



**VIEW®**  
THE RADIOLOGY READING STATION

## SYSTEM REQUIREMENTS

	MINIMUM	RECOMMENDED
<b>OS:</b>	Windows 2000, XP or Vista	Windows XP Professional
<b>CPU:</b>	Pentium 1 GHz (1,5 GHz for cardiology)	Pentium 2 GHz
<b>RAM:</b>	256 MB RAM (2 GB RAM for cardiology)	1024 MB RAM (2 GB RAM for cardiology)
<b>HDD:</b>	2 GB free hard disc space	20-500 GB free hard disc space
<b>LAN:</b>	10 MBit network adapter	100 MBit network adapter
<b>Graphics:</b>	24 bit color or 8 bit gray output	24 bit color or 12 bit gray output
<b>Display:</b>	1024x768 pixel	1280x1024 pixel or more iQ-DISPLAYS
<b>Peripherals:</b>	CD-ROM drive	Scroll mouse CD or DVD writer PostScript Printer
<b>Hardware:</b>		Dell hardware

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# SIMPLIFY YOUR READINGS



## OUR SOLUTIONS FOR YOUR IMAGING NEEDS

- iQ-VIEW®** The radiology reading station
- iQ-VIEW® 3D** 3D post-processing workstation
- iQ-CAPTURE** Add-on hardware module for capturing images from analog video sources
- iQ-WEBX** DICOM server for storage, teleradiology and image distribution
- iQ-HIS/RIS CLIENT** Simplifying the workflow
- 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-NUC** Simple nuclear PACS integration
- iQ-RIS** The RIS that simplifies your work
- iQ-DISPLAYS** Medical diagnostic monitors
- iQ-CR ACE** Efficiency in CR
- DICOMReader** Read any DICOM CD into your PACS
- OrthoView™** Add-on module for orthopedic templating and trauma planning





## iQ-VIEW® – THE RADIOLOGY READING STATION

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The most important factor for all physicians who have to read imaging studies frequently is selecting the appropriate reading station.

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The perfect reading station needs to be easy to use and fast.

iQ-VIEW® is an easy-to-use reading station that is designed by radiologists for radiologists.

The software is available in two different versions: BASIC and PRO. The BASIC version was developed as a reading station for all physicians such as orthopedic surgeons, chiropractors, veterinarians and internal specialists, while iQ-VIEW® PRO is optimized for radiology and nuclear medicine requirements.

Due to its special software design iQ-VIEW® is very fast. All image processing tools can easily be accessed both by selecting buttons or menu items and even by using shortcuts. An automatic tiling function arranges imaging studies on the screen without any user interaction. The PRO version additionally includes a Hanging Protocol tool which allows the creation of individually customizable hanging protocols. As a result, studies and images can be loaded automatically as the radiologist wishes to read them.

On a system with an iQ-GRAFIX hardware graphics

accelerator iQ-VIEW® PRO can manage any display resolution up to 5 MP on dual monitor systems with a high performance. iQ-VIEW® PRO is also the world's first full 12bit image processing solution. The viewer can display images with their full gray depth up to 4096 shades when using iQ-DISPLAYS.

iQ-VIEW® can be integrated into virtually any RIS, EMR or HIS available on today's market. Smoothly integrated modules for 3D post-processing, nuclear medicine, orthopedic templating, image stitching and more equip specialty readers with required tools.

iQ-VIEW® is a powerful reading station, but it also includes many additional useful features. It can be used to read reports, to write imaging data and reports on CDs, DVDs or memory sticks, to print on Windows® laser printers or DICOM medical imagers, to email any study to a colleague – even in diagnostic quality, or to attach scanned documents to a study.

iQ-VIEW® PRO can also work as an image acquisition station by importing images from scanners, directories and portable media, including options for patient reconciliation. iQ-VIEW® may be used as a manual radiological CD burning station or as a teleradiology station. Encrypted DICOM Email makes it possible: ask any colleague anywhere in the world for a second opinion by just doing two mouse-clicks! This new technology offers easy information exchange among colleagues by email.

Of course, iQ-VIEW® is compliant to all applicable standards such as DICOM, IHE, CE, FDA 510(k). The application is compatible to virtually all medical imaging DICOM devices on the market, independent from their manufacturer.

iQ-VIEW® is further the first viewer worldwide that received the DICOM-CD certificate of the German Radiological Society, which guarantees that portable media created with iQ-VIEW® fulfill the requirements for DICOM media and are compatible to any computer fulfilling the minimum requirements.

