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# DICOMReader

READING PORTABLE DICOM MEDIA INTO ANY PACS

WORKING  
**9** TIMES  
FASTER  
THAN V4.0

*FAST...  
FASTER...  
DICOMREADER*



VERSION 5.0

# *ACHIEVING THE HIGHEST COMPATIBILITY*

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DICOMReader can automatically read in virtually any medical imaging data, including various proprietary formats, DICOM dialects and even future DICOM formats.

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Since most imaging centers and hospitals are forced to keep costs low and performance high these days, it is of great importance that the imaging workflow - including the importing of external patient data and its distribution inside and outside of the organization - runs quickly and smoothly.

A prerequisite of this smooth workflow is to create universally compatible formats that can be read by every PACS. In the real world, no PACS can easily import every type of medical image. Imaging specialists often have to deal with proprietary formats, incomplete studies or inconsistent images, and even with the fact that the DICOM format itself is in continuous development.

DICOMReader 5.0 puts an end to those compatibility issues. Being a powerful tool which ensures full readability of all medi-

cal image formats, it allows for the importing of any medical images into every PACS. And the best thing is: DICOMReader 5.0 is up to 9 times faster than its predecessor.

To get the most benefit out of the workflow, it is highly recommended that DICOMReader is installed at the front desk. By delegating the data administration, valuable time can be saved by physicians while patient studies are automatically read from the portable media into any PACS. Now, physicians will find all external patient studies available for immediate access in their PACS or preferred viewer.

DICOMReader recognizes and imports all medical image files stored on a patient's media and, if necessary, converts them into a format that can be read by the locally installed PACS. In the process, it can even adopt patient information from the local RIS/PACS to match external studies with internal data. In addition, DICOMReader supports all of the 119 modalities defined in the DICOM Standard!

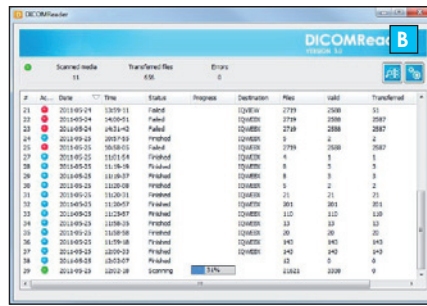
By using DICOMReader 5.0 physicians can save time and rely on consistent data that can be effortlessly forwarded to other colleagues for second opinions.

Come and explore the new DICOMReader for yourself. Visit [www.dicomreader.com](http://www.dicomreader.com) to download your free 30-day trial version.

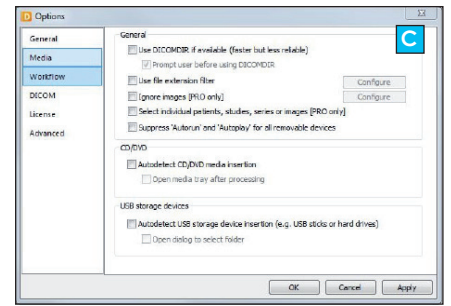
# DICOMReader SCREENSHOTS



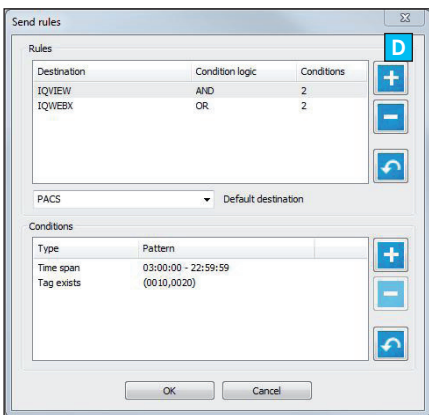
**A** Splash screen



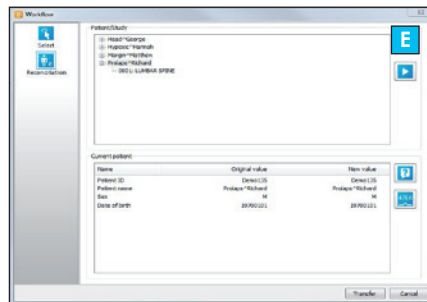
**B** Comprehensive overview and status of reading jobs



