



AUTOLOAD

AUTOMATIC LOADING OF STUDIES
IN VIEWER APPLICATIONS

*TIME
MATTERS*



VERSION 1.0



SMALL TOOL - BIG DIFFERENCE

iQ-AUTOLOAD is a client software application which automatically starts a viewer with the latest study received from the modality.

Many accident and emergency units face the challenge to manage a high throughput of patients. Often, around 90% of incoming patients receive imaging exams. Most health professionals opt for large diameter monitors in the emergency room to provide at hand, valuable imaging information to all physicians involved.

iQ-AUTOLOAD is a PACS module to automatically load, display and hang any kind of incoming imaging studies on the screen without any interaction from users, such as controlling iQ-VIEW or iQ-WEBX. The software "waits" for incoming emergency DICOM data from the modalities and opens the connected PACS viewer with the most cur-

rent study. This feature is extremely useful for emergency facilities, where the lives of patients typically depend on swift and efficient care.

There are 3 different modes:

- A) iQ-AUTOLOAD opens and displays new images when data from a new patient arrives.
- B) iQ-AUTOLOAD opens and displays new images when DICOM data with a new study instance UID arrives.
- C) iQ-AUTOLOAD opens and displays new images when data with a new accession number arrives.

The optimal mode for individual emergency centers depends on

their particular needs and on their image device vendor.

