Global-Disk Long-Time Archiving

The Global-Disk long-time archiving solution allows for instant cost-savings and improved regulatory compliance. Using the system, data that does not need to be accessed any longer, but does need to be retained for legal or policy reasons, can be moved from on-line storage to affordable removable media or cloud storage. Added data protection significantly reduces the risk of data loss, even if the storage media degrade over time. Metadata indexing allows the right media to be easily found and restored.

PRODUCT HIGHLIGHTS

Designed for archiving data that only needs to be retrieved again in exceptional situations.

Works equally well for on-site and off-site storage, including cloud storage. Built-in support for Blu-ray and tape autoloaders.

Shelf life of archived data depends on media – for example, using TÜV-certified Panasonic Blu-ray disks, over 50 years is achievable.
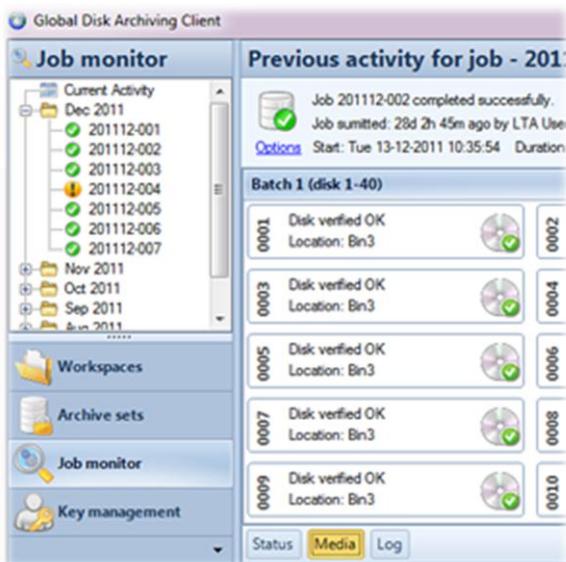
Access controls and restore process designed to be resilient to organizational and technology changes

SAMPLE APPLICATIONS

Accounting, tax and personnel records

Medical data

Forensic digital evidence

Key Technology Aspects

• Windows[*] Server 2008 R2-based server stack with 32/64-bit client and cross-platform integration options.

• Multiple media back-ends allow you to pick the right media for your situation, or even mix and match:
  • Global-Disk Blu-ray autoloader
  • Qualstar and 3rd-party tape libraries
  • Local RAID or NAS storage
  • Cloud-based storage services (Amazon S3, Google, OpenStack)

• No proprietary file formats or databases: easy interoperability.

• A public/private key infrastructure (PKI) and certification authority (CA) are deployed as part of the product, or your existing in-house facilities may be used.

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The Global-Disk End-to-End Solution

• Delivered as part of an integrated hardware package or as software only.

• No limit on total archive size or individual file size. Data deduplication and compression strategies tailored to your use cases.

• Archival and restore operations are fully automated: the Global-Disk software manages data ingestion, security, recording, disk/label printing (if applicable) and verification.

• A user-defined amount of redundancy can be added to each archive set, offering RAID-like protection against missing or damaged media.

• Each archive set is rendered unreadable to unauthorized parties using 256-bit AES encryption, allowing media to be transported and stored off-site without security issues.

• Extensive custom metadata support allows for easy retrieval of archived data; unique media serial numbers and bar codes are used where applicable.

For more information about the Global-Disk long-time archiving solutions, please contact us at any time: info@global-disk.com