

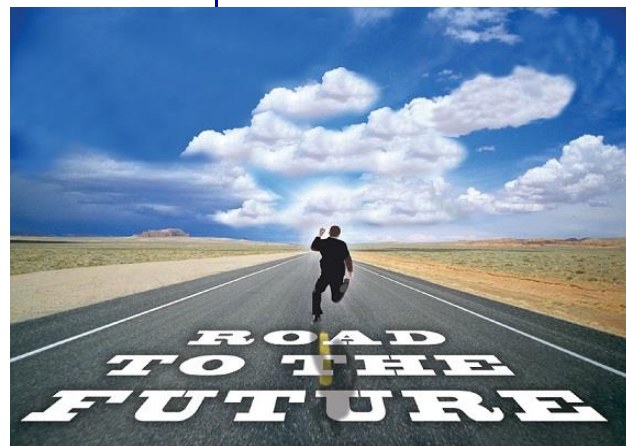


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Catella Cloud-based PACS



Cloud is the buzz word and it is happening NOW!!

If you are not an IT person and your focus is providing superior medical care and solutions to your valued clients, you may find the concept of Cloud daunting!

Don't worry. Leave that to us. Let's work together to produce the best solutions for your customers.

What is Catella Cloud?

Catella Cloud is a workflow and complete enterprise level PACS system hosted on the Cloud. All you do is point your modalities to a web address and push studies to the Cloud. The images are pushed from the modalities encrypted via our high speed software router. Studies can then be viewed from anywhere at any time by any authorized user (radiologists, physicians, medical transcriptionists, IT staff, etc.) All this in a secure and safe manner compliant with HIPAA rules.

Why use the Cloud. . . what are the benefits?

- No capital investment in hardware or software.
- No cost for updates.
- No time or expense on virus control, system updates.
- We provide training and technical support.
- Includes long term storage, back-up, & disaster recovery.
- Simplifies your radiology workflow, increases productivity and reduces IT costs.

How is this priced?

There is a onetime set up fee and then a fixed price per study based on several factors: 1) number of studies, 2) type of studies, and 3) grade of software (small user/clinic or enterprise). Our simple questionnaire on the second page will help determine the best plan. Our plans can include seven years of on-line storage.

Why should you work with us and Cloud?

Cloud is the road to the future. If you don't start now, you will be paying more for less, and have a system that is inflexible in meeting future demands. Even today, when you consider all costs, Cloud is the least expensive solution for many clients. Many believe it will be the only option for most clients in just a few years.

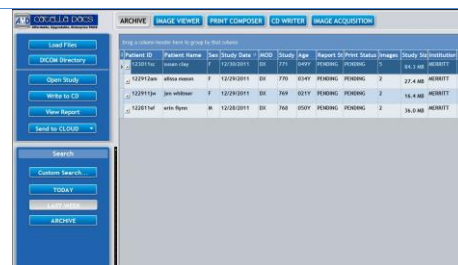
Who are our clients?

This solution works well for many types of clients...private practices and clinics (physicians, veterinarians, orthopedists, dentists, and chiropractors), imaging centers, teleradiology centers, small and large hospitals. We offer versions of the software tailored for each of these market segments.

What is the next step?

Call or email Daniel Giesberg

T: 310 471 8900 or email giesberg@amdtechnologies.com



Easy to use worklist – fast searches.



Advanced viewing software with an extensive number of measurement tools.



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Catella Cloud Questionnaire

Key questions and issues we would like to have input on before our discussions:

- 1) Please describe your organization (private practice, free-standing imaging clinic, hospital, multi-site hospital/clinics).
- 2) How many Radiologists/Physicians read and create reports on images in your organization? (number of licenses)
- 3) What is the number of sites from which you receive studies & provide reading services to? (number of users and routers)
- 4) What are the study volumes and the average study size in total per month?
No of MRI/CT _____ Average Size _____ MB No of X-Ray (CR/DR/Digitized) _____ Average Size _____ MB
No of US _____ Average Size _____ MB Other (specify) _____ Average Size _____ MB
- 5) Are there any advanced reading tools do your radiologists require?
☐ 3D ☐ PET CT Fusion ☐ Mammography ☐ Orthopedic Templating ☐ Dental
- 6) Do you want referring physicians to be able to access the images and reports via the Cloud?
- 7) Do all the images received are DICOM3.0 compatible? If not please specify the standard followed (shouldn't this be assumed)
- 8) What are the major pains points with your existing RIS/PACS system that you would like to address by adopting a new system (RIS-PACS Platform)?
- 9) Do you want/need to use our integrated reporting system or will you use an existing transcription system?
- 10) What is the bandwidth availability at each of the sites?
- 11) What are the major pains points with your existing RIS/PACS system that you would like to address by adopting a new system (RIS-PACS Platform)?

