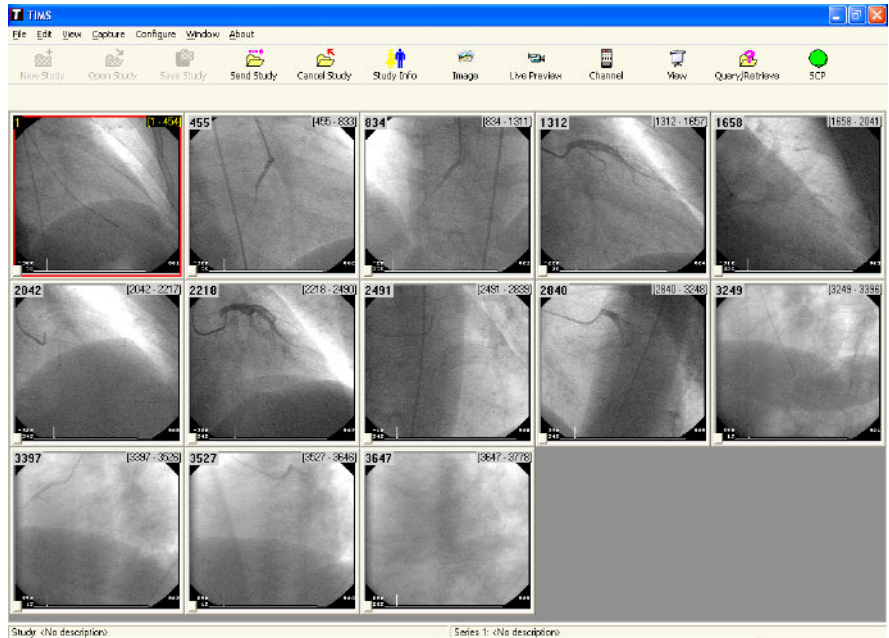


TIMS DICOM System

KEY FEATURES

- ▶ Acquire from any medical modality
- ▶ Analog video to DICOM conversion
- ▶ Static & streaming capture
- ▶ Capture the entire study
- ▶ DICOM send & receive
- ▶ One-click DICOM send
- ▶ Record to CD/DVD
- ▶ DICOM & Windows print
- ▶ DICOM query/retrieve
- ▶ Export to AVI & JPG
- ▶ DICOM Modality Work List
- ▶ Live remote consultation
- ▶ Real-time teleradiology
- ▶ Review & edit
- ▶ Scanner input via TWAIN



TIMS, the PACS Connectivity Solution™

The TIMS DICOM System is a complete workstation that solves a common problem in hospitals today: PACS connectivity. Hospitals' PACS are unable to communicate with their analog medical devices. TIMS is the solution. With its easy-to-use interface and simple work-flow, TIMS converts any non-DICOM medical modality to DICOM, the medical standard for the interchange of digital images, and transfers the studies to the hospital's PACS system. All of this is available as an inexpensive, cost-effective DICOM workstation. Additionally, each TIMS is a DICOM gateway allowing for film scanner input, DICOM send/receive, and DICOM query/retrieve.

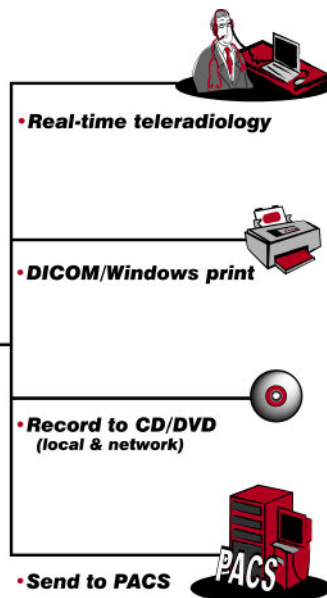
Patient information is conveniently input via a DICOM Modality Work List query. TIMS acquires from any analog or DICOM medical modality including ultrasound, CT, MR, endoscopy, angiography, nuclear medicine, motion X-ray, and others. Once the images or video streams are acquired and converted to DICOM, they are instantly available for viewing, sending to PACS, sending to a DICOM viewing station, recording to CD/DVD, and printing to a DICOM or Windows printer. A free DICOM viewer is available and can be automatically written to each CD/DVD.

