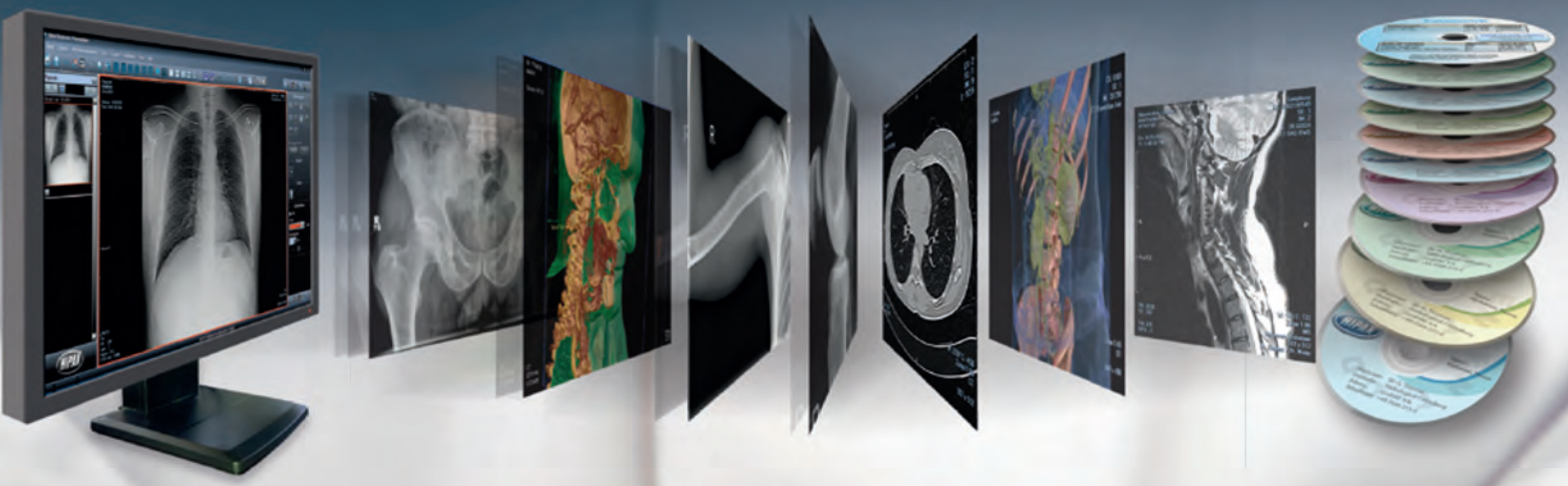
GRAUPNER®
medical solutions

DigiMan® Future ROBOT MANAGER

Burning Media Automatically



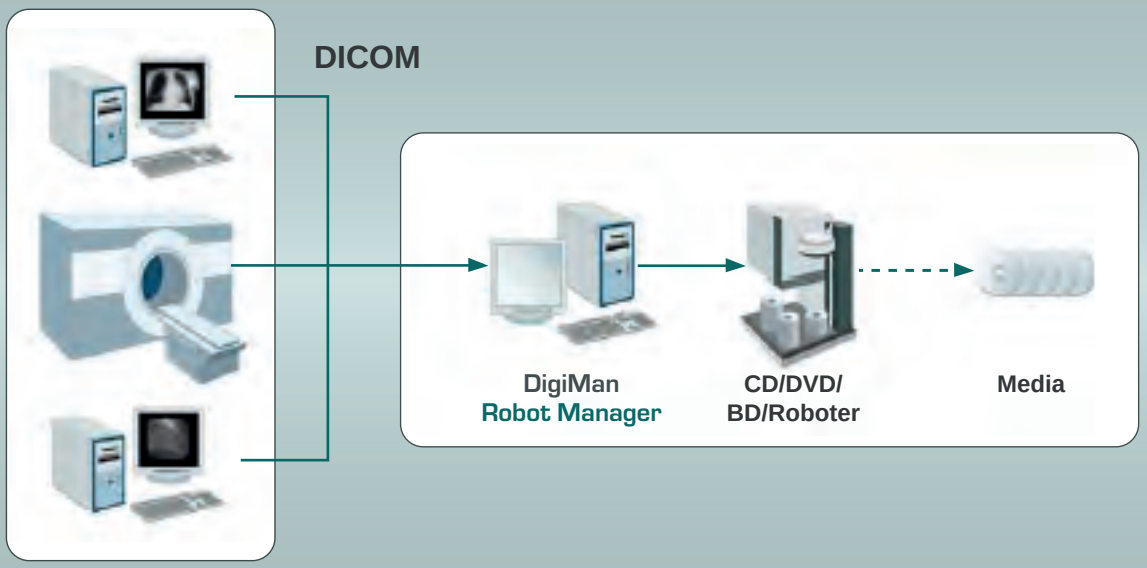
DigiMan Future® ROBOT MANAGER

Concept

DigiMan Robot Manager is able to receive medical data and to create DICOM conform media. The CDs, DVDs or BDs can be burned fully automatically using a suitable CD/DVD/BD robot. The individually designed label is printed automatically by the printer in the robot. You get a multimedia disk fulfilling the various demands of your medical practice or hospital as well as the strict requirements for a DICOM conform patient medium:

- Patient CD to be handed out to the patient or referring physician
- Multi patient medium for consistency tests by associations of statutory health insurance physicians
- Backup medium

DigiMan Robot Manager receives the images from the modalities or workstations by TCP/IP DICOM. Furthermore, results in DICOM SR format can be queried from a PACS and added to the medium.
The stack of blank media can be inserted into input tray of the robot. The robot takes the media one by one, burns the data, prints the label and moves the finished media into the collection tray.



A client (web) user interface enables users from any computer within a network to check the status of the DigiMan Robot Manager and of current burning jobs.
The powerful DigiMan Patient CD Viewer is added to each medium. It provides tools for image processing, for example, zoom, rotation and mirror, Windows print. The images can be viewed on any standard PC.
DigiMan media contain a DICOMDIR file and fulfill the DICOM standard. As a result, the images can be loaded from the media by any DICOM capable workstation.
DigiMan media can be encrypted (AES) to prevent data abuse. To open an encrypted DigiMan medium, a password needs to be entered. For each single DigiMan medium a different password is generated and can be printed on a label printer. All passwords are stored by the DigiMan Robot Manager in an own database.

