



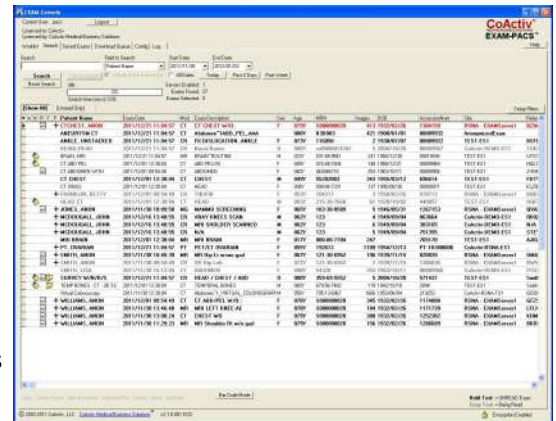
\* Leading-Edge, Affordable and Scalable

\* Available as Either Enterprise Server-Based or Cloud-Based Solution

Whoever said PACS has to be difficult, hard-to-install and expensive? CoActiv proves otherwise. Perhaps surprisingly, every PACS solution, regardless of the vendor, performs a number of easily definable basic functions:

- Acquiring completed digital exams from various DICOM modalities.
- Sending these exams to workstations for reading by a radiologist.
- Storing completed exams in a limited local archive or backup.
- Recalling prior exams for later comparisons.

While most any PACS delivers these, a superior system - like CoActiv - performs at a higher level—quickly, accurately and reliably.



CoActiv assures the most accurate digital images by integrating easily and precisely with all DICOM compliant modalities.

While other PACS vendors apply various forms of lossy compression to move and store large exams, CoActiv always delivers and locally stores images in full resolution. We do not utilize any proprietary formats, as they may display images at less than full resolution.

All DICOM header information is kept completely intact. Any changes in windowing and leveling, annotations, measurements, zoom level, rotation, ROIs and the like are kept in CoActiv's unique MOD files, which store ancillary information with the original, unmodified images. With multiple MOD files, users can view exams in multiple formats. Additional MOD files can be created for teaching and instructional purposes where HIPAA requires turning off screen annotations.

In addition to detailed logs kept of all exam activity, CoActiv also provides instant access to a complete history file associated with every exam. This file includes important information such as where and when the exam was performed, who read the exam, who created any associated MOD files and much more.

Another plus is the ability to view exams according to user preferences. CoActiv supports versatile monitor configurations, whether vertical or horizontal, and single or multiple. Easily customizable protocols allow the radiologist to view an image series in the same screen layout consistently, with each exam series in the same location. If desired, layouts can be changed in a single mouse click.

CoActiv was designed with exam security, privacy and availability in mind. It takes advantage of state-of-the-art architecture for immediate image availability and redundant storage. Created with input from working radiologists, CoActiv is truly functional and adaptable for a wide range of radiology applications.

Scalable from a single location to a large multi-site installation, CoActiv is designed with modular components for versatility and flexibility. While offering a full range of premium features, it is simple and affordable to install, configure, use and service.

## Workstation Options

### Radiologists:

The Diagnostic Workstation, or the radiologist reading station, is the main user interface for the system. Designed for the radiologist, it has full functionality and privileges including the FDA- approved Diagnostic version of the CoActiv viewer which allows an exam to be marked as “Read” and provides integration with various third party dictation systems.

### Technologists and Referring Physicians:

The Clinical Workstation, or the viewing station, is the exam viewing interface for non-diagnostic use. The Clinical viewer, for technologists, referring or consulting physicians, has all the tools and functionality needed to assist in clinical decision-making.



### Administrators:

The Administrative Workstation has the same functionality as the Clinical version, and is intended for administrative personnel to assist in the distribution and pre-fetching of exams as well as scanning related files to the exam.

Using the right combination of workstations and components, CoActiv will customize a solution to meet your specific needs.

## CoActiv Components

**Archiving:** The CoActiv system keeps archived exams online at the local facility for easy access, as well as in multiple Tier-IV data centers in different states for security. These facilities each access different power grids and Internet peering points. CoActiv provides fast exam retrieval along with HIPAA compliant and audited security.

**CD Burning:** Radiological DICOM studies can be received from an existing PACS or directly from any DICOM-Send capable modality and automatically burned to individually custom-labeled CD/DVDs for distribution to patients and referring physicians, or for inexpensive local storage.

**Referring Physician Solution:** This web-based application automatically transmits radiology images, voice clips, reports and other patient information to referring physicians without the need for VPNs. Information is sent securely, quickly and in a background mode, and physicians are alerted when data reaches their local PCs. Images can be delivered at full resolution, without radiologist effort or intervention.

**RIS:** Our advanced, customizable web-based RIS, powered by Swearingen RISynergy®, brings a full range of premium features to the management of medical images. From comprehensive, specialized worklists and automated referring physician communications to a seamless HL7 interface for billing and more, our RIS will help imaging sites manage their workflow with complete electronic ease.

**Teleradiology and Cloud PACS Solution:** With this suite of digital communications products and services designed to optimize the capabilities of teleradiology groups and other radiologists who work in multiple locations, CoActiv enables ultra-fast, anywhere, anytime access to images to provide greater efficiency and fully integrated workflow among all radiology group members, wherever located.

**Zero-Footprint Viewer:** A fully cloud-based, zero-footprint, universal clinical viewer that enables anywhere, anytime review of medical images and reports. Users can view and manipulate exams with ultra-fast speed from virtually any browser-enabled computer or mobile device, anywhere in the world, quickly and securely.

## Customized Solutions for Your Image Management Needs

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