Convert any non-DICOM modality to DICOM



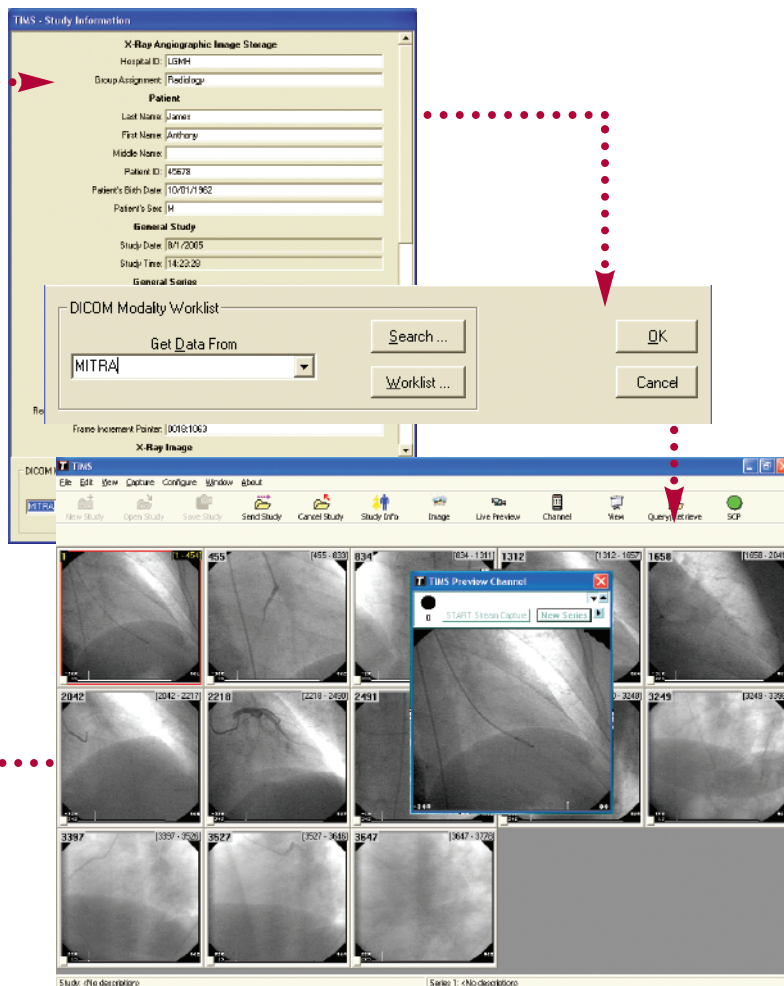
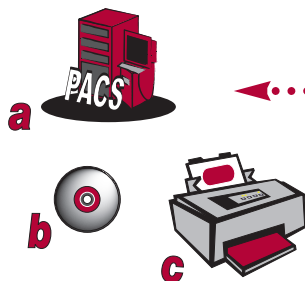
network

DICOM Connectivity



TIMS WORKFLOW

- 1) **Input patient information**
 - a) **Automatically via DMWL**
 - b) **Manually**
- 2) **Acquire images or video streams**
- 3) **Review & edit study**
- 4) **Output**
 - a) **Send to PACS**
 - b) **Record to CD/DVD**
 - c) **Print**



WHY DO I NEED TIMS?

A variety of key personnel in the hospital benefit from the use of TIMS, the PACS connectivity solution. TIMS can take any non-DICOM medical modality and convert it to DICOM. By doing so, TIMS saves the hospital money, improves its efficiency, and leverages its investment in PACS.

