PACS 2.0 Solution Overview

PACS 2.0 is an initiative to connect and integrate medical images from all departments with PACS/EHR. These solutions capture, cache, stream, integrate, and manage clinical photography images and medical video throughout the enterprise. PACS 2.0 also supports the evolution of medical imaging connectivity to include integration with electronic health records (EHR). With PACSGEAR’s PACS 2.0 solutions, hospitals and healthcare facilities can easily connect and integrate images and video from digital cameras, legacy scopes, and HD video sources.

- **Connect departmental images/video**
  - Meet upcoming meaningful use requirements
- **Improve productivity**
  - Automate imaging workflow
- **Reduce cost**
  - Eliminate image silos
- **Enhance care**
  - Improve access to images/video

**Solution Components**

- **PacsSCAN™**
  - Import digital camera images, JPEG, AVI/MPEG, or PDF files to PACS/EHR.
- **ScopeCap™**
  - Capture images from GI/surgical scopes or other non-DICOM sources using a scope trigger or footswitch.
- **MDR® Video**
  - Convert high-resolution video to DICOM for scopes, fluoroscopy, angiography, and vascular imaging systems.
- **PACSGEAR Media Server™**
  - Enable enhanced workflow, optimized for video/audio distribution.
- **PacsConnect™**
  - Provide order and worklist information for non-scheduled workflow.
- **EHR Integration™**
  - Offers an enterprise blueprint for PACS/EHR workflow integration through the PACSGEAR Standard Integration Model.
What is PACS 2.0?

PACS 2.0 is an initiative to integrate medical images from all departments with PACS/EHR. Departments outside of radiology, such as dermatology, endoscopy, speech pathology and wound care are generating many different types of images and searching for a digitized workflow solution.

One of the benefits of an Electronic Health Record (EHR) is the ability to store and present all relevant patient information from a centralized and easily accessible system to promote better diagnosis, treatment, and sharing of data between physicians and patients.

PACSGEAR has identified over 20 departments that create clinical medical images. By using the PACS 2.0 approach, hospitals and healthcare facilities can capture the next wave of connected and integrated images between PACS and EHR.

About PACSGEAR

Founded in 2002, PACSGEAR provides image connectivity solutions for medical image management (PACS) and electronic health record (EHR) systems to hospitals and healthcare facilities. Its industry-leading solutions seamlessly integrate documents, film, video, visible light and other images from any department to any PACS/EHR. Healthcare personnel in specialties such as radiology, cardiology, gastroenterology, dermatology, orthopedics and pathology can connect, view and share images and results to enable health information exchange. Worldwide, PACSGEAR gives over 1200 hospitals, healthcare networks and imaging facilities a better picture of their patients’ health.

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