iQ

RIS
THE SMOOTH RADIOLOGY INFORMATION SYSTEM

WHO'S NEXT?

THE RIS THAT SIMPLIFIES YOUR WORK

Its user-friendliness and amazing speed make
managing the radiology workflow more efficient than ever.

iQ-RIS enables any hospital radiology or imaging center to properly manage its master data as well as to correctly administer its devices, procedures and services. Being a true multisite RIS, it can even be used across several facilities.

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 contains a comprehensive, dynamic and easy-to-use calendar optimized for the management of patient appointments.

The proper management of patient histories, external documents or any patient associated data can easily be done with the included electronic medical record system. It allows the accurate storage of any data like patient visits or medications in any audiovisual format.

Doctors may dictate reports digitally and transmit dictations to local or remote typists, use voice recognition systems or benefit from the innovative structured report assistant. iQ-RIS supports various report formats like DICOM structured reports, PDF or the classic MS Office Word format. Reports can be printed, stored on op-

tical media, faxed or automatically handed over to the iQ-WEBX web portal for the computerized distribution to connected hospitals or referring physicians.

There is also 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!

The billing tool supports codes and specific invoicing requirements for the United States, Australia, Switzerland and numerous other countries.

* A prior and independent subscription to this service is required

The incredibly fast and flexible multi-dimensional database can easily be 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.

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

The user management ensures easy administration of user rights as well as HIPAA compliant access levels. The iQ-RIS database comes with an extended structure consisting of three modules for system data, master data and dynamic data. It is possible to define specific facility access and therefore ideal to run big multicenter RIS networks with an excellent system performance.

THE SOLUTION CAN BE SO SIMPLE.
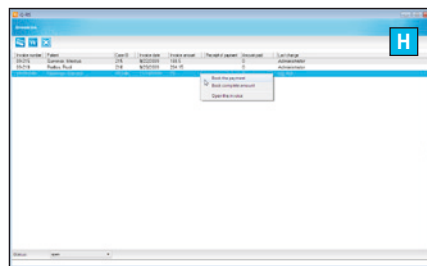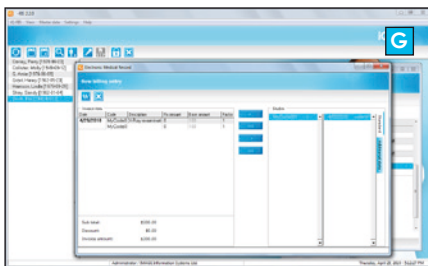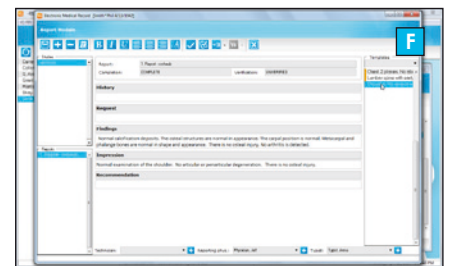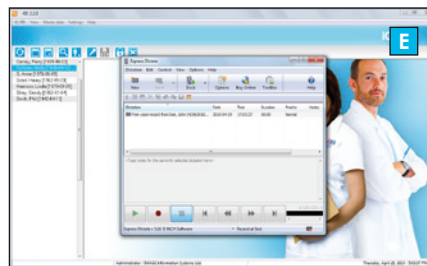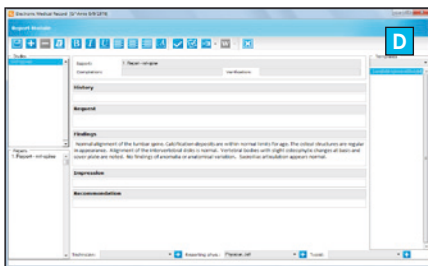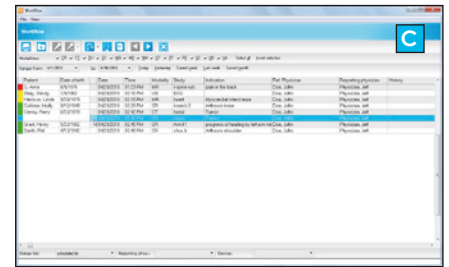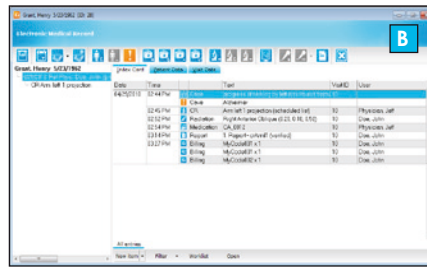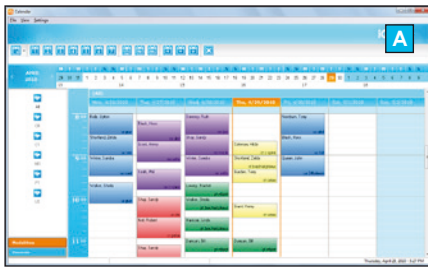
A The scheduler allows an easy and complete overview of appointments. It offers various views relating to either time frame, devices or modalities - including combinations of them - as well as appointment printing.