Hospital Administrator, CFO, Department Heads

- ▶ **Saves money:** Extends the life of current medical equipment. Saves tens to hundreds of thousands of dollars in upgrades and new equipment costs.
- ▶ **Reduces costs:** Eliminates or reduces the use of film & videotape.

Radiologic Technologists

- ▶ **Saves time:** Improves workflow by eliminating or reducing the use of film & videotape.
- ▶ **Immediate access:** Studies are instantly available for review & editing.
- ▶ **Reduces errors:** Provides ability to query patient data from a DICOM Modality Work List.

PACS Administrators

- ▶ **Improves efficiency:** Extends the use of PACS by converting all medical modalities to DICOM.
- ▶ **Stays within budget:** Connect all modalities to PACS for hundreds of thousands of dollars less than purchasing modality upgrades and new modalities.

Radiologists, Cardiologists, Other Physicians

- ▶ **Saves time:** Studies from all modalities are instantly available on PACS for review. Allows remote consultation via the TIMS Consultant.
- ▶ **Improves patient record portability:** A CD/DVD of the study can be provided to the patient immediately after the study.
- ▶ **Helps with teaching & presenting:** Allows for the export of studies or portions of studies to AVI & JPG for use in presentations & reports.

The number of applications for TIMS is nearly endless.

Our customers are finding new ways to use TIMS almost every day.

Here is just a small sampling of the applications:

APPLICATIONS

- ▶ Acquire the entire study from an angio suite and send to PACS.
- ▶ Acquire simultaneously from a bi-plane suite using two TIMS systems.
- ▶ Use TIMS as an emergency recovery system to DICOM receive from DICOM modalities if PACS fails.
- ▶ Use TIMS on a mobile cart to perform DICOM query/retrieve in an OR.
- ▶ Use TIMS on a mobile cart to acquire from several different modalities in a hospital throughout the day.
- ▶ With an older open MRI system, use TIMS rather than spending hundreds of thousands of dollars on a new open MRI system.
- ▶ Use TIMS with an interventional radiology system rather than purchasing an expensive DICOM upgrade.
- ▶ In a busy ultrasound clinic, use TIMS with progressive DICOM send to allow for instant reading of the studies.
- ▶ At a rural hospital, use the TIMS Consultant to allow remote consultation by an on-call radiologist from home.
- ▶ At a hospital without PACS, use TIMS to archive CT and MR studies to CD/DVD.
- ▶ Record an entire motion X-ray procedure and send to PACS.
- ▶ At a teaching hospital, convert all of the archived echo studies from videotape to DICOM.
- ▶ And more... With TIMS, the application possibilities and cost savings are constantly expanding.

Yes, TIMS is for PACS connectivity, but it is much more. PACS is being installed or considered at most hospitals. If PACS is not yet at your hospital, there are still several excellent reasons to invest in the cost-effective TIMS DICOM System. The first is TIMS will have you ready to send to PACS as soon as it is implemented.

WHAT IF I DO NOT HAVE PACS YET?

Record to CD/DVD

- ▶ Archiving
- ▶ Eliminate or reduce use of film & videotape
- ▶ Provide a copy to the patient

DICOM/Windows Print

- ▶ Print selected images
- ▶ Print an entire view or study
- ▶ Up to 8x8 layouts

TIMS Consultant

- ▶ Real-time teleradiology
- ▶ Live transmission of the medical procedure
- ▶ Two-way audio communication
- ▶ Remote diagnosis
- ▶ Transmit DICOM files to the Consultant

Export to AVI & JPG

- ▶ Integrate studies into presentations & reports
- ▶ Edit in video editors like Adobe Premiere®
- ▶ Ideal for teaching hospitals

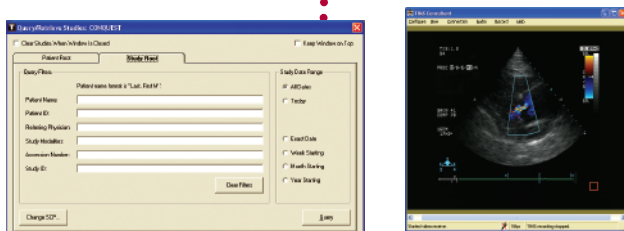
Record from Film Digitizers & Scanners

- ▶ Compatible with any TWAIN interface
- ▶ Results can then be recorded to CD/DVD

