Vendor Neutral Archiving

DICOM-compliant archiving without expensive downtime.

eRAD

eRAD's vendor-neutral archiving eliminates data silos and facilitates interoperability between disparate systems. eRAD puts data on your screen quickly, whether it originated from a legacy system, another vendor's data archive or an eRAD archive.

To deliver optimal care, you need a full patient history—fast. The origin of that information shouldn't matter. By consolidating islands of disparate data, eRAD Archiving distributes DICOM information when and where clinicians need it—without expensive migrations and downtime.

eRAD PACS provides an option to independently archive data in each of the imaging facilities of a distributed environment. You can keep data from being commingled with another site's data, yet give users the benefit of having all the data available from a single worklist. Access to the data in each archive is protected by privileges managed by the system administrator.

FEATURES

▶ **Data coercion for data integrity**

Users can set value modifications for HL7 data and DICOM objects from disparate sites to maintain data integrity between systems. By automatically consolidating and differentiating patient IDs, eRAD keeps patient data discrete but usable and clean.

▶ **Support for multiple architectures and infrastructures**

eRAD Archiving can intelligently store and auto-route DICOM information from a department, distributed sites or a national data store.

▶ **Multi-tier encryption and security**

eRAD upholds patient privacy regulations and monitors security threats. Privileged users have anywhere access and can easily re-configure rules to meet changing needs.

▶ **Intelligent routing**

Studies can be auto-routed according to user-based rules or time of day. Local caching and optimized routing means that clinicians get their data exactly when they want it.

The eRAD platform is DICOM- and IHE-compliant. Its capacity is expandable; customers can add storage volumes without modifying existing volumes. Multiple, independent archives are supported at any level of the system.

eRAD archiving is vendor-neutral by design and can evolve as new interoperability issues arise. It includes:

- Complete DICOM conformance (for existing DICOM SOP Classes)
- Ability to organize/manage data per organizational node (facility, department, etc.)
- Inbound data coercion
- Data Compression options including negotiating DICOM-supported syntax
- Intelligent, metadata-driven Information Lifecycle Management, including purge
- Ability to create/associate a unique patient/study ID
- Pre-fetching and rules-based (user-defined) routing
- Transaction logging and reporting
- Mirrored configurations with automated failover and reconciliation
- System-wide propagation of HL7 updates
- Storage Reclamation following media migration or data purge
- Security including user credentialing and authentication

> "We looked to eRAD to provide a complete solution that includes the management and archiving of studies. Top on our list was integration to our patient EMR and the ability to create and distribute reports directly from a PACS. eRAD also hosts the complete solution so we have less IT overhead and headaches."
>
> **Sergio Garcia**
> *Radiology Department Manager*
> *Cancer Radiation and Specialty Clinics*