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# DICOMReader

READ ANY DICOM CD INTO YOUR PACS!

## SYSTEM REQUIREMENTS

	MINIMUM	RECOMMENDED
<b>Operating System:</b>	Windows 2000, XP	Windows XP Professional
<b>CPU:</b>	Pentium 500 MHz	Pentium 2 GHz
<b>Memory:</b>	128 MB RAM	512 MB RAM
<b>Harddisk</b>	5 GB of empty hard disk space	20 GB of empty hard disk space
<b>Network:</b>	10 MBit network adapter	100 MBit network adapter
<b>Peripherals:</b>	CD drive	Fast CD or DVD drive
<b>Hardware:</b>		Dell Hardware



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# MAXIMUM COMPATIBILITY FROM THE MARKET LEADER



## OUR SOLUTIONS FOR YOUR IMAGING NEEDS

- iQ-VIEW®** An easy-to-use DICOM image viewer
- iQ-VIEW® 3D** 3D post-processing workstation
- iQ-CAPTURE** Add-on module for capturing images from analog video sources
- iQ-WEBX** DICOM server for storage, teleradiology and image distribution
- iQ-RIS** The RIS that simplifies your work
- iQ-WORKLIST** DICOM worklist server optimizing your workflow
- iQ-ROUTER** Image compression for teleradiology and workflow management
- iQ-PRINT** DICOM paper print server
- iQ-ROBOT** Automatic burning and labeling of patient CDs and DVDs
- iQ-NUC** Simple nuclear PACS integration
- DICOMReader** Read any DICOM CD into your PACS!
- OrthoView™** Add-on module for orthopedic templating and trauma planning



# A CONTINUOUSLY INCREASING NUMBER OF PATIENTS ARE TAKING THEIR

... previous radiological images digitally on CD, DVD or memory stick when they present to hospitals, clinics or doctor's offices for further examination and treatment.

Such media frequently cause significant problems when being read-into existing viewing systems or when being compared to PACS radiological examinations. In addition to this, the use of other viewers is often a complicated process.

*The DICOMReader extremely simplifies the handling of patient CDs.*

Installing the DICOMReader at the reception of a medical facility allows the support personnel the ability to read-in any medical image CD and transfer the patient studies via the network directly to the relevant viewing station or the PACS. This process allows examinations from external sources to semi-automatically adopt the numbering system of your RIS-PACS, therefor making them available for viewing and comparison with the PACS examinations.

*The DICOMReader 3.5 achieves the highest worldwide read-in rate of medical CDs into any PACS.*

Any removable data carrier like CD-ROMs, DVDs or memory sticks, inserted into the computer will be scanned automatically for available medical images. At the same time the auto-start of software that may be included on the medium is prevented. All detected images are then analyzed and if necessary they are automatically converted into a format that your PACS can process. For high data volumes a parallel handling (multi-threading) of the scan and transfer processes is possible, allowing the user to read-in several media simultaneously from different drives.

*The DICOMReader has received several awards from various radiological societies for its user-friendliness, data integrity and security.*

Numerous hospitals, clinics and doctor's offices have relied on the market leader for years. They are holding in their hands a powerful tool that is continuously enhanced and improved through mutual collaboration.

*A free trial version of DICOMReader/PRO 3.5 is available for download at [www.dicomreader.com](http://www.dicomreader.com) and can easily be set up by your administrator or a local reseller.*



## DICOMReader FEATURES

### IMPORT

- Easy import of external patient CD/DVD media by:
- Completely automatic media scan or manual scan of directories
- Optimized use of screen display by minimization of the icon to the system tray bar

### COMPATIBILITY

- Support of lossy and lossless JPEG, JPEG 2000 and RLE compressed encoding as well as fully automatic compression
- Manual assignment of own accession numbers and IDs to read-in exams for reliable retrieval

### WORKFLOW

- Acceleration of the HIS/RIS workflow by:
- Configuration of an unlimited number of DICOM destinations, also by defining rules
- Automatic sending of images to a standard destination (Automatic creation of accession numbers)

### SECURITY/PRIVACY

- Optional anonymization of DICOM patient data for usage in multi-center studies
- Password protection of configuration parameters (Enhanced logging features of all actions)

### CERTIFICATION

- CE 0482

## DICOMReader PRO FEATURES

IN ADDITION TO DICOMReader FEATURES

### IMPORT

- Easy import of external patient CD/DVD media by:
- Intuitive tree-based selection process of studies, series or images

### WORKFLOW

- Acceleration of the HIS/RIS workflow by:
- Assignment of exam and patient data by Worklist and PACS query
- Automatic matching of patient data between PACS and the data carrier according to demographic data (NEW!)
- Automatic modification of DICOM tags

### SECURITY/PRIVACY

- Verification of demographic data with existing PACS data while reading
- Consistent documentation of all applied changes in DICOM tags
- Legal disclaimer for external data optionally burned onto each image or added as first image of a series (NEW!)