



Media &
Entertainment
Division

Product Overview >

ISO 9001:2008 &
ISO 13485:2003 Certified

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DCA: Digital Content Archive

Archive Solutions for File-based Workflows Including Video, Film & Broadcast

Rorke Data's family of Digital Content Archive (DCA) solutions protects and preserves valuable content throughout all stages of your file-based workflow. DCA's integrated hardware storage systems and related archive software applications manage newly ingested footage, dynamically expand nearline and offline capacity and automatically migrate data based on policy. Whether you are a boutique post facility, a studio, or a broadcast media giant, Rorke's DCA solutions protect the content you create, manage or broadcast.

DCA: Simple-to-Use, Fully Integrated Tiered Disk and Tape Archive Solutions

Rorke Data's Digital Content Archive (DCA) solution is designed specifically for the media and entertainment industry to manage and maintain 2nd and 3rd tier storage. DCA reduces your need for expensive primary storage by moving audio, video, film and graphics files to lower-cost disk and tape solutions. DCA will protect any newly ingested footage or completed projects by automatically moving them off primary storage to their robust Galaxy DCA Server (up to 36TB) and then, based on policies created for your individual workflow needs, move the files or projects to LTO5 tape for long-term preservation. Flexible archive and retrieval mechanisms allow access from all points in the workflow — to and from virtually any storage system, workstation or archive media.

DCA Server
up to 36 TB

Additional disk
expansion with
JBOD or RAID



- » Up to 36TB 2nd tier, RAID6 storage per DCA enclosure
- » DCA JBOD expansion options (up to 4 JBODs)
- » DCA also integrates with Galaxy Aurora and HDX series RAIDs
- » DCA is also the Hierarchical Storage Management (HSM) application server
- » Windows, Linux or OSX Server options
- » Network or fibre channel transfer protocols
- » 2U form factor

About the DCA Server

Rorke Data's DCA server is a highly efficient purpose-built content archiving platform that serves not only as your low-cost tier 2 disk storage solution, but also hosts the DCA's powerful HSM and archiving application. This dual-purpose storage server design is cost-effective, scalable and energy-efficient. The DCA server can be configured for your particular workflow requirements, enabling users to set the correct balance disk storage, tape or other storage tiers.

DCA manages data online, nearline or off-line/off-site

DCA can be integrated with most of today's asset management systems, adapting to your facility's workflow needs. Assets are initially saved into the DCA server and filed in a normal folder. The asset will then automatically move to a nearline storage tier based on disk, tape, DVD or RDX while maintaining its information in the online file system. It will appear as if it is still online with all of the asset's metadata information. In addition, DCA will allow you to move and catalog the removable media offline to a shelf while the DCA maintains its location and the asset still appears to be online. All these features were designed with ease of use in mind. Rorke Data's system architects work with you to pre-configure the system and ensure it works upon installation.

- » Support for multiple media tiers: RAID, CAS, Tape or Optical
- » Virtualized archive: seen as a Share or Mount Point
- » Encryption, retention management and replication options
- » Vaulting: Offsite, DR copies of media managed and tracked
- » Operating System independent: Windows, Linux, UNIX or Mac
- » Compatible with most Media Asset Mgmt Applications

DCA Supports Automation from Tandberg Data

Tandberg Data is a leading global supplier of end-to-end data protection. The company's wide selection of business-grade storage solutions include disk-based solutions, tape drives, autoloaders, libraries, removable disk and tape media and software for mainstream configurations.

Tape automation simplifies backup, restore and archiving tasks by automating the daily chore of rotating tapes, reducing the risk of data loss and saving you time and money. Tandberg Data offers tape automation products that are backed by more than 30 years of experience in research, design and manufacturing. Their backup systems, ranging from autoloaders to midrange automation, are built for today's content creation enterprises. Tandberg Data's LTO-5 drives and robotics are built on the company's legacy of leading innovation, and their solutions are designed to meet the growing storage requirements of today's media and entertainment industry leaders. In addition, the backward compatibility features ensure cost-effective operation and long-term investment protection.

All solutions are supported by Rorke Data, with Tandberg's worldwide service and support network recognized globally for its outstanding levels of service.

