

# VACS<sup>®</sup>



## Digital Asset Management for Medical Professionals.



### A New Era in Communication Between Clinicians.

Today's doctors, nurses, and specialists are faced with a tangled structure of digital files. Rich media, in the form of high definition video, still captures, procedure notations, and DICOM scans, are considered valuable assets to medical professionals. This content is used to review, edit, and collaborate with other clinicians for education, presentation and best practices development.

The barrage of photographs, video, audio, documents, and typed commentary can easily become uncontrollable. A structured method for handling this rich media content, from generation to distribution to historical archiving, is essential for leveraging its power. The digital asset management capabilities found in VACS<sup>®</sup> provides an environment to find and use content when and where it is needed.

*Sharing Your Vision* **FSN**  
Medical Technologies

# VACS® plus IPS710A Recorder.

VACS software resides on a computer server within a medical facility's secure network. Access to the VACS system is achieved through a password protected web browser interface.

IPS710A, a medically approved video recorder from FSN, integrates with VACS to retrieve electronic health records, capture video or still images during a procedure, and send DICOM compliant images to a PACS system.

## Create a New Patient Folder.

Use the secure browser login to have VACS create a new patient folder, which will contain all of that patient's encounter content. To save time and avoid typing errors, patient information can be pulled directly from a worklist server.

## Record from Surgical Devices.

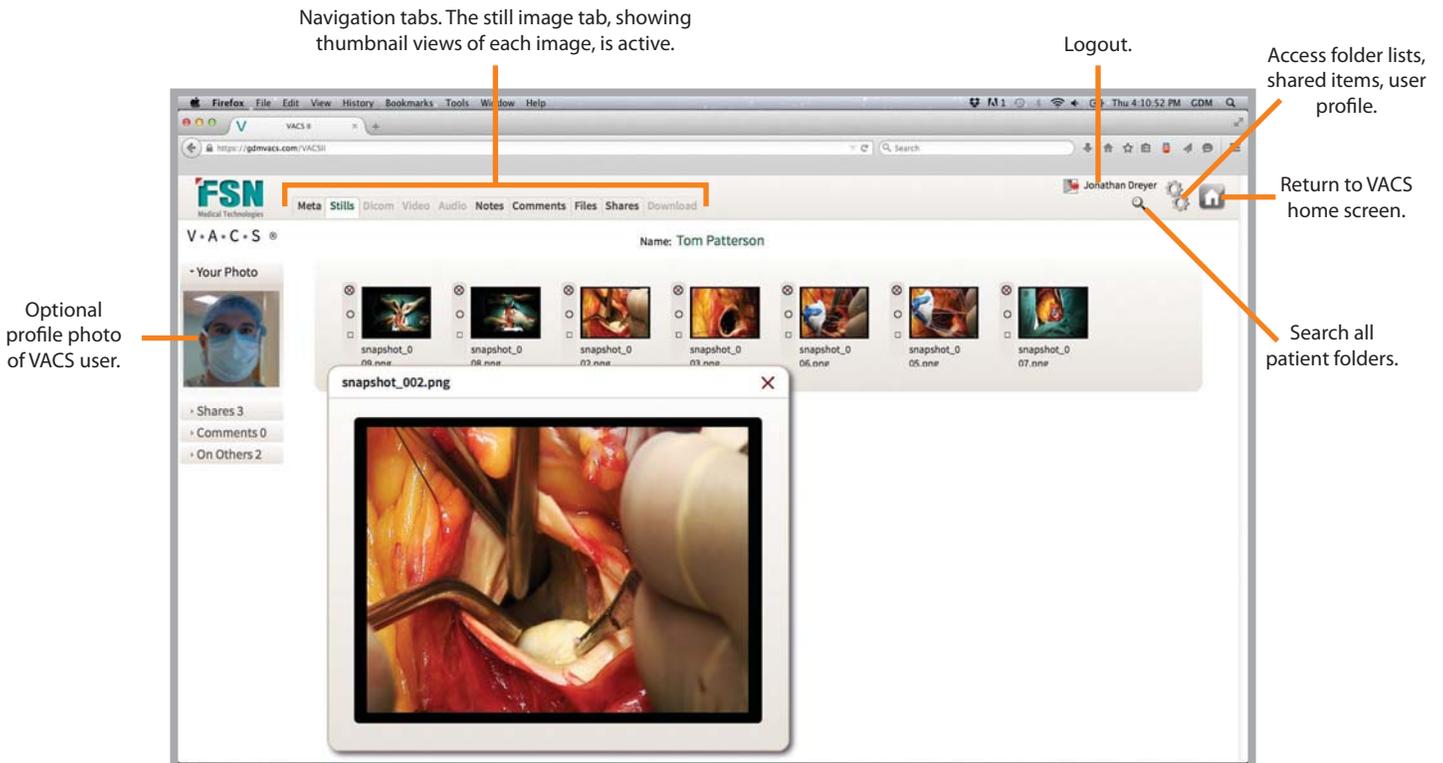
From the VACS browser interface, or endoscope camera head, or foot pedal, start and stop video recording. Each recorded file is automatically sent to VACS for processing and storage.

