been written to (trueWORM) and therefore meet one of the most important requirements for business compliance and regulations in other areas, such as medicine.

Optical libraries are also unbeatable when it comes to energy efficiency. As long as the data is not being accessed, the Blu-rays remain in their slots (HMS series) or cartridges (HDL series) and consume no power. With the appropriate storage management solution, for example, recently and frequently used files can be stored in a ring cache so that the requested information is quickly available to users. This means that the optical libraries are in no way inferior to other solutions in terms of speed.

Latest news about INCOM Storage- and archiving solutions can be found on: www.incom.de.

Magazines for the HMS libraries

> Ergonomic design for quick and easy access

> Patented design: removable data magazines

> Suitable for all archive storage in the HMS and offline range

> 35 media on special data carriers, for contactless transportation

> Changer magazine for easy replacement and offline data management

> Locking mechanism protects data carriers from accidental opening during transportation and removal of media

> Double RFID marking

Technical Data

Models	HMS 2070	HMS 2105	HMS 3350	HMS 3560	HMS 5175
Disc capacity	70	105	350	560	1750
Disc magazines *1	2	3	10	16	50
Storage capacity *2	7 TB	10,5 TB	35 TB	56 TB	175 TB
Drives	2	4	6	8	12
Disc Load Time *3	< 3,5 Sek.	< 5 Sek.	< 6 Sek.	< 6 Sek.	
MSBF			2,5 Mio.		
Interfaces		SAS, LAN, NAS			MiniSAS, LAN, SATA

*1 (á 35 Slots)   *2 (100 GB Blu-ray)   *3 (average)