



# *meddix DICOMREADER*

*READ ANY DICOM CD INTO YOUR PACS*



## *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, therefore making them

available for viewing and comparison with the PACS examinations. The DICOMReader 3.5 achieves the highest world-wide 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 is available and can easily be set up by your administrator or a local reseller.

### 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 and JPEG 2000 as well as lossless RLE compressed encoding and 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

## SYSTEM REQUIREMENTS

|                    | MINIMUM                       | EMPFOHLEN                      |
|--------------------|-------------------------------|--------------------------------|
| <b>OS:</b>         | Windows 2000, XP              | Windows XP Professional        |
| <b>CPU:</b>        | Pentium, 500 MHz              | Pentium, 2 GHz                 |
| <b>RAM:</b>        | 128 MB RAM                    | 512 MB 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           |



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