

arcc[®] – State of the Art Enterprise Imaging & Clinical Workflow Solution

One of the biggest challenges in healthcare today is the scarcity of resources! From people to outdated technology, caregivers are increasingly being asked to do more with less. While this can be frustrating across the board, when it comes to patient care, it can mean the difference between life and death. Coming out of the Covid-19 Pandemic healthcare provider burnout is high, and there is no one to backfill the positions being vacated. This is where technology must play a role in providing efficient care. Today, clinical systems must be able to drive multiple workflows. These workflows can range from capturing an image at the bedside to tumor board reviews.

Apollo Enterprising Imaging Corp brings a unique solution to be the primary clinical system for both orders- and encounters-based imaging workflows for 45 specialty-specific departments across the healthcare enterprise. In addition, the solution will centrally manage all images, no matter the department nor the format with their associated metadata. Apollo's solution, The Apollo Repository for Clinical Content, or **arcc[®]**, enables the flow of images across the complete spectrum of care providing a holistic longitudinal view of the patient via their imaging data. Using our patient-centric approach to development, we provide a simplified solution that takes the stress out of the clinical imaging workflow. Efficient workflows drive effective care. **arcc** enables clinicians to manage and view images from multiple departments with multiple data types allowing providers to focus on the patient not the technology. Now caregivers have ONE system that can capture and view all images from every 'Ology.

Apollo **arcc** provides specialty-specific workflows for the easy acquisition and access of patient clinical media and data collected by healthcare providers while protecting patient privacy. It is a comprehensive solution with a foundation designed specifically for enterprise imaging use. Additionally, the Apollo **arcc** solution has the capability and flexibility to support the imaging and patient clinical media management needs of specialties including Radiology, Plastic Surgery, Gastroenterology, OB-GYN, Dermatology, Surgery, Emergency Medicine, and Ophthalmology.

Apollo has an extensive list of supported medical device acquisition modalities, is designed to smoothly add additional ones, and is currently deployed in 45 specialties. Apollo **arcc** captures, manages, and displays patient multimedia, images and data while providing the comprehensive workflow, security, access, and functionality required in a clinical setting across the healthcare enterprise. Other clinical benefits include:

- Enhanced workflow efficiencies associated with capturing and accessing images
- Centralized image repository
- Multi-level security to eliminate unauthorized image access
- Support for live consultations
- Medical rounds and tumor board review capabilities
- Inclusion of images in reports

- Improved decision support due to each member of the medical team seeing the whole patient
- Enhanced access images for use in research and education
- Easily adaptable digital image management workflow with interfaces to third party systems
- Opportunities to provide remote support to medical specialties

Why Apollo **arcc**[®] and the Apollo Team?

<p>Clinical Workflows</p>	<p>Arc can be the primary clinical system for both orders- and encounters-based imaging workflows for 45 specialty-specific departments across the healthcare enterprise. Point of Care Ultrasound, Wound Care, Dermatology, Pathology, are just a few of the departments that can use arcc as their complete medical imaging system.</p>
<p>Connectivity</p>	<p>Connecting devices such as scopes, cameras, and DICOM modalities directly into arcc and being able to capture and view images at the point of care really sets us apart from our competitors. Once images are stored in arcc, our connections continue as we are fully integrated with the Electronic Medical Record to enable collaboration and information sharing with care providers to enhance patient care and improve outcomes.</p>
<p>Archiving</p>	<p>arcc is flexible and robust enough to be the archive destination for all medical im-aging. There is no need for third party systems like DICOM wrapping or XDS to accept and view all image formats. Cloud storage, hybrid, or fully on-premise are all available to meet customers' wants and needs.</p>
<p>Proven</p>	<p>Apollo arcc is used at major medical centers today. The Apollo Team brings decades of thought leadership in healthcare and informatics. This proven solution was tested and is currently in use across the US and Canada</p>
<p>Cost-effective</p>	<p>The proposed solution, Apollo arcc, protects current investments by either fully utilizing or replacing your legacy systems and includes options for phased licensing and interfacing with new modalities as they become available.</p> <p>By leveraging your existing infrastructure, you will avoid the significant hardware costs and proprietary concerns that come part in parcel with other solutions.</p>
<p>Efficient</p>	<p>Apollo arcc is an 'out-of-the-box' solution that was refined with clinicians to create a simple, enthusiastically accepted, solution to traditional problems in imaging. It easily supports the increasing need for flexible workflows, integrated records and robust security and is designed to adapt to current local administration best practices, dramatically decreasing the need for change.</p>

<p>The Complete Picture of Health</p>	<p>The Apollo arcc solution is right for the requirements of this RFI (Request for Information). This same product can seamlessly adapt the size needed to meet the need - and can smoothly incorporate every medical specialty into the established repository to create an enterprise-wide clinical multimedia management and workflow solution.</p>
<p>Better for the Patient</p>	<p>Apollo arcc improves patient care and outcomes by delivering the complete picture of the patient to the medical team in a simple, secure interface.</p>
<p>Easier for the Provider</p>	<p>Apollo arcc data is easy to access and manage, providing consistent interfaces between disparate formats. The workflow reflects the way work is done - it does not require the way work is done to change.</p>

The Apollo solution brings an open system foundation coupled with a device agnostic business and technical environment. This proven approach enables participants to maximize their current investment in deployed technologies and resources. In addition, **arcc** integrates with the EHR (Electronic Health Record) to provide single click access to all patient records and images. Having everything in one place enables quicker diagnosis and treatment. The modern light weight web-based technology is easy to manage, quick to deploy and simple to adopt for numerous departmental and enterprise workflows and data types.

Apollo **arcc** Enterprise Imaging Solution Modules:

The **arccCore** module provides a central, web-based enterprise management and administration console for the solution. **arccCore** has built-in tools such as storage management, utilization, and ILM (Image Lifecycle Management) (clinical Image Lifecycle Management). It provides access to create and manage storage locations, user permissions and role-based secure access, reporting, clinical analytics, provides a basic QA (Quality Assurance) Worklist for DICOM ingested studies, and other enterprise IT (Information Technology) management functions.

arccClinical is the clinical module that is specifically designed to be used in any clinical specialty with full integration to the EMR (Electronic Medical Records) and EMR-driven workflows. It provides the ability to integrate directly to non-DICOM modality devices, auto capture, and ensure the assignment of metadata with relevance and accuracy. The **arccClinical** universal viewer supports viewing images from various modalities side by side within a user's clinical context. **arccClinical** provides workflows for over 45 specialty-specific departments so that every department throughout the enterprise can acquire, manage, and securely access all clinical content. It is a non-diagnostic enterprise viewer that can interface with the EMR providing the ability to view DICOM studies and various non-DICOM clinical images directly from the EMR.

arccMobile is the companion mobile application enabling everyone on the healthcare team to securely capture pictures or video recordings via their smart phones or tablets and immediately upload and use these multimedia objects in their practice.