DigiMan Future® ROBOT MANAGER

Modular System

Because of the modular architecture the DigiMan Robot Manager can be put together individually depending on your needs. By only ordering the necessary modules the price can be reduced.

Basics:

- Client user interface (web) easy to operate
- Receiving DICOM files from modalities or workstations
- Supporting additional file formats depending on the sending station: text (doc, txt, pdf, dcm SR), film (avi)
- Files of one patient per medium
- Files of several patients per medium
- CD or DVD
- Fulfilling the DICOM standard (DICOMDIR)
- Powerful DigiMan Viewer for image processing and viewing

Options:

- AES encryption for patient CDs
- Backup media
- Blu-ray
- DICOM SR query to query reports from a DICOM station and add them to the medium
- Multi Client: Individual settings for different users

System Requirements

- Intel Core 2 Duo from 2×2,2 GHz or comparable AMD processor
- Minimum 2 GB main memory
- S-ATA II hard disk from 250 GB capacity
- Standard graphics card and monitor
- Network card
- TCP/IP capable network, at least 100/1000 Mbit
- CD drive to install the software
- USB 2.0 connector or FireWire (IEEE 1394) to connect the robot.
- CD/DVD/BD robot
- Robot driver software
- Microsoft® SQL Server® Compact 4.0 (free download)
- Microsoft .NET Framework 4.0 Extended (free download from www.microsoft.com)
- Media (CD, DVD, BD) of adequate quality (medical product!) with printable surface
- Windows 7, Windows 8 (32/64 Bit)
- USB 2.0 port for dongle licensing

Note:

The robots supported are not compatible to PCs using ATI's Southbridge XP (SB) 460 or a previous version. Using such a PC, the USB-connection must be realized via a USB-PCI card.

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