



RIS

THE SMOOTH RADIOLOGY INFORMATION SYSTEM

*WHO'S NEXT?*





## *THE RIS THAT SIMPLIFIES YOUR WORK*

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The new and easy-to-use interface makes the management of the radiology workflow even more comfortable than ever.

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iQ-RIS enables any hospital radiology, veterinary or human medical imaging center to properly manage their master data as well as to correctly administer their devices, procedures and services.

As an integral system, iQ-RIS covers the whole radiological process from the front desk through the device worklist management to the creation of reports and image management. iQ-RIS offers the most appropriate tools in every case.

iQ-RIS integrates a comprehensive, dynamic and easy-to-use calendar with a similar user interface like pop-

ular electronic calendars, optimized for the management of patient appointments. Among its useful features are several views relating to either time period, devices or modalities, including combinations of them, as well as the Go-to-date function or the possibility to create appointment blocks combining multiple appointments in one step.

The proper management of patient histories, external documents or any patient associated data is crucial for any medical procedure. For this reason, iQ-RIS includes even an electronic medical record system, which allows the accurate man-

agement of any data like patient visits or medications in any audiovisual format. The RIS administrator may add additional required fields individually without the need of further development.

The billing tool includes codes for many countries like United States, Australia, Switzerland and more. However, the flexible multidimensional database can be easily adapted to new requirements. The billing tool offers all required features to write individual invoices and to transfer them on paper or electronically to the insured persons or insurance companies.

Doctors may dictate reports digitally and transmit dictations to local or remote typists, use voice recognition systems in many languages or take advantage of the innovative structured report assistant in iQ-RIS PRO. iQ-RIS supports various report formats like DICOM structured reports, XML reports or reports in a classic Word format. Reports can be either printed, stored on optical media for distribution, optionally faxed or handed over automatically to the iQ-WEBX web portal for an automatic electronic report and study distribution to connected hospitals

or referring physicians. There is an optional tool called Speech Technology Processing (STP)\* to interface with a transcription service provider to outsource the whole transcription and report distribution process. Creating reports has never been that fast and easy!

iQ-RIS can be integrated with most PACS systems available on the market. There is a well-established integration into iQ-SYSTEM PACS where iQ-RIS organizes the workflow and even hanging protocols.

The user management ensures an easy administration of user rights as well as HIPAA compliant access levels.

The database of iQ-RIS comes with an extended structure consisting of three modules for system data, master data and dynamic data. This way, it is now possible to run big multicenter RIS networks with an excellent system performance. Additionally, the system management can be used centralized.

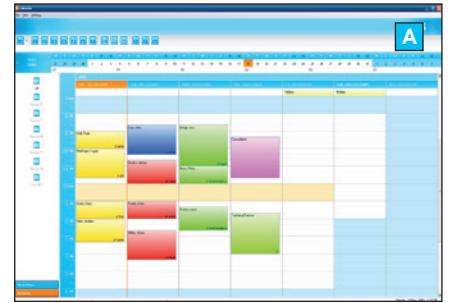
Ask your local authorized dealer for an individual RIS presentation or trial.