SELECTED FEATURES

DICOM Query/Retrieve

- ▶ Query studies for a specific patient from any PACS
- ▶ Retrieve the selected studies for review on TIMS
- ▶ Ideal for an OR application for the physician to review previous studies just prior to the new procedure

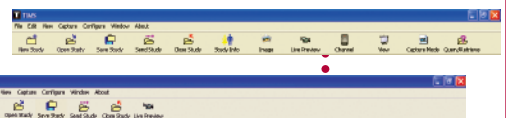
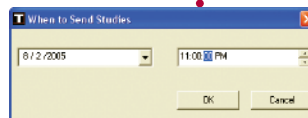


TIMS Consultant

- ▶ Real-time teleradiology
- ▶ Real-time, live transmission of medical video over networks to a remote computer site
- ▶ Allows for remote consultation & diagnosis
- ▶ Send full resolution DICOM files to the Consultant during the procedure

Batch/Schedule Send

- ▶ Select multiple studies to be sent at a later time and date
- ▶ Excellent for scheduling DICOM sends during times of low network activity
- ▶ Progressive DICOM send: allows for the sending of DICOM files immediately after each acquisition



Configurable Toolbar

- ▶ User-configurable toolbar
- ▶ Streamline workflow according to individual needs by allowing the user to show just a few toolbar icons
- ▶ Or show all toolbar icons for a "power-user" setup

TIMS DICOM System

Product	Medical Modalities	Static Capture	Streaming Capture	DICOM Send/Receive	Scanner Input	Consultant
TIMS 1000 DICOM System	All Analog & DICOM	●		●	●	
TIMS 2000 DICOM System	All Analog & DICOM	●	●	●	●	●
TIMS DICOM Gateway	All DICOM			●	●	

TIMS Factory Support & Maintenance: One year of TIMS support and maintenance is provided with each TIMS DICOM System purchase. This includes technical support via telephone, email, and online during normal business hours (8:00 AM to 8:00 PM EST). In the unlikely event of a system failure, a two business day system replacement warranty is provided. Software upgrades as available are accessible via online download in the first year. TIMS Factory Support & Maintenance can be purchased for additional years. Onsite service plans are available from your local reseller for an additional charge.

TIMS 1000 DICOM System

- ▶ For all analog & DICOM medical modalities
- ▶ Static capture only; scanner input
- ▶ Foresight Imaging video capture hardware
- ▶ Small footprint computer with CD/DVD-RW
- ▶ Support & maintenance (1 year)
- ▶ LCD monitor, installation & training

▶ **\$13,995**

TIMS DICOM Gateway

- ▶ For all DICOM modalities
- ▶ Scanner input
- ▶ DICOM send & receive
- ▶ Small footprint computer with CD/DVD-RW
- ▶ Support & maintenance (1 year)
- ▶ LCD monitor, installation & training

▶ **\$10,995**

Small Footprint Computer

- ▶ Height: 3.5"
- ▶ Width: 12.25"
- ▶ Depth: 9.75"

Classifications & Approvals

- ▶ FDA 510(k) clearance
- ▶ FCC Part 15
- ▶ CE
- ▶ UL60601
- ▶ EN60601-1-2
- ▶ CSA601.1

TIMS 2000 DICOM System

- ▶ For all analog & DICOM medical modalities
- ▶ Static & streaming capture; scanner input
- ▶ TIMS Consultant (one network destination)
- ▶ Foresight Imaging video capture hardware
- ▶ Small footprint computer with CD/DVD-RW
- ▶ Support & maintenance (1 year)
- ▶ LCD monitor, installation & training

▶ **\$16,995**



Contact sales for Mobile Cart configurations.



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