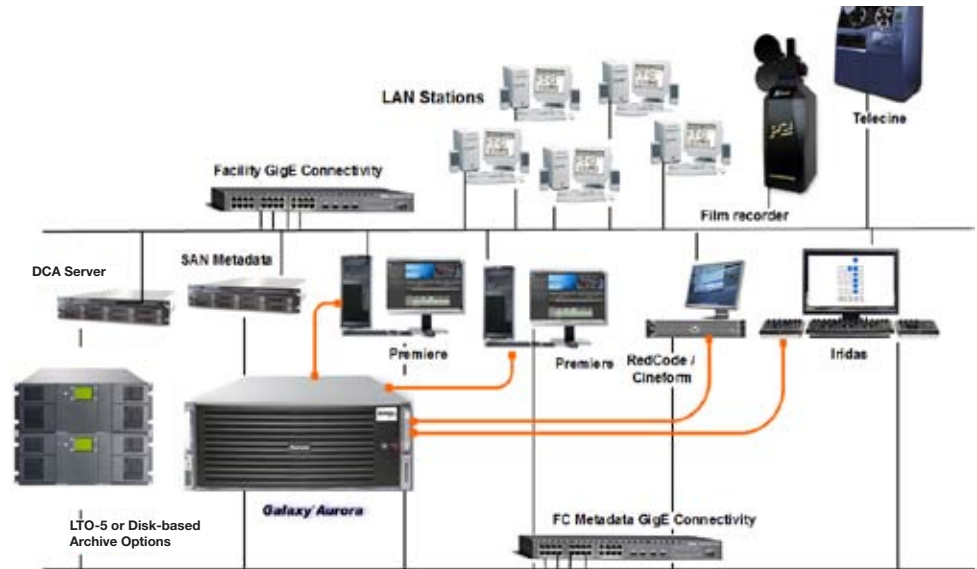
- » Capacity 12TB to 80TB
- » Available with LTO-3 HH, LTO-4 HH, LTO-5 HH & LTO-4 FH
- » Form factor 2U to 8U
- » Barcode, remote management and rackmount supplied as standard.
- » Slot count: 12 to 80
- » Multiple interfaces: SCSI, SAS and FC; WORM & Encryption for compliance.
- » LTO-5 drives 2-8
- » Field replaceable drives enable customers to upgrade capacity and performance.



Film and Video

The transition to a file-based workflow is essential in the digital content age. One key requirement is the ability to effectively manage and protect your digital archives so you can recall them at a moment's notice. Rorke's DCA helps customers efficiently manage digital archives with scalable, cost-effective and reliable components that allow for quick access to your digital video or film assets when you need them most.

DCA allows you to move files between tiers of storage and excels at storage management, matching the access needs of the content to the appropriate storage tier.



More than a simple HSM solution, it allows you to search and retrieve content regardless of where it originated. DCA also permits you to safely and confidently clear out the online storage knowing that you can quickly and easily retrieve content from the archive.

Rorke's DCA can be tuned to support both video- and film-based workflows, taking into account the special requirements associated with most video formats along with high-end 2K, 4K and 3D stereoscopic applications. DCA solutions are customized for Rorke's customers' workflows, network infrastructures and facility data management needs. To best protect media assets, Rorke provides storage solutions that integrate with leading Media Asset Management (MAM), Digital Asset Management (DAM) and traditional data protection applications