## Send Images to PACS.

VACS will access secure network file storage and send image data through IPS710A, in DICOM format, to a networked PACS system.

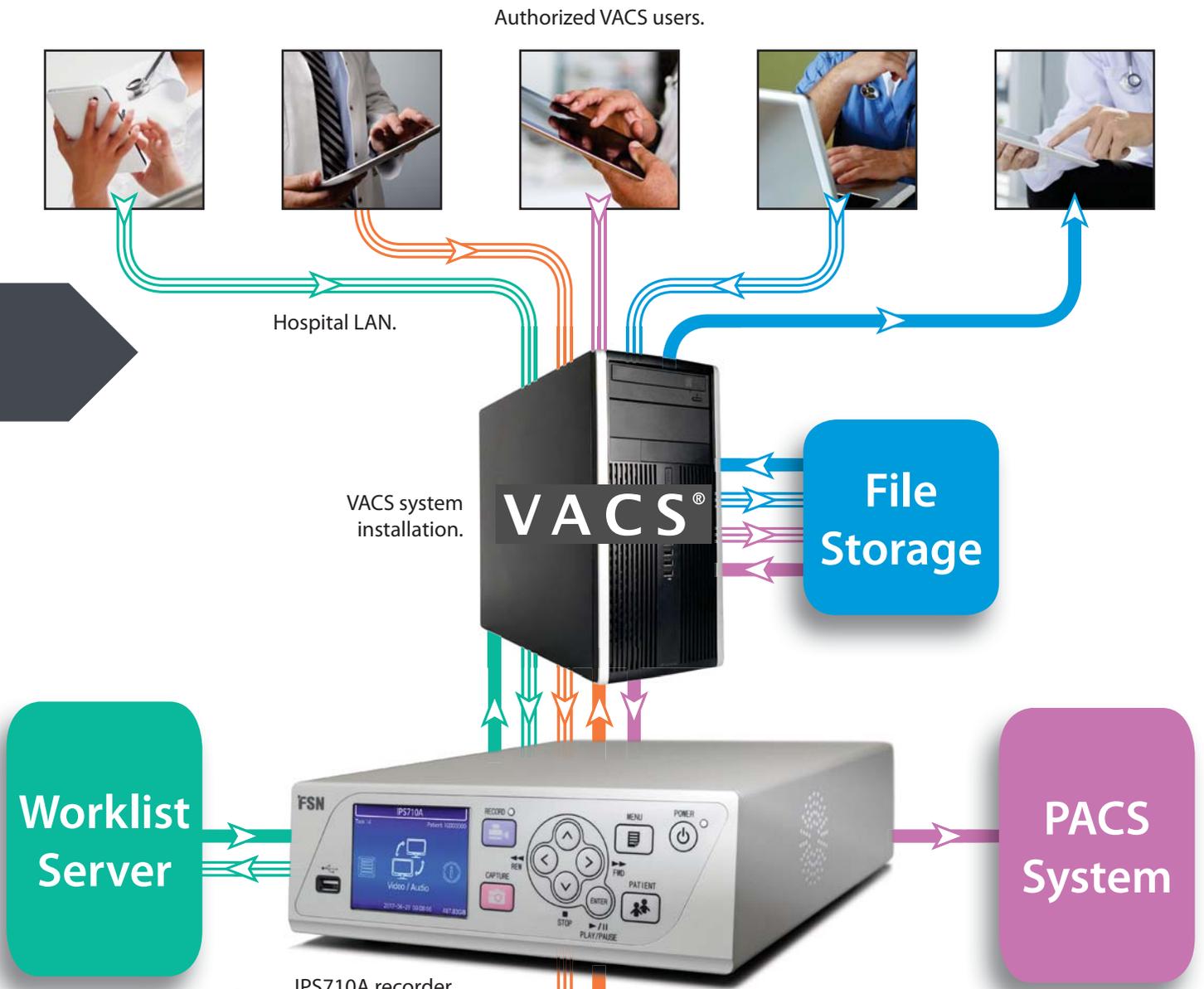
## Share and Collaborate.

