McKesson Radiology™ 12.1.1
Flexible deployment helps enhance performance and improve physician and patient engagement

When you consider how important medical images are to clinical care during the crucial initial diagnosis and then again as the patient moves through various treatment stages, it's not surprising that PACS have become so prevalent. Yet, in today's financially strapped healthcare environment, organizations like yours need to get the job done for less. What if you could have it all — the freedom to deploy a full range of features without needing to purchase costly additional workstation hardware?

With McKesson, you can. McKesson Radiology™ is a web-based platform that provides the ultimate PACS experience while allowing you to keep overall costs down. McKesson Radiology Station™, the client application of our McKesson Radiology solution, gives you the superior image display, workflow efficiency and system integration capabilities that you absolutely need while at the same time decreasing your total cost of ownership with a flexible and scalable architecture to handle your organization's growing image data management needs.

When our solutions are in place in your healthcare facility or referring physician's office, they can help you cost-effectively improve patient care and physician engagement by providing radiologists with better access to images so that they can deliver optimal and safe patient care. Healthcare doesn't get any better than that.

Benefits

McKesson Radiology™ helps organizations:

- Enhance access to complete patient information

- Improve clinical care with advanced image analysis options

- Increase physician and patient engagement

- Reduce the cost and effort of deployment

- Cater to specific user roles and requirements

- Increase clinician efficiency with an embedded 3D solution

- Leverage PACS advantages to help improve advanced visualization workflow

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Image access at the right time and in the right place

McKesson Radiology offers various deployment alternatives that meet the requirements of different end users, from robust and feature-rich toolsets for power users and hospital staff to enhanced access to images and clinical reports for referring physicians via zero-footprint viewing clients. These deployment alternatives are not only easy to implement, but sufficiently flexible and intelligent to follow end users as they move within, or even outside, a healthcare enterprise and also retain user preferences for each login, regardless of where they access the system.

We offer five deployment alternatives, each catering to deployment and usability options that address specific business challenges and user requirements:

McKesson Radiology Station is available in both 32-bit and 64-bit variations, for the more performance-focused and diagnostic end user.

McKesson Radiology Station™ Lite is for end users working outside the healthcare facility to deploy a streamlined solution on standard Windows®-based PCs, laptops and even Macintosh® platforms.

McKesson Radiology e-Jacket™ is for referring physicians, patients and "report-centric" users.

McKesson Radiology Station™ Disc is for radiologists to conveniently send CDs to referring physicians, other specialists for consultation or even patients to keep for their own records.

McKesson Enterprise Image™ Clinical Reference Viewer is for the emerging mobile-workflow requirements of radiologists, referring physicians and non-radiology specialists.

McKesson Radiology Station

McKesson Radiology Station offers a level of performance that is comparable, or in some instances even superior, to that achieved on dedicated workstations running previous releases without any change in hardware requirements.

Our solution is available to all end users as either a 32- or 64-bit application. For some, the 32-bit application may be all you need; however, as diagnostic-imaging studies grow both in the number of images acquired and the file size of the individual image, the 64-bit application can handle the workflow demands in a more effective and time-efficient manner.

The 64-bit application is downloaded and installed transparently to the end user to help provide superior performance in the processing and display of very large studies and/or 2-D image series, multi-planar reformatting (MPR) presentations as well as during the simultaneous use of multiple applications.

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Features

McKesson Radiology™ includes:

- Flexible and scalable architecture

- Multiple deployment options to meet varying requirements of power users, hospital staff and referring physicians

- 32-bit and 64-bit applications

- Streamlined solution for Windows and Macintosh platforms

- Portable solutions for viewing images on the web or on a CD

- Expanded support for the display and export of GSPS

McKesson Radiology Station™ Lite

The small-footprint McKesson Radiology Station Lite viewer enables your radiologists and other clinicians working outside the healthcare facility to deploy a streamlined solution on standard Windows-based PCs, laptops and even Macintosh platforms (via Citrix®). They will be able to perform their work with an application that is faster to install, faster to launch, faster to display the initial image of a study and easier to update, all while maintaining the "look and feel" of the familiar full-feature solution.

McKesson Radiology e-Jacket™

McKesson Radiology e-Jacket is a web-viewing tool designed for referring physicians who need quick access to reports and key images and can work with reference quality images (JPEGs). The application runs on any workstation that supports standard web browsers and accesses information directly from the main McKesson Radiology PACS servers. Referring physicians can view reports with embedded flagged images as well as scanned documents, browse through the complete image data set and listen to voice clips.

The solution is simple and portable because it requires no code downloaded onto the client computer. You can deploy it as a stand-alone solution or embed it as an integrated component within another clinical application (e.g., electronic medical record or portal).

McKesson Radiology™ Disc

McKesson Radiology Station Disc is a portable solution that enables diagnostic images, the McKesson Radiology Station™ native DICOM viewer and associated reports to be exported onto a CD. Radiologists can conveniently send CDs to referring physicians and other specialists for consultation, providing the flexibility to view images and reports anytime, anywhere without direct or remote connection to a PACS.

By providing the same intuitive interface and many of the basic and easy-to-use functionality of the full McKesson Radiology Station viewing client, referring physicians, specialists and other clinicians can easily review their cases at any location with no training or loss of time.

Each CD can be loaded with a standard quick viewer (i.e., DEFF, JPEG, TIFF) and/or diagnostic advanced viewer (DICOM) with a basic image manipulation toolset. The McKesson Radiology Station Disc then automatically launches when inserted into a compatible CD drive, allowing the user to quickly and easily review images.

McKesson Enterprise Image™ Clinical Reference Viewer

McKesson Enterprise Image Clinical Reference Viewer is our zero-footprint viewer. This viewer acts as a powerful and easy-to-use single viewing solution for accessing all radiology images from within the McKesson Enterprise Image Repository™ solution (the system that archives

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and manages data on behalf of McKesson Radiology and any connected PACS), regardless of PACS vendor origin. McKesson Enterprise Image Clinical Reference Viewer addresses the emerging mobile-workflow requirements of your radiologists, referring physicians and non-radiology specialists, offering them ease of use within, and even outside, the healthcare enterprise.

The viewer is available to you in two forms: on either Windows-based PCs and Macintosh platforms or on mobile devices such as the iPad®, Android™ and Windows-based tablets. In addition, McKesson Enterprise Image Clinical Reference Viewer readily supports any browser, including today's most popular options such as Internet Explorer®, Safari®, Chrome™ and Firefox®.

Embedded Native 3D Advanced Visualization Tools

Your radiologists will be able to enjoy the familiar user interface of our McKesson Radiology Station when using our native 3D advanced visualization tools. Variable Thickness Regional Intensity Protocols™ (VTRIP™) 2.0 features include 3D Maximum Intensity Projection (MIP), 3D color surface volume rendering (SVR), simultaneous manipulation of MIP and SVR views in unison, automatic and manual segmentation methods (for bone and table removal), interactive bone dimming, and volume alignment.

Native Medical Imaging Collaboration Tools

McKesson Study Share™ enables radiologists and other diagnostic-imaging specialists to organize and share images, teaching files and reference case information needed during daily practice using PACS. The ability to create a decision support library minimizes the time and effort spent on research.

Contact us

For more information about McKesson Radiology, contact your sales representative or visit www.mckesson.com.

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