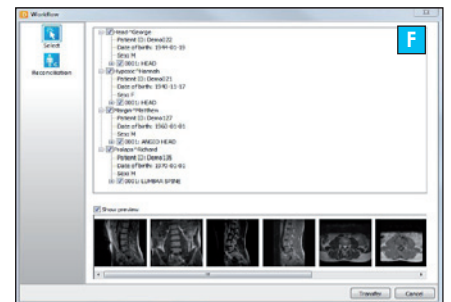
**C** Media tab under Options dialog for individual adjustment



**D** User-friendly configuration of rule-based automatic transmission to various recipients



**E** Reconciliation screen - reliable assignment of external studies to local patient information (PRO version)



**F** Tree-based view for easy selection of studies, series or images to be imported (PRO version)

**THE SOLUTION  
CAN BE SO SIMPLE**

# DICOMReader FEATURES

## IMPORT

Easy import of external patient CD/ DVD/ USB media by:

- CD/DVD media detection
- USB media detection
- Completely automatic media scan or manual scan of directories
- Suppression of Autoplay for other content on the media
- Minimization of DICOMReader to the system tray for optimized use of the display

## COMPATIBILITY

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

## WORKFLOW

Features for accelerating the HIS/RIS workflow:

- Rule creation for automatically transmitting images to an unlimited number of DICOM destinations
- Automatic sending of images to a standard destination (Automatic creation of accession numbers)
- Extension of patient/study/attributes anonymization profile
- Database to store media imports/exports
- User-defined status monitor
- Enhanced workflow windows
- Modification of patient demographics at different levels (patient or study)
- Alteration of study date and time (also for PACS and worklist queries)
- Possible assignment of same accession number to all studies of a particular patient on a medium

## SECURITY/PRIVACY

- Comprehensive, configurable log system with flexible password protection (Enhanced logging features for all actions)
- Optional anonymization of DICOM patient data for usage in multi-center studies
- Improved logging feature with rolling log (min size vs. max size) (NEW!)

## LANGUAGES

- English, German, Spanish, Japanese (others in preparation)
- Worldwide character set support (including Unicode)

## CERTIFICATION

- CE

# DICOMReader PRO FEATURES

IN ADDITION TO DICOMReader FEATURES

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## IMPORT

Easy import of external patient CD/DVD media by:

- Intuitive tree-based selection of studies, series, or images for easy import of external patient media

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## WORKFLOW

Features for accelerating the HIS/RIS workflow:

- Assignment of exam and patient data by Worklist and PACS query
- Automatic matching of patient data between PACS worklist server and data carrier
- Rule-based automatic modification of DICOM tags

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## SECURITY/PRIVACY

- Verification of patient data with existing PACS data while importing
- Consistent documentation of all applied changes in DICOM tags
- Legal disclaimer for external data optionally burned onto each image or added as the first image of a series



# SYSTEM REQUIREMENTS

## HARDWARE & SOFTWARE REQUIREMENTS

	MINIMUM	RECOMMENDED
<b>OS:</b>	Windows XP	Windows XP Professional, Vista, Windows 7, Windows 7 Professional 32 or 64 bit
<b>CPU:</b>	Pentium III, 1 GHz	Pentium 4, 2 GHz
<b>RAM:</b>	512 MB RAM	2 GB RAM
<b>HDD:</b>	5 GB of empty hard disc space	20 GB of empty hard disc space
<b>LAN:</b>	10 Mbit/s network adapter	100 Mbit/s network adapter
<b>Peripherals:</b>	CD drive	Fast CD or DVD drive
<b>Hardware:</b>		Dell hardware

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## OUR PRODUCTS FOR YOUR IMAGING NEEDS



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IMAGE INFORMATION SYSTEMS LTD.

OFFICE 404, 4TH FLOOR | ALBANY HOUSE | 324/326 REGENT STREET | LONDON W1B 3HH | UNITED KINGDOM

TEL. UK: +44 207 193 06 20 | TEL. GER: +49 381 496 5820 | TEL. US: +1 704 323 6663

FAX UK: +44 207 976 48 97 | FAX GER: +49 381 496 582 99 | FAX US: +1 704 945 7101

WWW.IMAGE-SYSTEMS.BIZ | INFO@IMAGE-SYSTEMS.BIZ