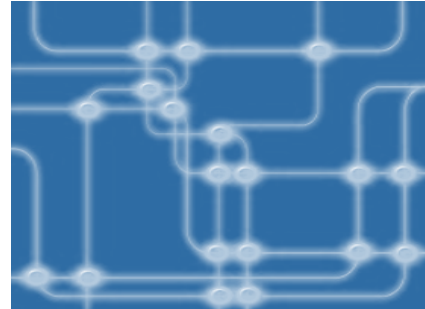


## aycan DICOM router

### A Cost Effective and Powerful Distribution System

This scalable, high performance distribution system is ideal for sharing DICOM data between disparate clinical and enterprise imaging IT systems.



### At Home In Any Environment

From simple to complex workflows in imaging centers, hospitals, and Teleradiology service companies, the aycan DICOM router can improve the workflow in any environment. Ideal for remote sites integrating with a central PACS.

### Custom Workflows

The aycan DICOM router automates the distribution and prefetching of medical images from various disparate clinical and enterprise imaging systems. It's highly customizable with multiple configuration hooks for DICOM instance triggers (e.g., email notifications, router rules, HL7 messages, etc.), as well as HL7 engine triggers for pre-fetching and distribution, allowing it to integrate with RIS, EMR, and other management systems. Routing can be easily configured for time of day, specialty, source, and more as rules are applied on the instance level.

### Tailored to Meet Your Needs

The aycan technical team can meet with you to help develop a customized workflow enabling you to take advantage of all the custom options the aycan DICOM router has to offer. aycan's DICOM technical experts can work with you to develop your custom configuration and simplify your deployment.

### Flexible

The aycan DICOM router provides your organization a true gateway for all of your workflows. The router accepts multiple simultaneous DICOM network transfers in independent threads, file-drop folders to ingest DICOM files, and support for non-DICOM files to be converted.

### Truly Relevant Priors

Utilizing a customizable keyword and modality cross-references, prefetching studies are made more relevant for the end-user. The router does this by providing the desired number of priors from a pre-filtered subset of images matching the keywords of either the triggering study or HL7 message.

### Universal DICOM Compatibility

The aycan DICOM router accepts DICOM objects in all the common formats, including JPEG 2000, and can do on-the-fly transcoding to support legacy modalities.

# aycan DICOM router

## Unique Features Allow You to Improve Productivity Without Compromising Integrity

- Automatic DICOM Tag Modification
- Auto-Routing based on image level DICOM tags
- Compression (JPEG lossless, lossy, JPEG2000)
- DICOM Connections (five) included in base configuration
- HL7 order messages on study arrival
- HL7 prior prefetching and route triggering
- HLTM5 web management and image viewing
- Lossless Compression
- Metadata Editor for manual DICOM metadata modification
- Modality Worklist
- Rack mount or tower configuration (optional)
- SAN Integration

## Immediate, Live, Customer Service and Support

As part of our commitment to achieving 100% customer satisfaction, ayacan offers customers immediate, live, remote service and support. A dedicated and qualified technical team is here to help resolve any issues that may arise with an ayacan solution. This includes working with other third-party vendors as necessary.

## Switching to ayacan is Easy

- 20+ years extensive PACS & data migration experience
- DICOM expertise
- Dedicated technical staff
- Comprehensive integration planning
- Quick and easy on-site integration
- Work with/manage problem resolution with vendors
- Vendor neutral products and services
- Flexible payment options
- Free consult—call today!



## DICOM Router Appliance

- Dell PowerEdge Server
- Virtual Machine for VMware, XenServer, Hyper-V, and more
- 10-gigabit Ethernet support

## Standard and Extended Warranty

- Three-to-seven-year hardware warranty with next business day on-site support in the U.S.
- One-year software warranty
- Extended hardware and software warranties available as an option

## Listings/Markings

- FDA listed as a medical image communication device (class 1 Exempt, Sec. 892.2020)
- CE Marking: class I product

## DICOM Associations

- Base configuration includes 5 DICOM connections (modality or workstation)

Start improving your workflow with the ayacan DICOM router.