Continuous improvements to the software combined with intensive testing in IMAGE Information Systems' quality assurance labs guarantee that iQ-VIEW®'s high level of stability is maintained.

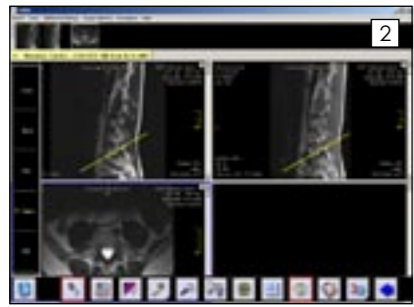


Low maintenance costs ensure the quick amortization of your investment.

A worldwide network of manufacturer-trained service engineers guarantees a running reading solution around the clock.



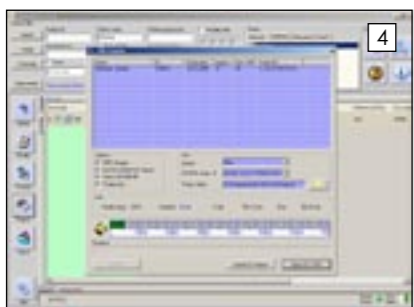
1 The Study Browser gives a clear overview of all your imaging data including reports. A patient root view will already sort automatically all available studies according to patients.



2 All image processing tools can be accessed either by selecting buttons or menu items or even by using shortcuts. For an easy orientation within a series the user-friendly viewer offers several scout-pilot tools, such as the lines mode and the 3D position display.



3 iQ-VIEW® can be used as a printing station: the powerful print manager allows for a flexible optimization of the printouts.

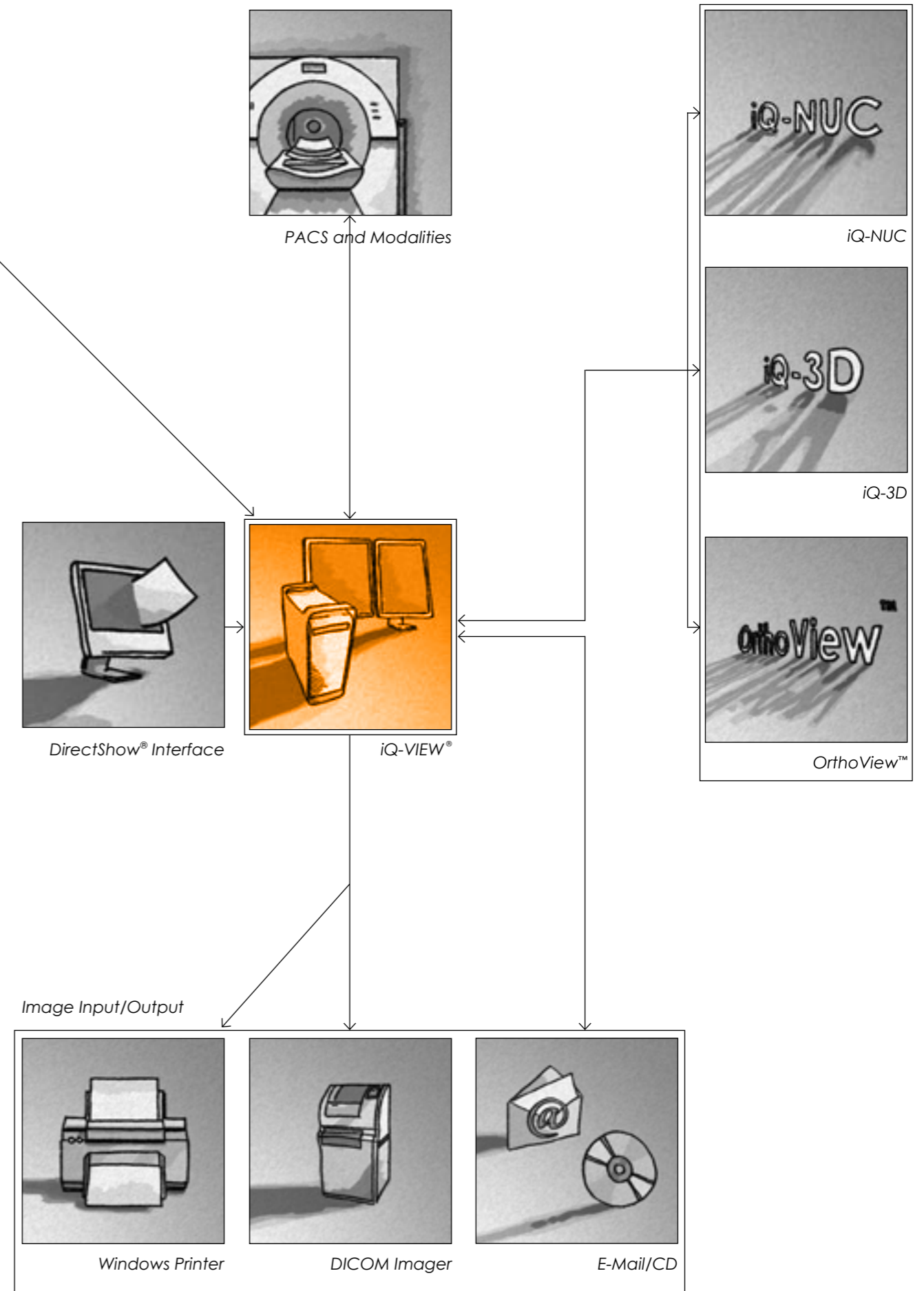
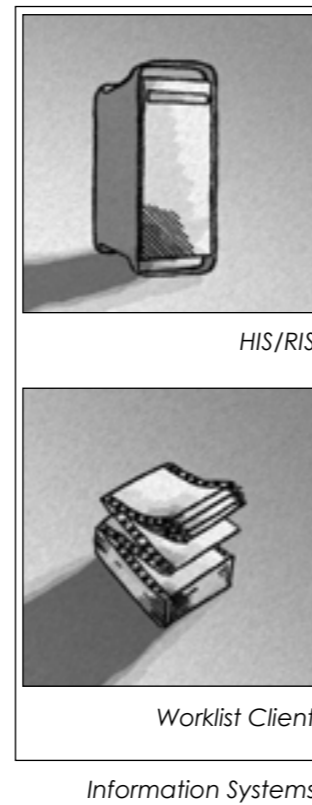


