



WORKLIST

DICOM WORKLIST SERVER

OPTIMIZING YOUR WORKFLOW





CONSISTENT RIS PACS DATA

iQ-WORKLIST is a powerful DICOM worklist server and a must-have in every imaging center.

iQ-WORKLIST can interface with most radiology, practice or hospital information systems, reads scheduling data and creates DICOM worklists for imaging modalities.

By using DICOM worklists, you can accelerate the modality workflow and avoid typing errors. The iQ-WORKLIST server ensures that the image study data and the local medical information system are always consistent.

iQ-WORKLIST can be installed and configured within just a few minutes. It is reliable and easy to maintain.

iQ-WORKLIST can read HL7 order requests or patient messages (ORM,

ADT) and does also accept BDT/GDT files as a data source.

In order to properly meet the needs and expectations of most end-users, iQ-WORKLIST is available in two different versions: BASIC and PRO.

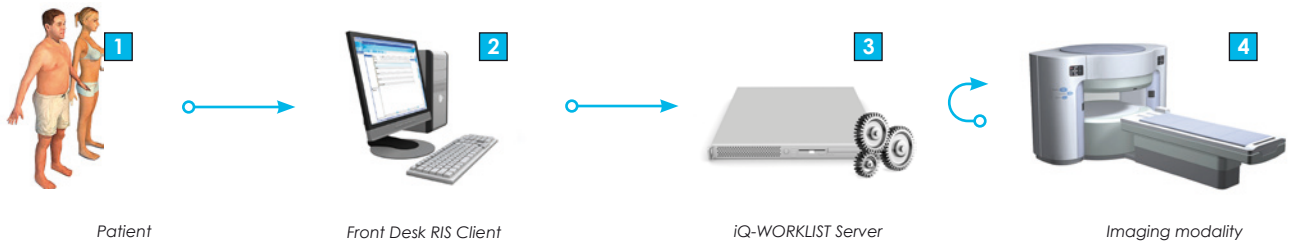
The BASIC version supports a maximum of 2 DICOM modalities and is optimized for smaller imaging centers or doctor's offices.

The PRO version supports an unlimited number of DICOM modalities. It can manage the DICOM worklists, e.g., of a whole hospital.

***THE SOLUTION
CAN BE SO SIMPLE***



iQ-WORKLIST WORKFLOW



- 1** The patient is registered to a RIS, HIS, PMS or any other medical information system (MIS).
- 2** The MIS sends scheduling data to the iQ-WORKLIST server.
- 3** iQ-WORKLIST collects scheduling information in a local database and provides a DICOM worklist to any imaging modality.
- 4** The imaging modalities query the worklist manually or automatically to get accurate patient and scheduling information.



iQ-WORKLIST FEATURES

GENERAL

- Runs as an NT service in the background with low system resources
- Several log levels for documentation or error tracking

INPUT

- Reads HL7 messages (ORM, ADT)
- Reads BDT/GDT data
- Multiple sources (HL7 und BDT) concurrently
- Compatible to HL7 2.x
- Mapping file to adapt HL7 dialects
- HL7 network listener

DICOM

- DICOM worklists based on scheduling data
- Creation of unique Study Instance UIDs for the querying modalities
- Serves up to two DICOM WORKLIST SCU nodes
- BDT accession numbers can be created based on time stamps
- Compatible with any DICOM worklist client
- Supports any modality queries, e.g. by patients name, patient ID, birth date, modality, scheduled station AE title, scheduled procedure start time and date

iQ-WORKLIST PRO FEATURES

IN ADDITION TO iQ-WORKLIST FEATURES

DICOM

- Unlimited number of DICOM WORKLIST SCU nodes



SYSTEM REQUIREMENTS

HARDWARE & SOFTWARE REQUIREMENTS

	MINIMUM	RECOMMENDED
OS:	Windows XP	Windows 7
CPU:	Pentium, 1 GHz	Pentium, 2 GHz
RAM:	512 MB RAM	2 GB RAM
HDD:	20 GB free hard disc space	120 GB free hard disc space



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