



# Museums, Libraries and Historical Archives

## DISC Optical Storage for Museums, Libraries and Historical Archives

DISC optical technology offers highly competitive mass storage for the long term archiving demands of museums and historical archive markets.



Museums and historical archives require long term archiving for the collection which consist of photos (high resolution) , digital scanned documents, video and audio files of historical moments etc. As a matter of fact all digital information can be stored in all formats such as: TIFF, JPG, MPEG and many others.

The DISC optical storage solution is supporting all state-of-the-art collection registration software which offers a smooth integration due into the file systems including the optical library/Jukebox.

TMS (The Museum System from Gallery Systems) provide a wide storage and search capability and all digital information can be archived and retrieved when needed. The higher the quality of an archived document will be required, the higher the resolution has to be defined, and the more Mbytes has to be stored. With DISC and TMS you have your solution !



Due to the long term archiving capability of DISC optical storage system for more than 50 years and the lower costs of storage it saves a lot of time and costs compared to regular on line hard disk solutions.

### DISC Cultural Heritage Competence Center

We have a test and demo laboratory set up located in the Netherlands at the Museum of Communications (The Hague). For a visit or demo just call +31 (070) 3455430 or email [info@go2cit.nl](mailto:info@go2cit.nl) or contact your local sales person.

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Solution

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## DISC Group Solution Benefits

- ⇒ Reliable, secure and compliant long term archiving with online accessibility
- ⇒ Supports Blu-ray Technology
- ⇒ Supports UDO,MO (option)
- ⇒ Supports DVD, CD
- ⇒ Future Support for Holographic and other Volumetric Storage Technologies
- ⇒ Modular design for individual configurations
- ⇒ SmartPack™ technology for intelligent data offline management
- ⇒ Built-in diagnostics
- ⇒ Rack mount option
- ⇒ Options for direct attach, NAS, Fibre Channel, i-SCSI interface

Blu-ray is set to be the future high capacity archive technology with 25 or 50GB per medium and a clear roadmap to 100GB and 200GB media capacities. Media are single sided with single or multiple recording layers of 25GB capacity each. WORM (BD-R) and Rewriteable (BD-Re) media are sector type with defect management and highly efficient error correction. Blu-ray is 120mm bare media type with hardcoated surface. Blu-ray drives are read/write compatible with CD/DVD media. Technology standardization is supported by all major drive and media manufacturers as well as the UDF file system. Blu-ray read/write transfer rates are 9MB/s for the first generation with a roadmap to 18MB/s and 36MB/s.



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