ADVA gateway

A SUPERIOR DICOM ROUTER

Built with the goal of simplifying processes and workflows in complex medical imaging environments, AdvaGateway is a high-powered DICOM router with practical features. These include reducing image transmission time and updating patient identifiers and accession numbers for teleradiology interfaces. It is tailormade to offer imaging enterprises the flexibility and scalability they need.

AdvaGateway utilizes advanced and highly configurable routing rules and also supports DICOM tag morphing, compression and DICOM proxy.
Rules can be built with an easy to use graphical editor, or complex rules can be scripted. This allows for automation and eliminates much of the manual work previously required.

AdvaGateway supports deployment as a stand-alone service or can be clustered to provide a highly-available, easily deployable scalable solution.

Speed and reliability is the name of the game, along with customization features that enable deep integration with the rest of your system.
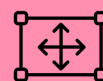
KEY FEATURES

A powerful DICOM router packed with practical functionality:
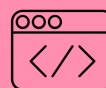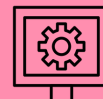
DICOM Routing Rules

DICOM Compression
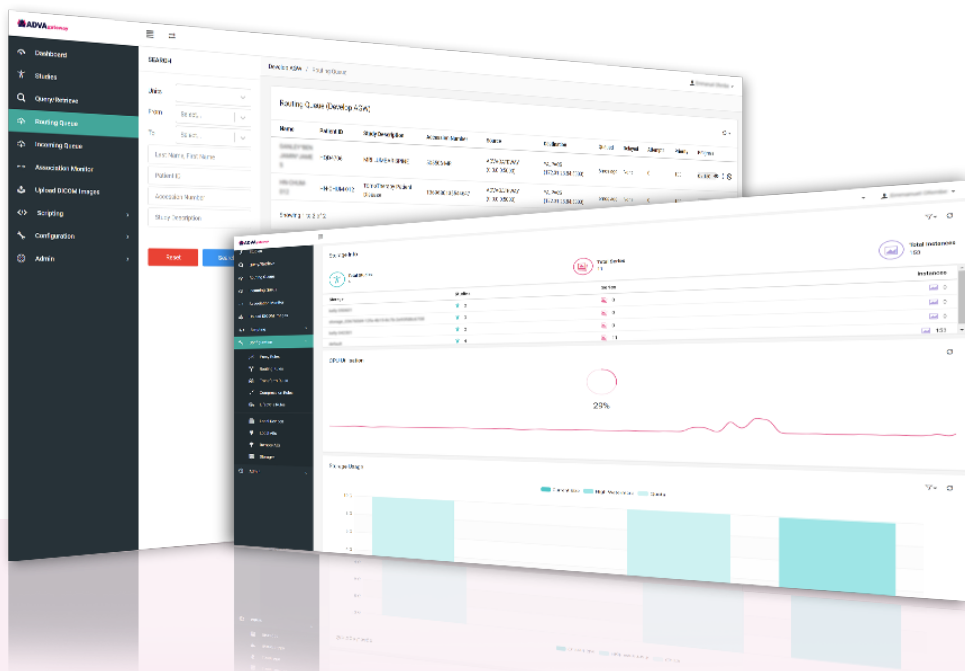
Tag Transformation

DICOM Proxy

Open API

Centralised Control

ADVAPORTAL REMOVES THE PAIN POINTS IN THESE CLIENTS ENVIRONMENTS, ENSURING HIGH LEVELS OF SATISFACTION FOR YOUR CLIENT AND YOUR ORGANISATION.

BENEFITS

Advanced routing

- High powered DICOM routing engine to optimise the data throughput
- Configure routing rules with conditions based on DICOM tags or the result of a custom script
- Priority-based queue ensuring the most important studies can be transmitted as soon as possible

Reduce transfer times with compression

- Create flexible rules to compress images to standard DICOM transfer syntaxes including your ability to select either lossless or lossy compression
- Options for JPEG, JPEG-LS and JPEG2000 compression
- Will drastically speed up the time from scanning to having images in front of a clinician
- Efficient transmission of prior studies

Achieve integration flexibility

- Using AdvaGateway's DICOM proxy, you can proxy C-Find, C-Move and Worklist queries to other devices with the ability to transform the requests and responses dynamically
- Create transform rules to modify DICOM tags of matching instances, which is useful for:
  - enforcing tag uniformity
  - identifier conflicts
  - resolving conflicting tags

Customisable

- Utilize AdvaGateway's RESTful API to drive your workflows
- Create custom scripts to achieve high levels of flexibility and customisation

Simple management

- Control and administer multiple AdvaGateway deployments from a single web-based controller
- Granular permissions control to limit user abilities
- Sync users and roles from Active Directory