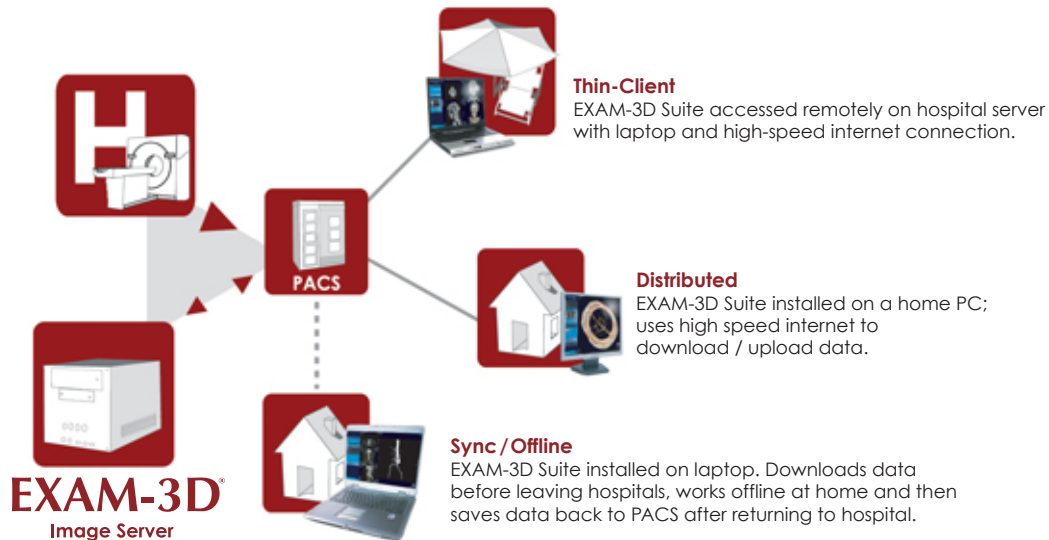


EXAM-3D[®] ENTERPRISE

EXAM-3D Enterprise: Delivering advanced visualization wherever and whenever it is required.

Modern day healthcare places new challenges on radiology departments where access to advanced visualization tools is no longer confined to one or two places in a hospital. Working across multiple facilities and being able to provide access to images for surgeons or primary care are common practice and need a true enterprise advanced visualization solution.



EXAM-3D Enterprise is a new platform that transforms imaging capabilities for healthcare organizations and sets a new standard for enterprise wide imaging.

What enables EXAM-3D Enterprise to be successfully deployed throughout the enterprise is:

- Absolutely no software downloads or patient data are ever present on client systems, with all processing done at the server and only access to a web browser required for completely secure access to full advanced imaging tools and functionality.
- No special hardware is required for servers, reducing cost and making scalability simple. EXAM-3D can run on a wide variety of operating systems, making hardware specifications flexible.
- EXAM-3D Enterprise performs optimally over a standard network or using commonly available cable and broadband bandwidths and network speeds.
- A high quality, intuitive and simple user interface allowing medical staff not specialized in radiology to easily use the software.
- Seamless integration into PACS or RIS further improving productivity without the need for numerous expensive or specialist hardware installations.

EXAM-3D Enterprise is CoActiv's advanced alternative to the EXAM-3D Diagnostic solution. Its highly innovative and unique core design allows for cutting-edge 3D functionality on a local PACS workstation or to more remote locations where hardware constraints would otherwise prohibit the use of advanced visualization through a server based thin client, completing more studies in less time and more accurately.

3D Enterprise Features

True Thin client with workstation level functionality

Complete 3D functionality delivered anywhere in the imaging enterprise through secure web browser connection providing for remote use on low specification hardware.

Saved State and Sessions

Users can save and return to the same point in the application with all presets, orientations, W/L, etc. restored or access the session from another location.

Advanced Multiplanar Reconstruction (MPR)

Simple to create multiplanar reconstructions, obliques and double obliques to provide ideal visualization for a variety of studies such as blood vessels or complex fractures.

Fast Slabbing for MDCT reading

Real-time, rapid reformatting into slabs for reading of CT and MR scans with all data automatically saved back into the study file when integrated into PACS.

Comparison mode

Display two datasets on the same screen (or on different screens) allowing for side-by-side multimodality comparison or current and prior studies. Datasets can be the same volume displayed at different settings or the volumes can be linked.

3D Presets

Numerous one-click presets for rapid selection of key structures such as lungs, bone or vessels and the ability to create, save and import/export customized presets.

VOI (Volume of interest) / Visual 3D shutters

Provides clip-planes to remove objects quickly and easily from the view.

Measurement and annotation

Save lengths, diameters, angles, add text comments and insert arrows.

Volumetric Tools

Semi-automated tool to perform volumetric and area measurements on arbitrary 3D structures.

Volume de-composition into anatomical components

Semi-automatic segmentation, 3D component calculation, measurement, quantitative report and visualization.

View Layout / Multiple Views

Flexibility for numerous types of view layouts depending on the type of study or personal user preference.

Fully integrated with your RIS/PACS

EXAM-3D Enterprise can be easily integrated into the RIS/PACS environment.

User Administration

Web accessible user administration dashboard for user logins, passwords and session management.

Recommended Server System Specifications

Dual Quad core 64 Bit Processors, Windows 2008,7/Vista/XP, 8GB RAM

Recommended Client System Specifications (5 Concurrent Users)

Pentium or better processor, Microsoft Silverlight™ compliant web browser (Windows, Mac or Linux), 10Mb/s Internet/network connection

