CATELLA 6.0
PACS SOLUTIONS

Fully Modular Design | Proven Reliability | Improved Patient Outcomes

EASY TO INSTALL
EASY TO LEARN
EASY TO DEPLOY
EASY TO MAINTAIN
EASY TO EXPAND
CLOUD, WEB, THIN & THICK CLIENT VERSIONS

Now with EHR HL-7 Integration and Modality Worklist

Also Available:

TELERADIOLOGY
FILM DIGITIZERS
DOCUMENT SCANNERS
ORTHOPEDIC TEMPLATING
3D VISUALIZATION
MAMMOGRAPHY VIEWING
CD/DVD RECORDERS AND LABELERS

AMD **AMD Technologies, Inc.**
800-423-3535

CATELLA® PACS 6.0

Introducing Catella PACS Version 6.0

Since 1997, thousands of users and hundreds of installations have used Catella® PACS for their production diagnostic needs.

Version 6.0 is the newest platform in this successful series of digital imaging solutions. This current version focuses on the needs of a maturing market for diagnostic images anywhere, at any time. Its easy installation, deployment and maintenance allows for lower purchase and operating costs. We have added the option to host your PACS on the Cloud and expanded the capability of our browser-based viewer to create fully diagnostic workstations for LAN and Teleradiology WANs. We have also added the option to include Advanced Line Analysis on one or all workstations.

As digital imaging systems mature and "digital" imaging becomes the standard for "quality" imaging, imaging centers, clinics and private practices have the same needs as larger hospitals and healthcare systems, but with very different budgets and staffs.

Catella PACS is scalable from a single user starting with cloud-based hosting as a service or a simple PACS-In-A-Box Server/Workstation solution, to imaging centers with image distribution for referring physicians, all the way to a large hospital based installation with multiple connected servers, archives, and hundreds of users.
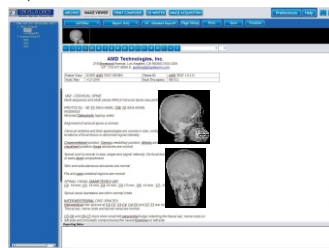
WORKFLOW

Scheduling Screen
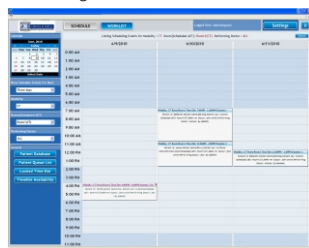
Patient Scheduling

Image Workstation Screen

Diagnosis

Routing

Report Generation Screen

Report

Store & Back-up

CD and Print Publishing

Distribute & Print

It's not just a basic PACS

Catella 6.0 is comprised of several core software components: Catella PACS Server, Catella Diagnostic Workstations, Catella PACS Browser Viewer, Catella Teleradiology Gateway, Catella Film Scanning, Catella CD Publishing and Catella Print Composer.

Catella PACS Server - supports multiple storage media options and can be configured to provide various online and offline archive solutions. Our powerful rules-based system routes patient images and studies to multiple destinations. Like previous generations, 6.0 is designed with an automated image back-up system. We offer a variety of systems, including removable USB drives, hot swap drives and duplicate archives as back-ups. Our powerful GUI interface now allows the user to control all aspects of their set-up and daily operations. The Server control allows administrators to customize each user's reading experience from what studies are available, to the way the images are displayed, to the information displayed, to the type and number of specialty worklists. Local and back up Archives can

start at 1TB and have been built to as large as 50TB.

Catella Diagnostic Workstations– While maintaining all of the imaging tools of earlier versions, 6.0 expands features in several key areas, including the ability to compare images across series and studies, create multiple custom worklists, create unlimited hanging protocols (even "on-the-fly"), and access a nearly unlimited number of image servers/archives. For customers who need to provide physical media to patients or referring physicians, Catella supports print to film, print to paper, as well as simple CD/DVD production.

For smaller installations, Catella 6.0 Workstations now have a built-in, template-based reporting module that enables creation of customized templates for reports on all kinds of study types and the inclusion of images in reports.

Catella Browser-Based Viewing - For customers who also need to support ICU/ER/Surgery with near real-time image delivery at a lower cost, Catella 6.0 now offers browser-based viewing that can be installed on virtually any Windows PC.

