

# **RORKE** **DATA**

/ An Avnet Company /



## **Galaxy<sup>®</sup> ADA**



**Low-Cost DICOM 3.0  
Multi-Modality Archive Appliance**

**ISO 13485:2003**

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[www.rorke.com](http://www.rorke.com)

# Rorke Data, An Avnet Company: Corporate Overview

For 25 years, Rorke Data, has delivered storage-centric solutions and related services to the Diagnostic Imaging and Healthcare IT industry. Our longevity stems from an old-school approach to business: solve your customers' problems with quality products, and then take care of those customers with world-class service and support. Our new parent company, Avnet Inc., one of the largest storage, server and system component distributors in the world, gives Rorke Data a global footprint and financial stability.

As data storage requirements increase, regulatory compliance for securely storing and managing information, as well as cost containment mandates, have emerged as forefront issues in today's healthcare organizations. From patient image studies or EMR storage to drug research and development data, Rorke Data understands the importance of providing the right technology platforms and services to our clients.



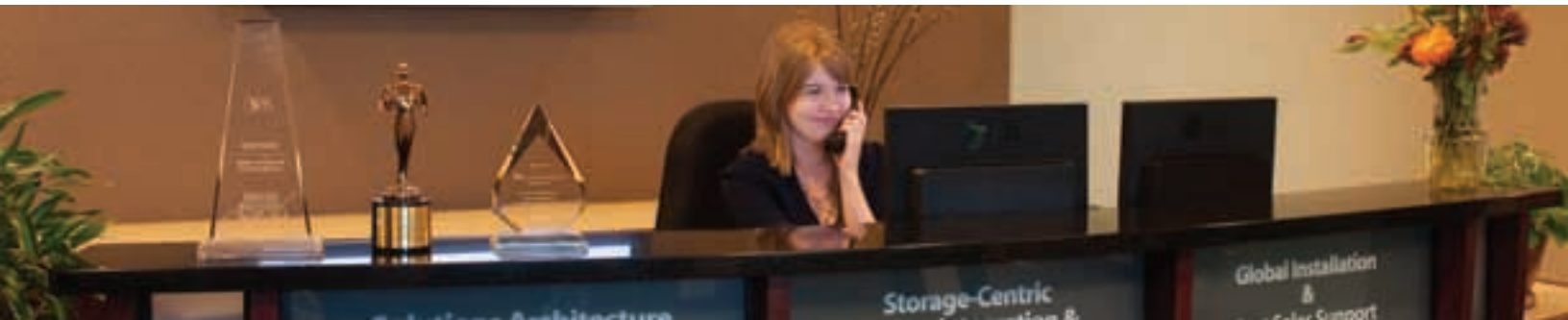
FDA



ISO 13485:2003



ISO 9001:2008



# Galaxy® ADA DICOM 3.0 Appliance Overview



## What is the Galaxy ADA Archive Solution:

The Galaxy ADA archive appliance is a robust DICOM 3.0 storage archive solution. It is not a mini-PACS or a vendor neutral archive, rather it has been purpose-built for the storing, retrieval and long term archiving of DICOM 3.0 images. The product can be sold up front as an add-on to a new modality sale and is also positioned as the in-the-field replacement for installed, aging Magneto-optical drive towers (MOD) that are now EOL.

## Why do customers need to consider buying the Galaxy ADA appliance:

- » The Galaxy ADA is positioned as the replacement product for the widely installed MOD-based solutions
- » MO drives and media are EOL and effectively obsolete
- » Many MO drive service contracts are maturing and FRU/parts availability is approaching zero
- » By definition MO media is no longer DICOM compliant since there are no OEMs for the media or drives
- » There are media conversion services available to convert older MOD to ADA media as well

The ADA appliance provides a combination online storage capacity for DICOM 3.0 images for multiple approved users and modalities, as well as automated in the background archiving of the images within a department or a facility. Duplicate disc copies can be easily created; one copy for on-site image archive retrieval, as well as an off-site copy for disaster recovery purposes. The system is designed with a small physical footprint measuring just 8.26 in (w) x 8.46 in (h) x 11.98 in (d).