B All kinds of information like text entries, links to related files, patient visits or billing information, is contained in the EMR (electronic medical record).

C The operator workflow list displays all important information at first glance (e.g. waiting time, indication, referring physician, cave and history).

D The report module supports various report formats like DICOM structured reports, XML reports or reports in the classic Word format.

E The optional dictation module enables remote transcription via direct transmission, ftp or email and supports various dictation devices, e.g. Philips Speech Mike.

F The completion and validation of reports is simple and compliant to the DICOM standard.

G The unique billing module can be adapted to the particular requirements of any country using tariffs and scripts.

H A separate invoice manager shows received and outstanding payments.

iQ-RIS WORKFLOW
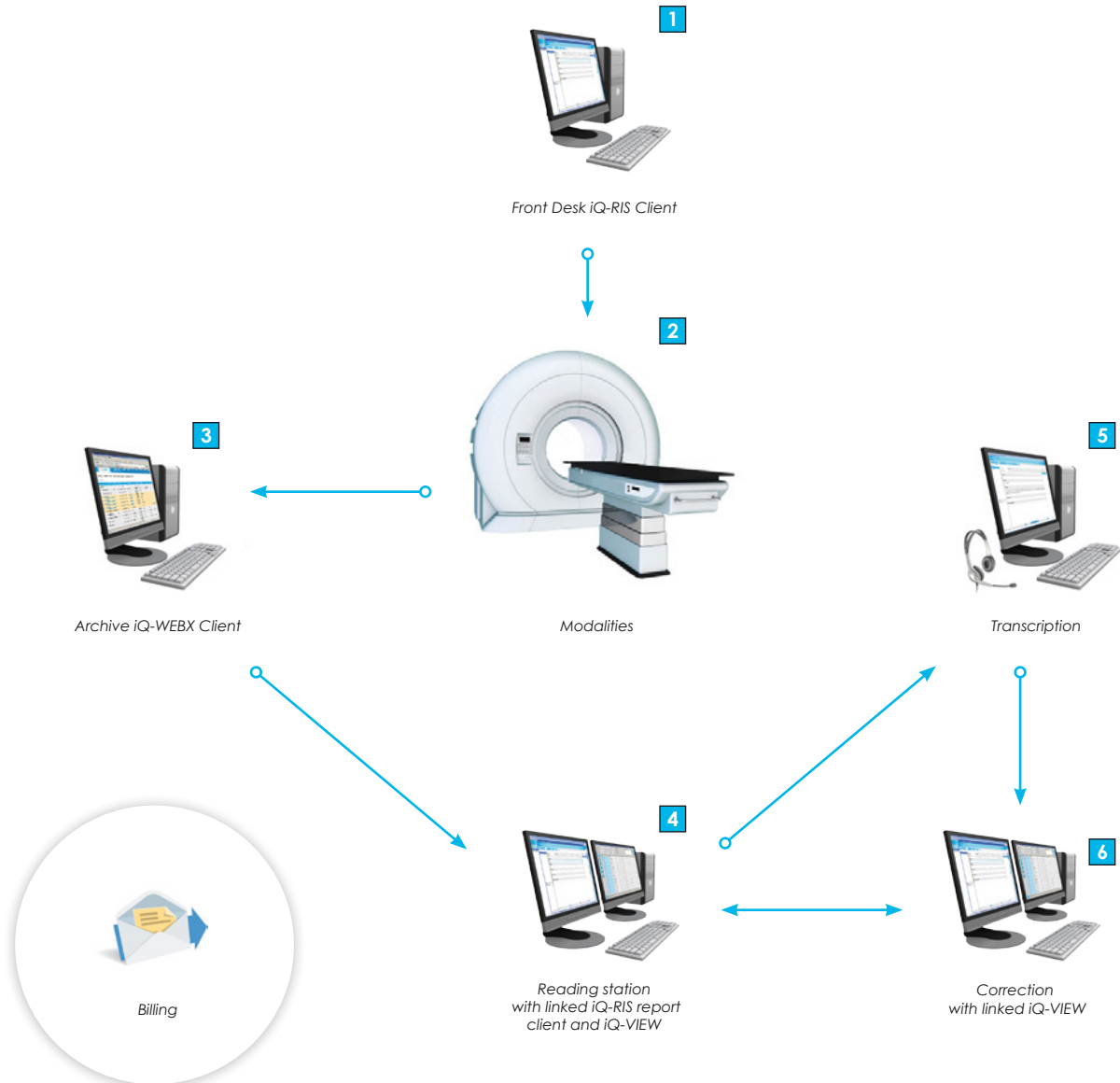
1 Patient arrives

Acquisition of patient data in iQ-RIS, automatic generation of the respective worklist