Catella Teleradiology Gateway - Availability of diagnostic quality images from anywhere at any time is increasingly becoming a "must have" for radiologists and other medical professionals. Catella browser-based viewing, with the addition of Catella Teleradiology Gateway for security and compression, and an SSL license from your Internet provider can provide a powerful diagnostic teleradiology solution. This Catella Teleradiology Viewer has the same features as our traditional workstation software but can lower costs by reducing hardware requirements and supporting concurrent-user licenses.

Beyond the Basics

Optional Integration to Your EHR - Catella 6.0 can accept HL-7 "orders and produce a DICOM Modality Worklist (MWL). Catella Modality Worklist Generator handles the "gap" between your existing RIS, practice management systems or HIS and your imaging modalities. The object is to take the patient information input at the front desk and place that information in the DICOM header so that the patient records and patient images automatically match. Catella 6.0 accepts HL-7 SUI messages and then may be queried by DICOM compliant imaging modalities.

Equally important Catella can sent HL-7 messages to the EHR. Many EHR systems log the status of a procedure and Catella can help do this. Finally, Catella can supply the information needed so that images can be viewed directly from the EHR. Our messages include a URL tag that many EHR systems can embed in a patient's record. When doctors review a file they can click on a link that will open the Catella viewing software. Minimize the viewer and doctor is back working in the EHR.

Optional Scanning of Prior Films - Digitizing film is often required to maintain patient record continuity. Catella 6.0 has integrated software for VIDAR film digitizers and a variety of video capture devices for films or images.

Optional Patient Scheduler - This is the starting point for any radiology or clinic workflow. Most important, it allows you to enter patient demographic information only once and carry the identical information throughout your workflow to each of your users without the need for data re-entry. While Catella PACS integrates with many existing EHR, HIS and RIS systems, Catella Patient Scheduler is a comprehensive solution for scheduling and DICOM Modality Worklist.
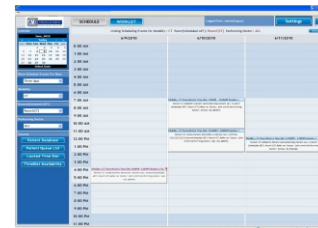
Optional Advanced Line Analysis (ALA) - For orthopedic and other professionals there has

always been a missing element in digital imaging: a program to do line analysis as easily and quickly with digital images as it had been done with films. Catella ALA provides a high performance and cost-effective images with equal ease. Using the interactive guide, answer. The ALA solution can import DICOM or JPG the user clicks on the key landmarks and the analysis will be displayed on the screen. Even the most complex techniques can be completed in less than one minute. Once completed, lines and points can easily be moved to make any necessary alterations.

Optional CD/DVD Publication – Automatically produces printed CDs or DVDs with patient records

required for referring physicians or when patients transfer from one area to another. For non-USA customers, Catella 6.0 has integrated software supporting a variety of disk publishers and printers.
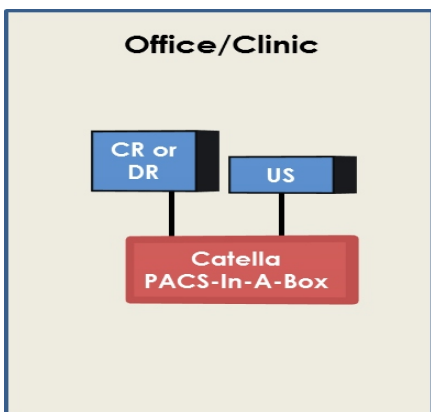
What does this all cost?

Catella PACS products don't cost an arm and a leg. Our pricing includes pre-planning meetings and interfacing with your modality providers. To complete your system, let's discuss your hardware needs and configure a solution that is right for you.
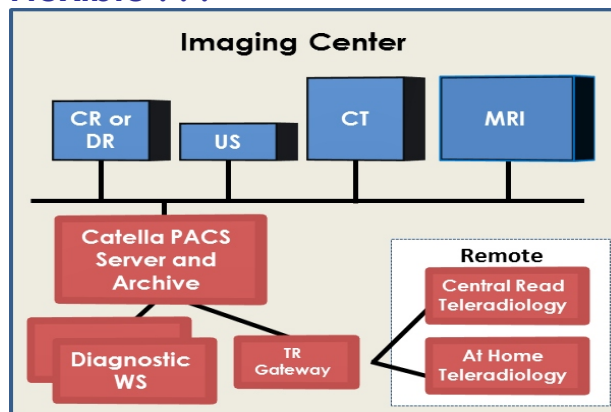
Cost Effective . . .