Pricing is determined by these factors:

1. What type of MWL and scheduling program you need, if any?
2. How many studies will you be sending to the cloud each month?
3. What is the "mix" between CR/DR type studies and CT/MR studies?
4. Do you need to store these images on-line for 90 days or for long term (typically seven years)?

Although we cannot give you definitive pricing without many of these questions answered, we can tell quickly if "cloud" makes sense for you. First you need contact us.

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Catella Cloud 5.0

Key Features

DISPLAY FUNCTIONS:

- Multiple viewing matrices for comparison of multiple image series
- Multiple image layout within a series
- Thumbnail display for image series
- Display of scout lines
- Display of images in ascending or descending order for CT/MR
- Define image layout and overlay parameters based on modality
- Tagging of key images with options for creating categories based on modalities and study types



IMAGE PROCESSING FUNCTIONS:

- Window level, zoom, pan, flip, rotate, invert image
- Hounsfield, ROI zoom
- Hide/show DICOM overlays
- Image stack/review for image series
- Image Stitching

ANNOTATION AND MEASUREMENT TOOLS:

- Line, arrow, rectangle ellipse and text annotation
- Freehand drawing
- Linear, angular and area measurements
- Cobb angle measurement

MULTI MONITOR AND HANGING PROTOCOLS:

- Supports unlimited landscape or portrait monitors
- Spreading of study/series on different monitors
- Screen configuration

PRINT COMPOSER:

- Select from multiple DICOM printers
- Customizable image layout to include images from multiple patients

WORKLIST FUNCTIONS:

- Tree view display of studies and corresponding series in worklist
- Option to select multiple studies for viewing of images
- Display of number of images and study size
- Display the image count and series size of the study in the series level in the local archive
- Option to select multiple studies from a Server to download
- Option to merge and split studies and series

BACKUP MANAGEMENT FUNCTIONS:

- To independently located cloud locations.

QUERY/RETRIEVE FUNCTIONS:

- Pre-defined filters for easy access to required studies, e.g. "All CT Studies Today," "All Female CR Studies," etc.
- Advanced search based on name, ID, study range, modality, etc.
- Advance search that allows user to open a custom search window to search local archive, query and search key images
- Easy loading of DICOM and DICOM DIR files
- Search archive on institution name, referral physician and report status in advanced search mode and with predefined filters (import and export settings are also updated)



REPORTING FUNCTIONS:

- User defined customizable report templates
- Multiple report templates for each study
- Double click images for adding images to report
- Customizable report header to include center name, logo, address, etc.
- Finalization of report to prevent further changes
- Print images using pre-defined layouts through Windows based printers.
- Notes for reporting
- Multiple reports and multiple versions of report
- Presentation state of the images to be retained to images in reporting window

ADVANCED LINE ANALYSIS TOOLS INCLUDING:

- **Skull:** Vastine-Kinney Method of Pineal Gland Localization, Sella Turcica Size, Basilar Angle, McGregor's Line, Chamberlain's Line, MaRae's Line, Height Index of Klaus, Boogaard's Line, Boogaard's Angle, Anterior Atlanto-Occipital Dislocation Measurement
- **Cervical Spine:** Atlantodental Interspace (ADI), Method of Bull, George's Line, Posterior Cervical Line, Sagittal Dimension of the Cervical Spinal Canal, Cervical Gravity Line, Cervical Lordosis (Angle of the Cervical Curve, Depth Measurement, and Method of Jochumsen), Stress Lines of the Cervical Spine (Flexion and Extension), Prevertebral Soft Tissues
- **Thoracic Spine:** Cobb's Method of Scoliosis Evaluation, Thoracic Kyphosis, Thoracic Cage Dimension
- **Lumbar Spine:** Intervertebral Disc Height (Hurxthal's and Farfan Methods), Lumbar Intervertebral Disc Angles, Lumbar Lordosis, Lumbosacral Lordosis Angle, Sacral Inclination, Lumbosacral Angle and Disc Angle, Lumbar Gravity Line, Lateral-Bending Sign, Meyerding's Grading Method in Spondylolisthesis, Ullmann's Line, Eisenstein's Method for Sagittal Canal Measurement,
- **Lower Extremity:** Teardrop Distance, Hip Joint Space Width, Acetabular Depth, Center-Edge Angle, Symphysis Pubis Width, Presacral Space, Acetabular Angle, Iliac Angle and Index, Measurements of Protrusion Acetabuli, Femoral Angle, Skinner's Line, Axial Relationships of Knee
- **Upper Extremity:** Glenohumeral, Acromioclavicular and Acromioclavicular Joint Spaces
- **Specials:** Gonstead Measurements, Cervical Curve