

Overview

IQPACS RadiVision is a server side application acting as the interface - broker between the PACS network and the HIS/RIS in the hospital. It is developed in conformance with both DICOM and HL7 standards and with respect to IHE specifications.

The IQPACS RadiVision also manages all the messages exchanged between the DICOM nodes in the network (messages concerning data integrity for different modifications of patient and study information, etc.). It sends and receives electronic patient and modality scheduling requests to modalities and HIS/RIS, and generates work lists that will be sent to imaging modalities for the purpose of having an exact timetable in the radiology department.

Operating System and Hardware Requirements

Typically, IQPACS RadiVision is installed on the image server, together with IQPACS ImageStore.

Windows Server 2003, Microsoft SQL Server 2000
Possible hardware configuration (depends on number of users and number of studies):
Dual Xeon CPU, 2 GB DDRAM, RAID Disks

DICOM Services and Configuration Options

- Verifies connection to other DICOM nodes in the network
- DICOM Query capabilities
- Autorouting DICOM messages
- Provides connectivity to HL7 compliant HIS/RIS
- Import and export patient data from/to HIS/RIS
- Audit Log Report for all the applications in the IQPACS system with filtering criteria for creating reports and reports printing.
- Different coding schemes management
- Automatic MPPS manager
- Different nomenclatures management
- Study status management
- Provides DICOM WorkList
- Background processes monitor
- Report repository
- Master patient index

Other Features

- Multiple user access; password based access
- Application user management
- Application debug facilities
- Application screen saver
- Application lock; autolock after a configurable period of time
- Support for different character sets
- GUI in English, Romanian and Bulgarian
- User profile settings
- Help available, user's manuals and tutorials provided

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