Office/Clinic

Flexible . . .

Imaging Center

...but powerful enough to meet all your

Medical Center
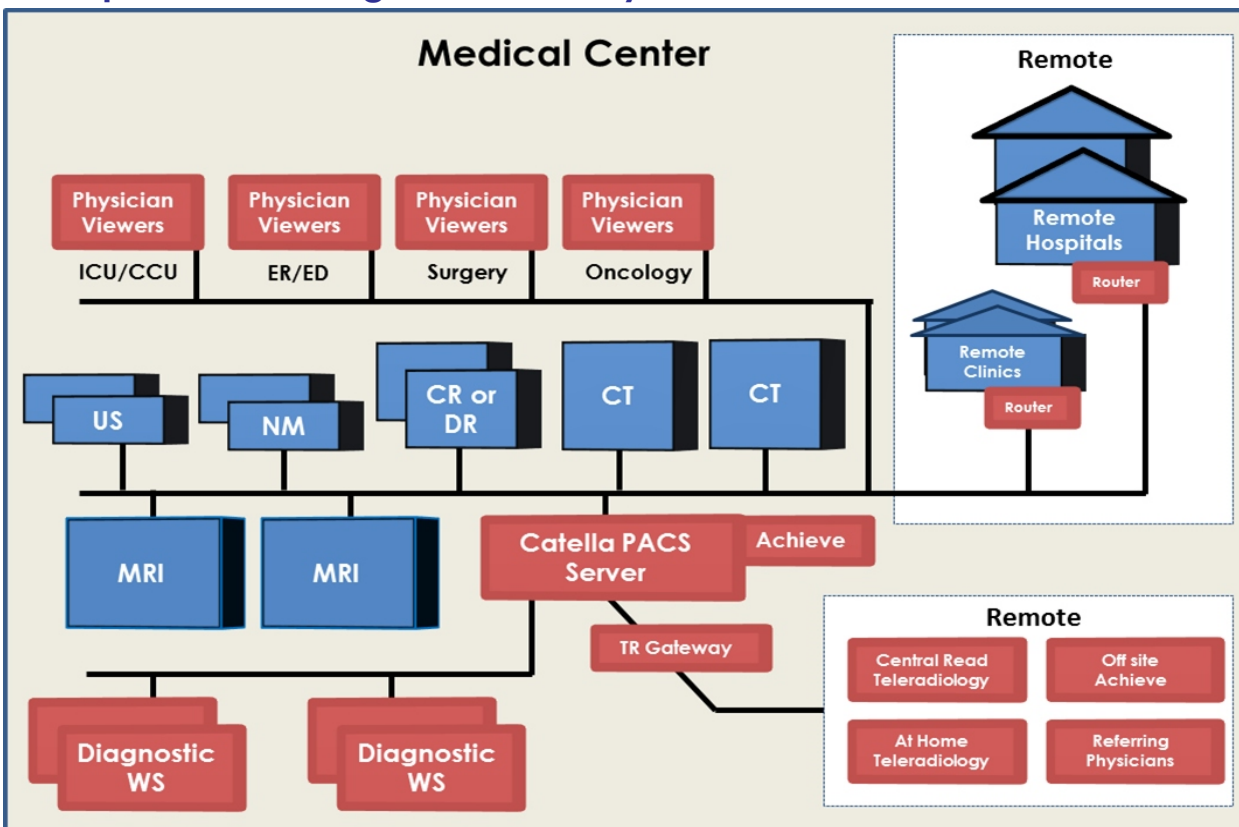
Who is AMD Technologies?

The owners of AMD Technologies have been in the radiology imaging business for over thirty years, founded in 1954 to help medical, dental and veterinary professionals. AMD Technologies (or "AMD" as we are known) continues the tradition. Today, Catella networks service 2,500-bed hospitals, as well as one-person offices.

Our PACS solutions are known for their scalability, their intuitive user interface, and their reliability. Our staff is known for its technical expertise and its superior customer support. Also, if you need Quality Assurance tools, x-ray accessories, or even CR or DR systems just ask. We have several cost effective solutions.

800-423-3535

www.amdtechnologies.com