## **THE SOLUTION CAN BE SO SIMPLE.**

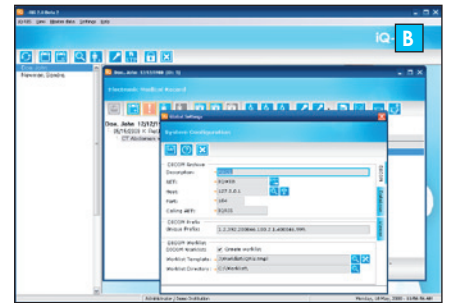


\* A prior and independent subscription to this service is required

# iQ-RIS SCREENSHOTS

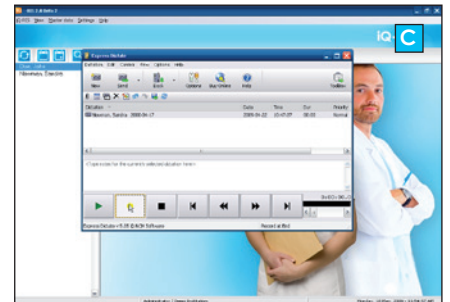


**A** The new scheduler allows an easy and complete overview of the appointments

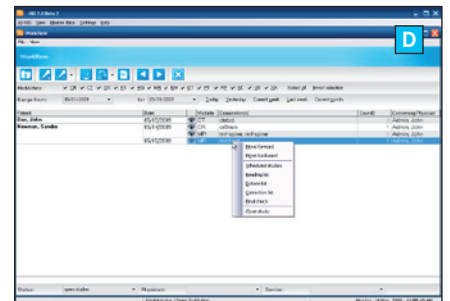


**B** The System Administration tool allows a centralized configuration of the most important settings

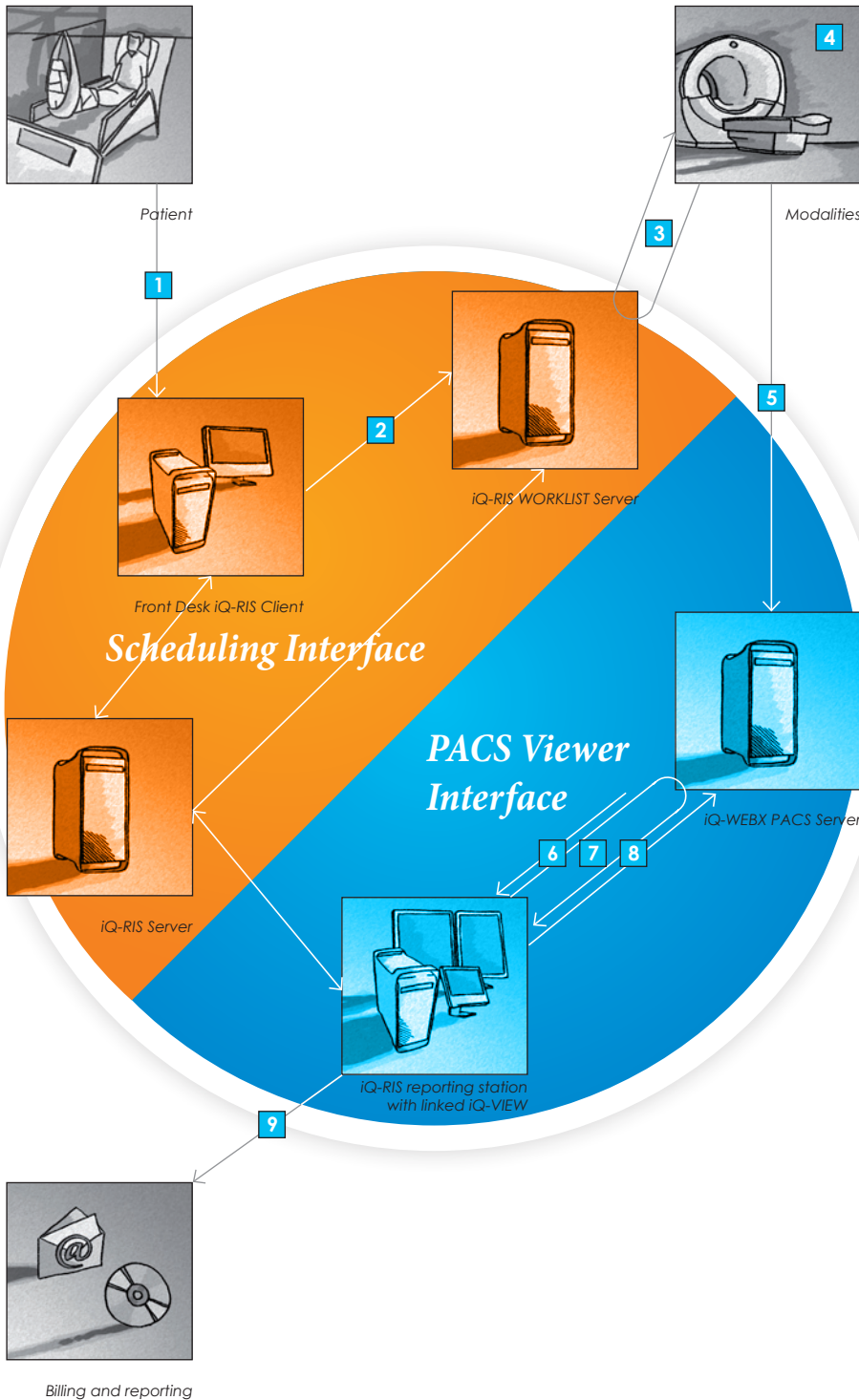
**C** The voice dictation tool is easy to integrate



**D** Customizable workflow management tool



# iQ-RIS WORKFLOW



- 1** The Patient arrives for a previously scheduled appointment
- 2** iQ-RIS sends demographic/study data in several formats to the iQ-RIS WORKLIST Server
- 3** The iQ-RIS WORKLIST Server collects scheduled study data and provides DICOM worklists to the modalities
- 4** The planned studies will be selected and performed at the desired modalities
- 5** Patient demographic study data will be matched with the study image data and stored on the PACS Server (iQ-WEBX)
- 6** The iQ-WEBX Server can forward/fetch images including previous data to the planned reporting/viewing station(s)
- 7** Opening a case on the iQ-RIS report client automatically opens the appropriate studies on the connected iQ-VIEW station
- 8** Send annotated or reconstructed images back to the PACS Server for documentation (iQ-WEBX)
- 9** Close case and generate invoice.