4 Individual and multiple studies and series can be exported to CD, DVD or memory stick, all including an iQ-LITE CD viewer. Export to DICOM email, to directories and different file formats is also possible.



5 The import module is a comprehensive tool for the acquisition of images from sources such as scanners, capture devices, cameras, microscopes or file directories and their conversion to DICOM.

iQ-VIEW® puts you as the reading physician at the heart of all diagnostic processes: Receive studies from all modalities in your reading station, be connected with your colleagues and referring physicians via DICOM or DICOM email, easily run iQ-VIEW® integrated with your RIS, and even use specialty tools for 3D post-processing, orthopaedic templating, nuclear medicine or stitching closely interfaced with your viewer.



## iQ-VIEW® FEATURES

### VIEWER

- Image processing
- Measurements (including modify, delete, Cobb angle, round ROI)
- Multimonitor support
- Stack mode/ Cine mode
- Comparison of multiple studies
- AVI export
- Annotation of images (basic)
- Creation of shortcuts
- Optional 3D post-processing add-on module (iQ-3D)
- Optional simple nuclear PACS integration (iQ-NUC)
- Optional orthopedic templating module (OrthoView™)
- Optional image stitching software (iQ-STITCH) (in preparation)

### COMMUNICATION

- DICOM Query/Retrieve
- DICOM Print Client
- DICOM Email
- Supports JPEG, JPEG 2000 compression
- HIS/RIS Interface (API, GDT/BDT) (others on request)

### IMPORT

- TWAIN interface (scanner, video capture and CR)
- Drop box interface
- Image file import
- Patient CD import

### EXPORT

- Patient CD, DVD, memory stick
- Windows Print
- Image export to file (including measurements, windowing, color remapping, annotations and more)

### STUDY BROWSER

- Study table
- Thumbnail preview
- Virtual patient root model

### DATABASE

- Extended local archive (in preparation)

### DOCUMENTATION

- Creation of short reports, display of Structured Reports

### LANGUAGES

- English, French, Finnish, German, Italian, Japanese, Portuguese (PT, BR), Polish, Russian, Serbian, Spanish

### CERTIFICATION

- CE 0482 / FDA 510(k)

## iQ-VIEW® PRO FEATURES

### ADDITIONAL TO iQ-VIEW® FEATURES

### VIEWER

- Hanging Protocols
- Annotation of images (enhanced)

### COMMUNICATION

- DICOM Worklist Client

### IMPORT

- Video capture interface (DirectShow®)\*
- Foot switch support



\* We recommend the iQ-CAPTURE hardware package for an efficient and guaranteed use. It includes a frame grabber card and a foot switch.