INPUT

- Any kind of DICOM object
- Single-threaded C-STORE interface

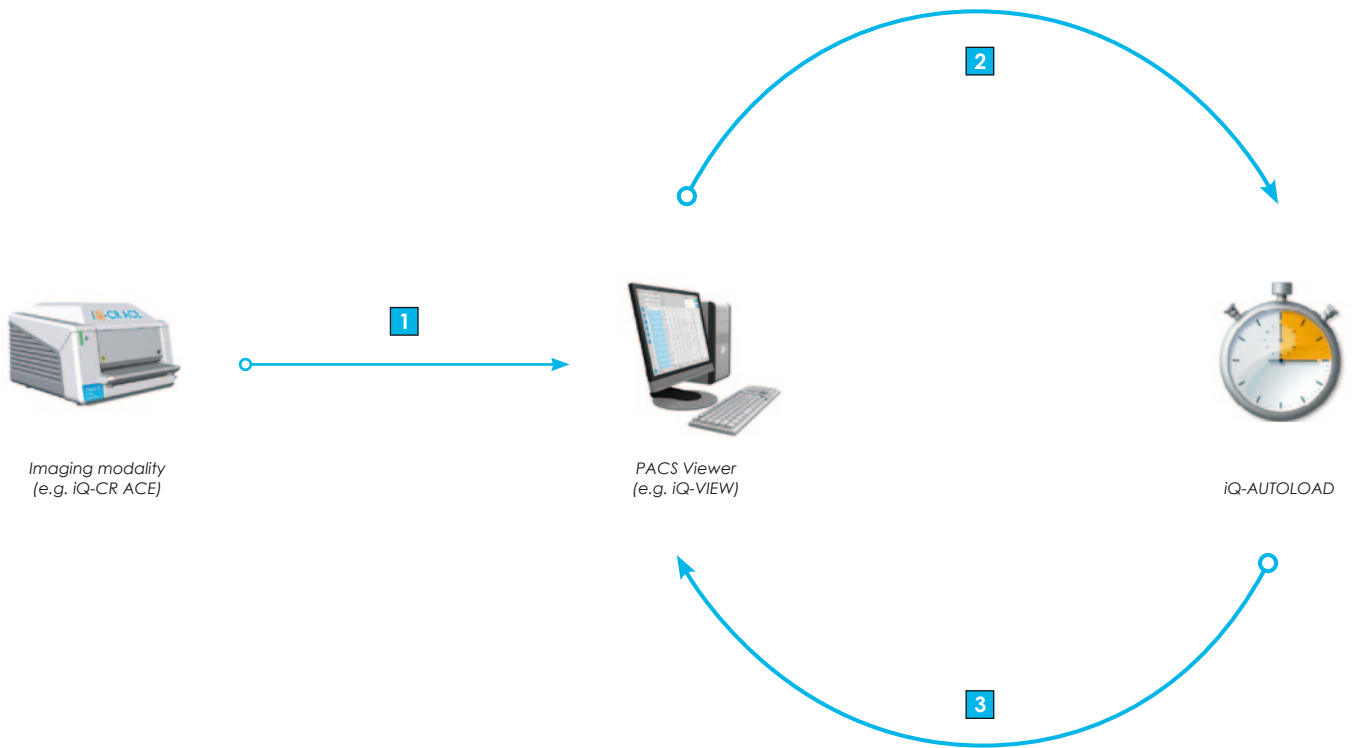
OUTPUT

- Use of single or double display configuration using iQ-VIEW/PRO
- Single display configuration using iQ-WEBX/WADO
- DICOM compatibility depends on the viewer used (see appropriate DICOM conformance statement)

COMPATIBLE VIEWERS

- iQ-VIEW/PRO ≥ 2.6
- iQ-WEBX $\geq 6.1.3$ using WADO
- Other viewers upon request

iQ-AUTOLOAD WORKFLOW



- 1** The images are sent from the imaging modality to the PACS viewer.
- 2** The images are immediately forwarded to iQ-AUTOLOAD.
- 3** iQ-AUTOLOAD automatically opens the images in the connected PACS viewer.

SYSTEM REQUIREMENTS

HARDWARE AND SOFTWARE REQUIREMENTS

	MINIMUM	RECOMMENDED
OS:	Windows XP, Windows Vista 32 bit	Windows XP Professional Windows 7 Professional (or higher) 32 bit
CPU:	Pentium IV, 1 GHz	Pentium IV, 2 GHz
RAM:	512 MB RAM (2 GB RAM for cardiology)	1 GB RAM (3 GB RAM for cardiology)
HDD:	2 GB free hard disc space (DMA33)	20-500 GB free hard disc space (S-ATA or SCSI)
Network:	10 Mbit/s network adapter	100 Mbit/s network adapter
Graphics:	24 bit color or 8 bit gray output Every nVIDIA, ATI oder Matrox graphics card	24 bit color or 12 bit gray output Every nVIDIA, ATI oder Matrox graphics card
Display:	1024 x 768 pixel High-resolution monitors for diagnostics	1280 x 1024 pixel or more IMAGE DISPLAYS for diagnostic purposes
Peripherals:	CD-ROM drive	Scroll mouse, CD or DVD writer, PostScript printer
Hardware:		DELL hardware



OUR SOLUTIONS FOR YOUR IMAGING NEEDS

iQ-VIEW	The radiology reading station
iQ-VIEW 3D	3D post-processing workstation
iQ-STITCH	Tool for the creation of full spine and full leg images
iQ-CAPTURE	Add-on hardware module for capturing images from analog video sources
OrthoView™	Add-on module for orthopedic templating and trauma planning
DICOMReader	Reading portable DICOM media into any PACS
iQ-WEBX	PACS server for storage, teleradiology and image distribution
iQ-WEBX WADO	Interface for easy access of medical studies from any MIS
iQ-PRINT	DICOM paper print server
iQ-ROBOT	Automatic burning and labeling of patient CDs and DVDs
iQ-ROUTER	Image compression for teleradiology and workflow management
iQ-WORKLIST	DICOM worklist server optimizing your workflow
iQ-MAIL	Simple teleradiology using DICOM email
iQ-NUC	Complete package for nuclear image processing
iQ-RIS	The smooth radiology information system
IMAGE DISPLAYS	Medical diagnostic displays
iQ-CR ACE	Efficiency in CR

OUR COMPANY AT A GLANCE

IMAGE Information Systems is a British-German company group, which offers complete, easy-to-use and affordable solutions for the most demanding customers in the field of medical imaging.

Thousands of satisfied clients all over the world are profiting from our state-of-the-art products for PACS, RIS, nuclear medicine, medical displays, X-ray solutions, 3D processing and teleradiology.

We have pioneered several innovations to the market: We are the first worldwide PACS vendor to introduce true 12 bit grayscale display technology for a visibly better quality of CR, DR and CT studies. We are the world's first provider of a fully automatic nuclear heart reconstruction. Our DICOMReader has the highest available read-in rate of patient CD-ROMs ensuring virtually full compatibility with almost all available imaging modalities and vendors.

IMAGE Information Systems provides the 2nd largest digital imaging user forum on earth with more than 24,000 registered users.

To learn more about us and our products, please visit our web site.