- » DICOM 3.0 compatible
- » Network attach 2TB RAID w/integrated archive
- » Removable 50GB Advanced Disc for Archive™ Media
- » Options to transfer data from MOD to ADA Media



# Galaxy® ADA: A simple-to-use, best practice ARCHIVE for DICOM



## What DICOM systems can it connect to?

If the modality system is attached to the LAN then;

- » All DICOM 3.0 Modalities should be supported
- » All DICOM Workstation / Viewers should be supported
- » All PACS / mini-PACS systems should be supported
- » JPEG viewing also supported on any workstation with permissions

DICOM Conformance Statements should be compared to confirm compatibility

## How does a user find studies?

Two Methods;

- » Use a DICOM Workstation to query / retrieve
- » A Web-based GUI for Healthcare staff is provided

Password protected access to the archive

Database query and retrieve based on DICOM metadata  
Patient name, Patient ID, Sex, Modality, Study Type etc.

- » Provides unlimited archive capacity
- » Provides a fast archive for most recently written or accessed studies, uses a mirrored hard disk cache
- » Provides a secure, searchable archive for all studies, using optical media in a cartridge (ADA from Panasonic)

# Galaxy<sup>®</sup> ADA: Product Positioning

The Galaxy ADA DICOM archive appliance delivers best-in-class integrated storage functionality and class-leading value all backed with the stability and quality assurance of Avnet, Inc; a \$25B global distributor and integrator of IT solutions and components.

As an Avnet company, Rorke Data has provided thousands of Galaxy storage solutions to healthcare OEMs and channel partners for over 20 years.



## Galaxy DICOM Appliance vs. Competition

- » MSRP below \$8,000 USD
- » RAID protected NAS (Network Attached Storage) with integrated automated archiving and DICOM 3.0 support
- » Removable media for offsite vaulting and disaster recovery vs. RAID only
- » System can track media offline on the shelf so users can grow their archive as needed
- » Basic DICOM storage functionality – ADA is not a Mini-PACS
- » Media life 50 years vs. tape under 30 years
- » Codonics Infinity C-series does not include archiving or media management
- » Candelis IMED-Stor series is single modality only: Galaxy ADA supports multi-modality environments

# Galaxy® ADA: Integrated Cartridge-based Archiving w/Panasonic ADA



Advanced Disc for Archive™ (ADA) Media by Panasonic® employ archive-grade discs enclosed in a protective case using the widely supported Blu-ray Disc™ format. ADA removable media support best practice archiving by retaining critical data in multiple locations on more than one type of storage medium for optimal security and disaster recovery protection.

## Cartridge-Based Optical Archiving

- » Secure and reliable for long-term storage
- » Removable media as best practice
- » MO and DVD-RAM customers need a replacement format
- » Natural evolution to next generation, larger capacity media
- » Lower cost/GB than MO
- » Global Blu-ray standard, future roadmap
- » Industry-standard Blu-ray format
- » Durable inorganic phase change disc construction
- » Selected low error rate discs, 50+ years media life
- » ADA Disc ID guarantees authenticity
- » Encased for additional protection

# Galaxy<sup>®</sup> ADA: Media Conversion Options

## Data Conversion Service Options

### What is Data Conversion:

Is the process of extracting images that are stored on older EOL media such as Magneto Optical Disc (MOD), converting images into DICOM 3.0-ready files, and transferring them to the Galaxy ADA Appliance.

### How Is The Conversion Process Done:

The service is performed off-site, in secure labs, using our proprietary software that reads and converts both non-DICOM images as well as DICOM files on older media. Customers will need to FedEx us their data. We will return their original media along with a USB drive containing their data. They can connect this drive to their new ADA drive and consolidate old and new studies.

It is safe to send data off-site. We will ask all customers to sign a Business Associate Agreement that ensures all parties are HIPAA compliant and treat the patient information with confidentiality and care.

## Access to archived studies is needed

The **Health Insurance Portability and Accountability Act** (HIPAA) of 1996 gives patients the right to access their own medical records.

The **State Department of Health and Human Services** requires healthcare providers to supply medical records within 30 days of request.

**State legislation** requires storage and access of medical records ranging from 5 to 11 years for adults, and 7 years to life for minors.

**Convert and consolidate your old MOD's\* to ADA @ratio of 20:1!**



**\*Note:** MOD drives are obsolete, don't risk patient data on EOL archive media formats-upgrade to the Galaxy ADA today and convert and consolidate your long term archival studies on to industry standard, cartridge protected ADA media.



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## Why Partner with Rorke Data?

With over 10,000 installations worldwide, Rorke Data understands customers' data storage needs, whether it be RAID, SAN, Archive, or NAS. From direct-attached applications – all the way to a storage cloud – our Galaxy® line of high-performance, energy-efficient, scalable products offers the features, quality, post-sales service, support and value that customers need for their data storage environment.

- » Technical pre-sales consulting
- » 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
- » ISO 9001:2008 Certification
- » ISO 13485:2003 Certification

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