VACS creates a clinical collaboration library that is accessible to any authorized user via a web browser. Doctors can share and comment on HD video, still images, Word, Excel, PDF, and sound files. VACS creates custom libraries of HIPAA compliant clinical information for medical professionals.

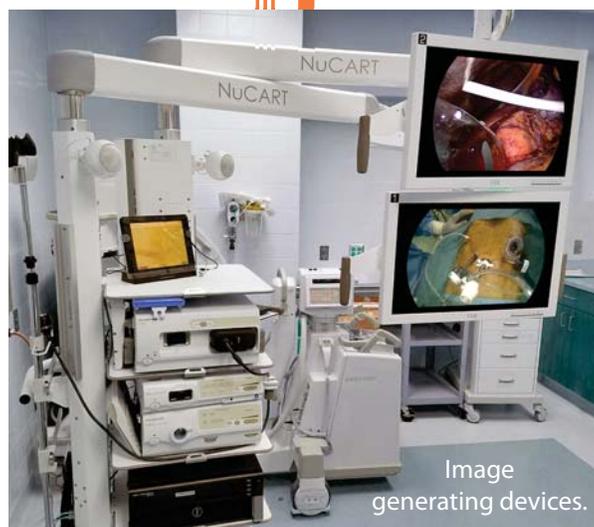


A sample VACS patient folder as seen using a web browser.

# Integrated Video Archiving and Sharing.



*Centralized archiving provides universal access, solving the issues created when image files are tucked away on thumb drives or in e-mail boxes, with no visibility for searching and retrieval.*



*Medical image files are massive. Hospital information network systems can be adversely effected if large files are not handled properly. VACS optimizes files based on network capacity.*

# VACS®

# Digital Asset Management for Medical Professionals.



- ✓ Web browser interface - access with computer, tablet, or handheld device
- ✓ Password security
- ✓ Integrated recording hardware - IPS710A
- ✓ Access worklists from existing EHR to avoid re-key errors
- ✓ Capture DICOM images and send DICOM images to PACS
- ✓ Preview of last captured image
- ✓ Large file friendly
- ✓ Centralized archiving and searching
- ✓ Clinician collaboration - review, edit and comment on content
- ✓ Ideal for education or presentations
- ✓ Communication via LAN network
- ✓ Basic video editing built-in
- ✓ Can manage several recording devices
- ✓ Auto logoff after inactivity

## Specifications & Requirements

Item	Description
Virtual Machine	All major platforms are supported - VMware, VirtualBox, QEMU, KVM
CPU	X86/64bit multi-core server CPU.
	8GB memory (RAM) minimum- 16GB recommended.
	1TB HDD minimum recommended.
IP bandwidth	100 Mb/s minimum recommended.
Remote access	VPN
Security	SSL certificates. Domain enforcement to assists in preventing attack. High-availability design. SSL/SSH based transport security. Inter and intra site VPNs. HIPAA compliance with auditing, logs, and encryption.

Item	Description
Client interface	Supported browsers: Firefox, Chrome.
Live capture	At least one streaming device required, such as VyNet video networks or IPS710A medical recorders, capable of secure upload via SCP/FTPS can be configured.
Total users	VACS - dependent upon system scale. VACS Lite - 3 maximum.

VACS installation specialists are available to assist with design and setup of VACS systems.



[www.fsnmed.com](http://www.fsnmed.com)

Specifications are subject to change with or without notice. Doc. # 1989 Rev. 9/17

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