

FlashBox

The complete HSM storage solution, in a box. Server, disk storage and tape library, all in 7u of rack space. No extra hardware. No extra software. No hidden costs.

All the bang, less buck.

SGL FlashBox is a complete archive and content management solution, 'in a box'. Everything you need for an integrated HSM archive is included. No extra hardware, no extra software. No hidden costs. At the heart of FlashBox is SGL FlashNet, the foremost content archive and storage management software available to the media market. FlashNet's power, resilience and scalability have been harnessed in a compact 7u system, the ideal solution for those users who need content management and accessibility to their valuable media assets, but whose budgets cannot stretch to a 'separates' archive of hardware, software and professional services. FlashBox solves this problem, providing integrated archiving with a price/performance ratio that lowers the cost of entry to the data archive world, whilst ensuring the key business criteria of future scalability and security.

"SGL understands the broadcast workflow and does not have to be reminded of what is important to the broadcaster."

Mike Nichols,
Broadcast Engineer, GAC

the evolution of technology

SGL FlashBox is a bundled hardware and software solution aimed at entry level users with smaller projected rates of throughput into and out of the archive.

FlashBox is a simple, rack-mounted solution, that provides complete archive and content management functionality within the space of 7u in a 19" rack. The solution features a 3u server with onboard RAID disk storage and a 4u library, which can offer 1 or 2 LTO4 drives and from 10 to 47 storage slots.

Server / Nearline disk storage

The 3u server provides the disk storage and all disk cache for the FlashBox solution. The server specs include:

- Up to 16 RAID protected SATA drives
- 4, 8 and 16TB configuration
- Dual core Xeon processor
- Redundant power supplies
- Dual Network Interface Cards (NICs)

The server comes in 3 basic configurations, offering 4TB, 8TB or 16TB of disk storage. Users can scale easily between these 3 options as their storage requirements change.

Tape library

The tape library included in FlashBox is a 4u LTO unit. It is scalable, offering either 1 or 2 LTO4 drives, and between 10 and 47 slots (in 10 slot increments). As storage requirements increase, users are able to select the combination of drives and storage slots that suit their needs. Where necessary, multiple libraries can be attached to a single server, to provide specific levels of tape-based storage.

Configuration options

FlashBox comprises two components: server/disk storage and tape library. Each of these can be purchased in different configurations to suit the individual needs of each customer.

Server / disk

Available in:

- 4TB • 8 x 500GB disks in a 3u rack mount server
- 8TB • 16 x 500GB disks in a the same chassis
- 16TB • 16 x 1TB disks in the same chassis

Tape library

Base option includes 1 x LTO4 drive and 10 slots.

Maximum of 2 x LTO4 drives.

Storage slots can be expanded in increments of 10 slots up to a maximum of 47 slots.

All options may be combined, e.g. 2 drives 10 slots, 1 drive 30 slots etc.

FlashBox benefits

The new bundled solution is aimed at entry-level users who require a cost efficient archive and management solution at a lower entry price. It provides smaller users with a simple system that fits into 7u of rack space, and can meet all of their short- and long-term storage requirements. Both the disk and library elements of the solution are totally flexible, allowing users to tailor the amount of disk and tape storage exactly to their requirements. In addition, the solution is completely scalable. Users can add to the amount of disk storage, or increase the number of drives and slots (max. 2 drives, 47 slots) in the tape library as their storage requirements increase. Importantly, any expansion makes use of their existing hardware, which means that any growth of the archive does not necessarily entail significant outlay on new hardware. Ultimately, the server and library may be incorporated as the disk and tape storage elements in a full FlashNet cluster solution. FlashBox's extensive combination of upgrade paths and hardware recyclability provides significant return on investment (ROI) for all broadcasters.

FlashBox ships with ALL hardware, software, installation, training and 12 months standard support.



Open System is the philosophy that drives the development of

SGL's broadcast solutions. It means that all our solutions are developed to be as accessible and integration-friendly as possible. Our products and services are designed and produced in conjunction with all leading broadcast vendors, in all arenas, providing seamless operation in any broadcast environment.

SGL's innovative XML-based API provides an open-standard, non-proprietary method for any 3rd-party to easily integrate with the FlashNet core engine. SGL is **the** Open System, providing customers with more effective and efficient, **integrated** solutions.

www.sgluk.com

the evolution of technology

12, Fulcrum 2, Solent Way, Whiteley, Fareham, Hampshire

Tel: 4 4 (0) 1489 88 99 30 • Fax: 4 4 (0) 1489 56 58 25 • mail: info@sgluk.com