

Bringing **documents and images to PACS**



Robust and powerful tools for capturing, recording and “DICOMizing” all medical images.

DICOM Izer is an **easy-to-use and intuitive** solution that addresses the Practitioner’s **medical image capturing and storage needs**. Whether to provide material for a teaching conference, or to enable complete integration with the healthcare enterprise.

DICOM Izer **facilitates multi-disciplinary image viewing** and circulation while **reducing cost and time** associated with handling disparate media types (film, paper, and videotape or DVD discs). Moreover, in compliance with the Health Insurance Portability and Accountability Act (HIPAA), it helps healthcare institutions bring **traceability and safety to patient data**.

While providing a **bridge between imaging devices and the patient medical record**, DICOM Izer also **improves access to, security and traceability of imaging documents** throughout the healthcare enterprise automatically.

For imaging connectivity within the healthcare enterprise, or for **special digital image capture**, DICOM Izer is the solution that addresses the needs of numerous medical specialties: Dermatology, Pathology, Mammography, Ophthalmology, Radiology, Gastroenterology, Urology, Otolaryngology, Obstetrics, Gynecology, Radiology, Speech Pathology...

Typical Technical Requirements

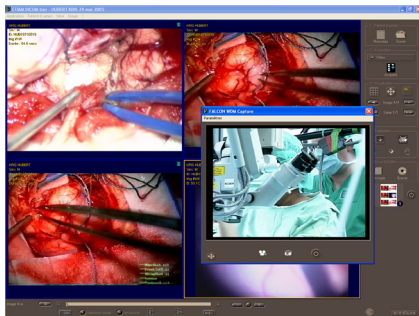
DICOM Izer Basic: Windows XP SP2, Pentium IV 1GHz, 512MB RAM, 40GB hard disk

DICOM Izer Advanced: Windows XP SP2, Pentium IV 3GHz, 2GB RAM, 100GB hard disk

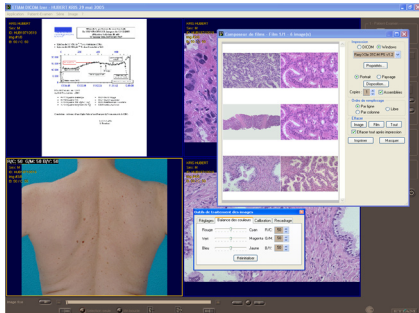
DICOM Izer VIDAR: Windows XP SP2, Pentium IV 2GHz, 1GB RAM, 50GB hard disk



Automatic segmentation of scanned radiology films.



Neurosurgery video capture.



Film composer in anatomopathology.

Integrate

Paper documents and forms using desktop scanners.

Digital files: JPEG, GIF, TIFF from digital cameras...

Radiology films: Full support of VIDAR Film Digitizers.

Digital motion videos: AVI, MPEG, WMV from digital video camera, DVD.

Live video sources: Endoscope, ultrasound, C-arm, surgical camera...

Data input devices and remote controls (barcode reader, foot pedal, VTR control).

Create

Standard digital material for congress presentation and education purposes.

Portable, traceable digital files (DICOM, HIPAA, IHE) linked to medical records.

High-quality print-outs of key images with a flexible page organizer.

CD/DVD archives, USB, Flash drive...

History archiving on PACS.

Compliance

Industry standard PC running Microsoft Windows XP or Windows Vista.

DICOM connectivity, compatible with PACS (Worklist, Store, Print, Query & Retrieve, MPPS, multiple DICOM formats provided – including DICOM-Multiframe and DICOM-MPEG for optimal integration with your PACS, Conformance Statement available upon request).

Certifications

CE Medical.
FDA Class II.

Software Editions

DICOM Izer **Basic** edition for connecting still images, digital files and TWAIN-compatible equipment (i.e. desktop scanner, digital camera...) to HIS and PACS.

Applications: Dermatology, Pathology, Ophthalmology, Radiology

DICOM Izer **Advanced** edition includes all Basic edition features plus support for live video capture from analog and digital video sources.

Applications: Gastroenterology, Otolaryngology, Urology, Obstetrics, Gynecology, Radiology, Speech Pathology...

DICOM Izer **VIDAR** edition fully supports all VIDAR corporation's film digitizers (multi-film, scan profiles and more supported).

Applications: Radiology, Mammography, Orthopedics...

Benefits

Security and quality of care: Create a link between images and all other patient clinical information.

Reduce cost associated with printing images, storing and handling paper by converting them to digital files.

Import external analog films into PACS for integration into the electronic patient record.

Extend your medical report content from still images only to video and take advantage of this format whenever it provides higher value than still images.

Distribute moving images to referring doctors on a CD or DVD with a powerful and intuitive DICOM viewer.

A solution that addresses specific needs through dedicated advanced features for higher users' benefit (automatic film segmentation, video edition...).

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