2 Patient is examined

Modality sends study to iQ-WEBX (PACS); examination is marked as complete in iQ-RIS client

3 Patient data is stored in archive

iQ-WEBX stores studies

4 Image data is sent to viewing stations

iQ-RIS automatically opens appropriate studies on iQ-VIEW station

5 Report is transcribed, if desired

Support of online transcription, remote transcription and transcription service providers

6 Report is corrected

Written report can be corrected and validated with iQ-RIS, if applicable

Billing

Study can be invoiced in iQ-RIS at any point of the workflow

SCHEDULER/ WORKFLOW

- Creation and management of single and grouped appointments
- Go-to-date function to easily find appointments
- Customizable views (time frame, devices, modalities or combinations of them)
- Drag-and-drop function for visual editing of appointments
- Creation/alteration of study data from scheduled data
- Various print options: any lists, individual appointments, workflow lists (NEW!)
- Easy to use workflow management tool with all relevant information visible at first sight (e.g. waiting time, indication, referring physician, cave, guardian) (NEW!)
- Automatic creation of DICOM worklists for an unlimited number of devices
- Individually configurable device, modality and study status lists

EMR

- Index card system for quick and easy record tracking
- Unlimited number of user defined filters (max 5 for simultaneous viewing) (NEW!)
- Support of cave and medication entries
- Individual categorized text notes and hyperlinks
- Drag & drop import of multimedia documents and folders (NEW!)
- Direct scan of any document to EMR (via TWAIN)
- Radiation exposure and material monitoring journal
- Assignment of responsible person / guardian (NEW!)
- Display of pregnancy and allergy status

REPORTING

- Creating MS Office Word reports or PDF reports (NEW!)
- Sending reports as DICOM Structured Reports or as DICOM encapsulated PDF reports to PACS (NEW!)
- iQ-RIS controlled opening of studies in iQ-VIEW/PRO and iQ-WEBX (other compatible viewers upon request)
- User or workstation-based configuration of viewer (NEW!)
- Manual report writing and editing
- Optional voice recognition in most languages (language list upon request)
- Optional digital dictation system and transmission to local or remote typists connected by speech files, ftp or email
- Express Scribe support for foot pedals
- Optional outsourced transcription and report workflow using Speech Technology Processing

BILLING

- Support of tariffs and billing codes of various countries
- Fixed and macro calculated billing values
- Standard and individual billing
- Invoices issued digitally (XML- based) or on paper using MS Office Word
- Management of received payments

New features of the new iQ-RIS 2.2

iQ-RIS FEATURES

MASTER DATA
- Centralized DICOM nodes, institution's, user profile and referring physician's management for multiple sites
- Management of modality, localization, procedure, body part, device and medication
- Password-secured user rights, optional group rights
- Tariff manager, health insurance and code schemes tool

COMMUNICATION
- Integrated DICOM WORKLIST server for an unlimited number of nodes
- Optional bidirectional HL7 module for easy HIS integration

DATABASE
- Performant support of 100 million procedures
- Up to 100 times faster than the previous version 2.1 (NEW!)
- True multisite RIS database with defined access to system, master and dynamic data
- Module for extensive data import (XML based)
- Easy to configure user defined input fields
- Central user access management (IHE, HIPAA)

LANGUAGES
- English, German, Spanish, French (NEW!)

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 templates based on body part, procedure, reporting physician and modality

COMMUNICATION
- DICOM C-MOVE

New features of the new iQ-RIS 2.2

HARDWARE & SOFTWARE REQUIREMENTS

	SERVER MINIMUM	SERVER RECOM.	CLIENT MINIMUM	CLIENT RECOM.
OS:	Windows 2003 Server, XP PRO	Windows 2003 Server	Windows XP PRO, Vista, 7 PRO 32 bit	Windows XP PRO
CPU:	Pentium, 1 GHz	Pentium, 2 GHz	Pentium, 1 GHz	Pentium, 1,5 GHz
RAM:	1024 MB	2048 MB	512 MB	1024 MB
HDD:	80 GB NTFS	RAID > 160 GB NTFS	10 GB	80 GB
Network:	10 Mbit/s	100 Mbit/s	1 Mbit/s	100 Mbit/s
Graphics:	16 bit color output	24 bit color output	16 bit color output	24 bit color output
Display:	1280 x 800 pixel	1440 x 900 pixel or more	1280 x 800 pixel	1440 x 900 pixel or more
Database:	Postgre SQL 8.2.14	Postgre SQL 8.2.14		
iQ-VIEW:			Version 2.5.0	Version 2.7.0
MS Word:			Version 2000 Macro security level-low	Version 2007 Macro security level-low
Hardware:		Dell hardware		Dell hardware

OUR PRODUCTS FOR YOUR IMAGING NEEDS

iQ-SYSTEM PACS   The full featured, reliable and affordable PACS
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