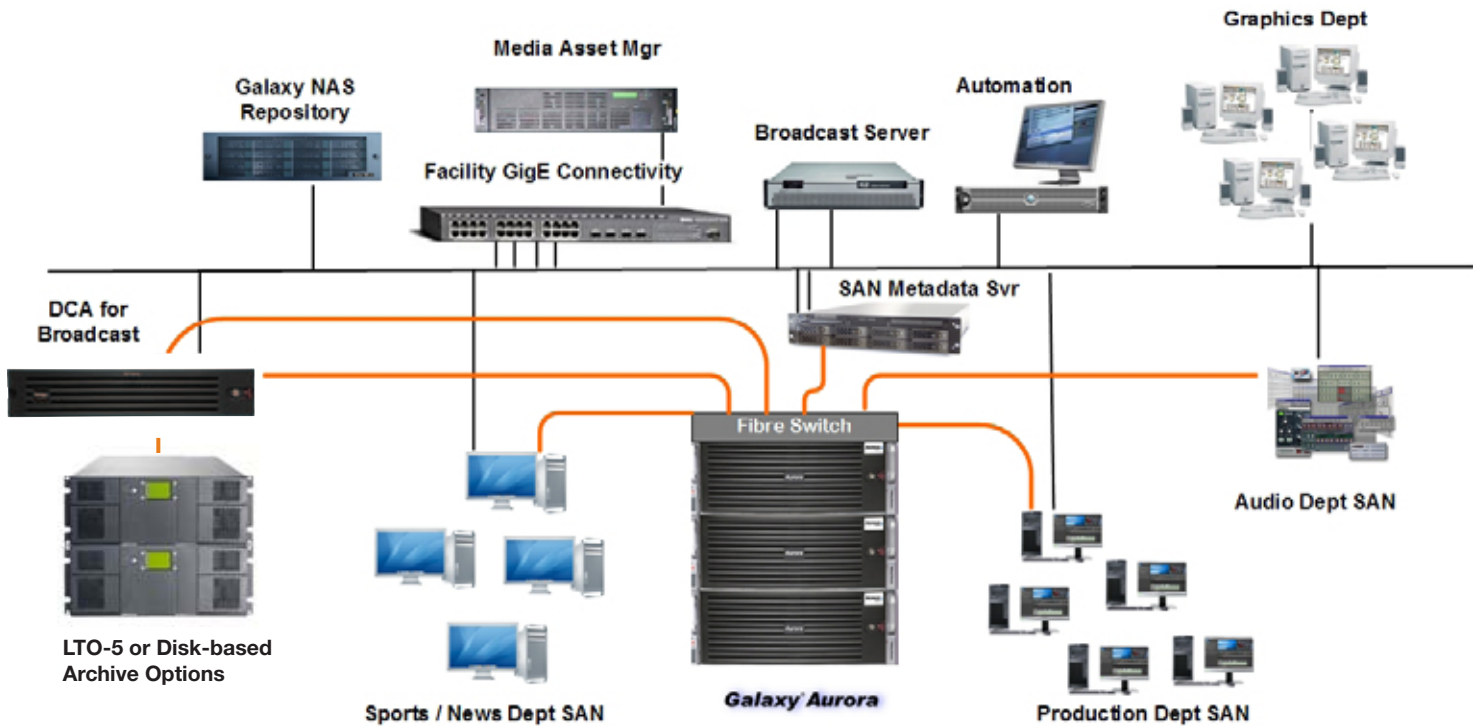
Features and Benefits

- » **Multiple media tiers** --- Supports disk and tape for short and long term retention
- » **Tape-to-tape migration** --- Allows clients to maintain data when technology changes
- » **Automated Vaulting** --- For easy replication of content for off-site storage
- » **Media Agnostic** --- Compatible with InfiniVault or LTO 4 or 5 media
- » **Common File type** --- System presentation allows open interface to many applications
- » **Varied Tape Library Support** --- Scalable tape expansion reducing nearline storage requirements
- » **Ease of System Integration** --- Network attached or SAN -based

DCA for Broadcast & Automation

Rorke Data's DCA for Broadcast integrates with each component of the broadcast workflow, including automation, play-out servers and a complete range of media asset management applications. We can design a solution that is highly scalable, building from either a departmental or facility-wide workflow approach.

Given the new standard of tapeless workflows, the need to maximize your online storage investment is crucial. Rorke's sales and engineering groups consider your applications, anticipated growth and overall workflow goals, ensuring a compatible, scalable integrated solution.



Manage the archiving of multiple department's assets with a common single system that provides easy access and tiered protection

Compatibility and Cooperation with:

Automation

- Arkemedia
- CIS Technology
- Crispin
- Harris
- NVerizon
- Omnibus Systems
- Pro-Bel
- Sundance Digital

Asset Management

- Blue Order
- CIS Technology
- Final Cut Server
- Focus Enhancements
- Harris
- IBIS
- Konan Digital
- Pharos
- Solid State Logic
- Pharos VideoBank

