



PACS Pro Fixed Veterinary Archive

A simple, affordable, all-in-one intelligent archiving solution, Fixed Archive integrates with any vendor's CR or DR to provide a seamless digital environment. This powerful combination is the one-stop, cost-saving and film-less solution for users to acquire, archive, view, distribute and manage DICOM images.



The unique design of PACS Pro will fit seamlessly into the workflow of your practice. It's proven to enhance productivity and provide enormous improvements in patient throughput, diagnosis and treatment.

Fixed Archive communicates directly with CR/DR to acquire DICOM images. It also supports DICOM modality worklist to register or retrieve patient demographic information from your RIS/HIS/PM to save time and reduce costly human errors.

Hierarchical Archiving

Fixed Archive software can be placed on a scalable server to archive your medical records locally or online. Storing, managing, querying, retrieving and auto-routing CR images virtually eliminates problems and expenses associated with traditional film and other forms of clinical output by protecting against film loss or damage. Furthermore, PACS Pro Veterinary Archive provides an easy-to-use and economical backup for animal images and reports. Hardware quoted separately.

Diagnostic Viewing

A DICOM image viewer is included for diagnostic readings. After image acquisition and transmission using the DICOM format and protocol, high-quality images are ready for review in seconds. With the full range of comprehensive tools provided, Veterinarians can read images accurately with a user-friendly interface, ensuring confidence in their assessments and recommendations.

Digital Distribution

Fixed Archive provides an intuitive user interface to create single-patient CDs That contain diagnostic quality images, medical reports, and patient records. Referring physicians can view the CD on any Microsoft Windows PC. The CD's user interface was designed with physicians in mind, making it intuitive and user friendly.

Printing, Importing, and Exporting

PACS Pro Vet supports optional DICOM Print to for create hard copy film prints with specific patient demographic information on any dry-laser printer. It also supports DICOM image import/export to bitmap, JPEG, or other image formats.

Seamless Digital Environment

With its ease-of-use and intuitive user interface, PACS Pro Vet Archive offers a seamless workflow from image acquisition through archiving and viewing to sending images over a DICOM network for distribution. Combined with a CR system, this extremely affordable PACS system provides rapid access to images and patient information as soon as they become available. With the rapid response time, enhanced patient care, cost savings and film-less working environment, PACS Pro is the solution that meets your vision.

Advantages

- » Server software solution with 5 fixed DICOM Viewer Licenses
- » Single step to acquire, view, archive, send, or distribute CR images.
- » Automation reduces the need for staff training to operate the system.
- » Centralizes all of the facility's DICOM 3.0 images and related data.
- » Significant cost savings from film-less operation.
- » Fully configurable to meet local needs and demands.
- » Meets up-to-date industry standards.

Features

Hierarchal Archiving

- » Equipped with a Microsoft SQL Database.
- » Receive, archive, and distribute DICOM images.
- » Manage storage volume with a housekeeping schedule.
- » Interface to single type modality.
- » Supports up to 1 TB online storage or 100,000 CR studies.

Diagnostic Viewing

- » Conforms to DICOM Part 10 Media Storage standard. Read images along with DICOM graphic annotations, structured reports, key image notes, presentation states and raw data objects from the CD storage media.
- » Powerful image display features are run-time smoothing, continuous zoom in and zoom out, time-sequence image playback, window/level adjustment, orientation adjustment and much more.
- » Measurement and graphic annotation tools for density measurement, linear distance measurement, angular measurement, Cobb angle measurement, arbitrary boundary area measurement, specific measurement in ultrasound graphic regions and so on.
- » View reports on radiology diagnostic results, consult results and medications.
- » Features are customizable and can be controlled by a master configuration utility.
- » Configurable Display Mode shows all images in a series in one window or in rows of 2, 4, or 6.

PACS Pro Patient Worklist View

Patient Name	Image	Last Mailed	Patient	Sex	Birth Date	Accession #	Modality	Study/Exam	Body Part	Study ID	Study
Armstrong, Lance	Online	12/08/2010	34245	M	07/08/1977	123	CR	Skull_Front	HAND	01/21/11	11
Barty, Abby	Online	12/08/2010	87777	F	07/08/1977	123	CR	Skull_Front	SHOUL	01/21/11	11
Chandler, Josh	Online	03/12/2010	242200	M	07/01/1963		CR	Head in M	FOOT	01/21/11	11
Chen, Vincent	Online	11/29/2009	1831	M	07/13/1974		CR	Head	HAND	07/11/11	11
Genady, Henry	Online	New	666	M	08/19/2009		CR	Chest	CHEST	08/01/11	11
Graveland, Curtis	Online	03/11/2010	14382	M	08/20/1956		CR,SR	Foot	FOOT	08/01/11	11
Hammons, Warden	Online	12/03/2009	90905	M	07/11/2000		CR	Head	CHEST	08/01/11	11
Jain, Derek	Online	11/24/2009	78365	M	04/01/1965		CR,SR	Foot	FOOT	01/01/11	11
Jain, Smith	Online	11/02/2010	786596	M			CR,SR	Foot	CHEST	01/21/11	11
Kramer, Connor	Online	11/24/2009	23453	M	01/01/1800		CR		ELBOW	08/01/11	11
Leff, Neil	Online	10/12/2009	1234	M	04/11/1956		CR		ANKL	09/01/11	11
Mac, Steven	Online	11/24/2009	23454	M			CR,SR,SR		ANKL	01/21/11	11
McLean, Brian	Online	11/02/2010	444	M	08/22/1974		CR,SR,SR	ankle lat	CHEST	01/11/11	11
Morgan, Joe	Online	11/04/2009	2458	M	07/02/1975	3322	CR	Lumbar	LSPINE	01/21/11	11
Nelson, Tom	Online	07/11/2010	1234	M	07/01/1952		CR,SR,SR	Lumbar S.	LSPINE	01/11/11	11
Philly, Michael	Online	07/28/2009	24567	M	12/20/1977		CR		CHEST	01/21/11	11
Priddy, Chris	Online	08/01/2009	42063	M	04/01/1943		CR		LSPINE	08/01/11	11
Ryan, Bernard	Online	11/02/2010	3245	M	03/22/1976		CR		LSPINE	01/21/11	11
Schilling, Maria	Online	08/08/2009	7456	F	07/08/1969	42345	CR	Spine	LSPINE	01/21/11	11
Smith, Brent	Online	07/21/2009	18346	M	08/11/1887		CR,SR	Skull	HAND	11/21/11	11
Smith, John	Online	02/22/2010	3643632	M	08/12/1967		CR	Foot_ankle	FOOT	11/21/11	11
Smith, John	Online	11/02/2010	62365	M			CR		SHOUL	01/21/11	11

PACS Pro DICOM Viewer



- » Connect up to five external viewers in the LAN/WAN.
- » Can be upgraded to PACS Pro Web-enabled solution to include licenses for two (2) or five (5) concurrent Web users.

Digital Distribution

- » DICOM and IHE PDI compliant.
- » Easy to use operator interface CD/DVD creation command for creating patient records using only patient name, patient ID, or accession number.

Printing, Importing, and Exporting

- » Print images with annotations to paper and film. (option)
- » Supports presentation LUT.
- » Design custom image and/or text on the header and/or footer of the printed film or sheet.
- » Easily export images from the diagnostic viewer as a TIFF, JPEG, Bitmap or DICOM file.

For information please contact your local x-ray sales and service provider