# iQ-RIS FEATURES

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## SCHEDULER

- Management of patients' appointments
- Creation of appointment blocks for the combination of several procedures
- Scheduling of additional office appointments
- Go-to-date function, for the easy finding of appointments
- Customizable views (per time period, devices, modalities, or combinations of them)
- Optimization of the device's workload
- Drag-and-Drop function for visual editing of appointments
- Tool for the preparation of studies

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## FRONT DESK

- Easy registration of new patients and cases
- Direct approval of scheduling data based on appointments
- Various print features (lists, notes, reports, etc...)
- Individual forms e.g. for exam preparation, contrast media etc.
- Direct TWAIN scan interface for any documents

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## WORKFLOW

- Easy to use workflow management tool
- Automatic creation of DICOM worklists for an unlimited number of devices
- Individually configurable device, modality and study status lists
- Process and study documentation

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## REPORTING

- Manual report writing and editing
- Optional digital voice dictation for local or remote transcription
- Optional voice recognition in most languages (language list on request)
- Reports as DICOM Structured Reports, Word or XML Reports
- iQ-RIS controlled opening of studies in iQ-VIEW/PRO and iQ-WEBX (other compatible viewers upon request)
- Optional outsourced transcription and report workflow using Speech Technology Processing

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## TYPIST

- Optional digital dictation system and transmission to local or remote typists connected by speech files, ftp or email
- Support for Express Scribe foot pedals
- Microsoft® Office Word integration

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## BILLING

- Support of tariffs and billing codes of many countries
- Coding schemes separated to tariffs, chapters, codes, valuations
- Fixed and macro calculated billing values
- Billing rules and regulations
- Standard and individual billing
- Issue of invoices in print or digital form (XML)

# iQ-RIS FEATURES

## MASTER DATA

- Centralized Institution's management
- Powerful centralized management of user profiles
- Management of referring physicians
- DICOM administration tool
- Device management tool, Procedure management tool
- Billing code management
- Health Insurance management tool

## ELECTRONIC MEDICAL RECORD

- Index card for simplified record tracking
- Support of cave entries
- Diagnosis entries and classification based on ICD 9 or 10
- Individual categorized text notes
- Multimedia document management system including dictates
- Drag and Drop hyperlinks
- Direct access to any studies and reports
- Radiation exposure monitoring journal
- Simple material management support

## COMMUNICATION

- DICOM WORKLIST Server for an unlimited number of nodes
- Optional HL7 module , Optional Digital report fax

## DATABASE

- Separated databases for system, master and dynamic data
- XML based script language for individual database extensions
- User defined input fields, Individual code based lookup boxes
- Central patient data storage and user access management (IHE, HIPAA)
- Ready for multicenter use

## LANGUAGES

- English, French, German, Spanish

## LICENSE MANAGEMENT

- Per server (5 clients included)
- Optional package for 5 additional clients

## CERTIFICATION

- CE class I

# iQ-RIS PRO FEATURES

IN ADDITION TO iQ-RIS FEATURES

## REPORTING

- Creation and modification of text templates
- Context sensitive report macros

## COMMUNICATION

- DICOM pre-fetching
- DICOM C-MOVE

New features of the new iQ-RIS 2.0

# SYSTEM REQUIREMENTS

	SERVER MINIMUM	SERVER RECOM.	CLIENT MINIMUM	CLIENT RECOM.
<b>OS:</b>	Windows 2000 Server, 2003 Server, XP PRO	Windows 2003 Server	Windows 2000, XP PRO, Vista	Windows XP PRO
<b>CPU:</b>	Pentium, 1 GHz	Pentium, 2 GHz	Pentium, 1 GHz	Pentium, 1,5 GHz
<b>RAM:</b>	256 MB	512 MB	256 MB	512 MB
<b>HDD:</b>	80 GB NTFS	RAID > 160 GB NTFS	10 GB	80 GB
<b>Network:</b>	10 Mbit/s	100 Mbit/s	1 Mbit/s	100 Mbit/s
<b>Graphics:</b>	16 bit color output	32 bit color output	24 bit color output	32 bit color output
<b>Display:</b>	1024 x 768 pixel	1024 x 768 pixel or more	1024 x 768 pixel	1280 x 800 pixel or more
<b>Database:</b>	Postgre SQL 8.2	Postgre SQL 8.2		
<b>iQ-VIEW:</b>			Version 2.5.0	Version 2.5.0 or higher
<b>MS Word:</b>			Version 2000 Macro security level-low	Version 2000 or higher Macro security level-low
<b>Hardware:</b>		Dell hardware		Dell hardware

## OUR SOLUTIONS FOR YOUR IMAGING NEEDS

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