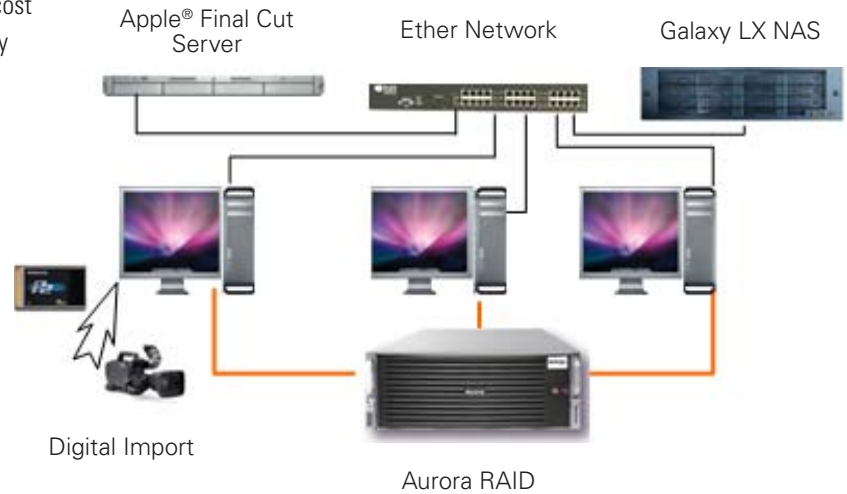
Broadcast Servers

- Fission
- Grass Valley
- Leitch
- Omneon

Galaxy LX5 NAS: Tapeless Archive for Tapeless Cameras

Rorke Data's Galaxy family of NAS & integrated storage server subsystems provide our customers with very competitive cost per GByte, high-performance data storage and rack density without sacrificing processing power.

- » 8, 16 or 24 bay chassis or 1U NAS head option
- » RAID 0, 1, 3, 5 & 6
- » Dual GbE or optional quad GbE / 10GbE support
- » iSCSI host and target support
- » Standard storage expansion to 120TB, larger options available
- » NAS gateway head unit with add-on Galaxy RAID
- » Easy to use GUI for setup and administration
- » Remote replication and monitoring
- » Error detection and Email notification



Galaxy LX NAS Nearline Archival Storage with Aurora SAN Connectivity

Rorke Data's Galaxy LX5 Nas is a scalable, feature rich NAS and iSCSI appliance in an all-in-one storage system. With standard capacities up to 120TB, this low cost network appliance is easily integrated into any post or broadcast environment. The Galaxy LX5 scales above the typical 16TB limits of other NAS systems and offers RAID 6 data protection with a simple to use administration GUI. With varied sized base chassis and SAS JBOD add-ons, you can grow your LX5 as your needs increase and disk drive technologies improve. The built in snap shot function and synchronizing of data with a remote LX5 creates a sophisticated disaster recovery method.

Features and Benefits

- » **Easy to add JBOD expansion --- Grow the LX5 with your storage needs**
- » **Simple mount point shows on the desktop --- Ideal for P2 media and tapeless camera workflows**
- » **Versatile network interfacing --- Supports media asset management applications**
- » **Exceptional performance --- Supports DV video editing, audio libraries and render farms**
- » **Workflow crossover for various client needs --- Centralized LAN and SAN accessible storage**
- » **Built in Linux Operating System with easy to use GUI --- No 3rd Party Software required**
- » **Ultimate data protection --- RAID 6 Protection**

Corporate Overview

As of 2010, Rorke celebrated its 25th anniversary. In June 2010 Rorke became part of Avnet, Inc. Avnet is well regarded as one of the largest storage, server and component distributors in the world.

The unique relationship between Rorke and Avnet drives multiple benefits for our customers such as:

- » Global footprint with direct access to over 500 product lines
- » Direct access to our supplier partner's support and engineering team
- » \$20B world class buying power
- » Wide range of technical, product, OS and applications certification

Thanks to our customers, Rorke Data continues to grow. We have recently relocated to a new facility, doubling our system integration, R&D and interoperability capability. We also enhanced our company's ISO 9001 quality-control procedures and added a state-of-the-art call center. As an Avnet Company, Rorke will invest even more in R&D, support infrastructure and logistics.



Professional Services

World Class Integration Facility

Rorke's new state-of-the-art facility doubles our system integration and interoperability capability.

Our team of technical personnel, including Integration Teams, Solution Architects, and Field Engineers work together to provide custom configurations, proof of concept, and pre-staging of complex systems. These same teams manage installation services and pre and post sales support.

- » ESD compliant integration facility
- » 3-shift manufacturing capability
- » ISO 9001:2008 Certification
- » ISO 13485:2003 Certification
- » Custom integration services
- » Technical pre-sales consulting
- » Support Engineers with broadcast and post application knowledge
- » Custom work instruction development
- » Interoperability testing and certification services

Global Service and Support

Rorke Data's Engineering Services Division provides a single point of contact for a wide range of maintenance and support services.

- » 24x7 on site maintenance contracts
- » Call center for global 24x7 response
- » Installation and training services
- » Multiple warehouse and manufacturing facilities
- » Experienced, Certified field engineers
- » Call escalation procedures
- » Service and repair portal
- » Supportforce application for service event tracking
- » Extended parts and replacement warranties





Integrated Storage Solutions for Media & Entertainment

» www.rorke.com

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