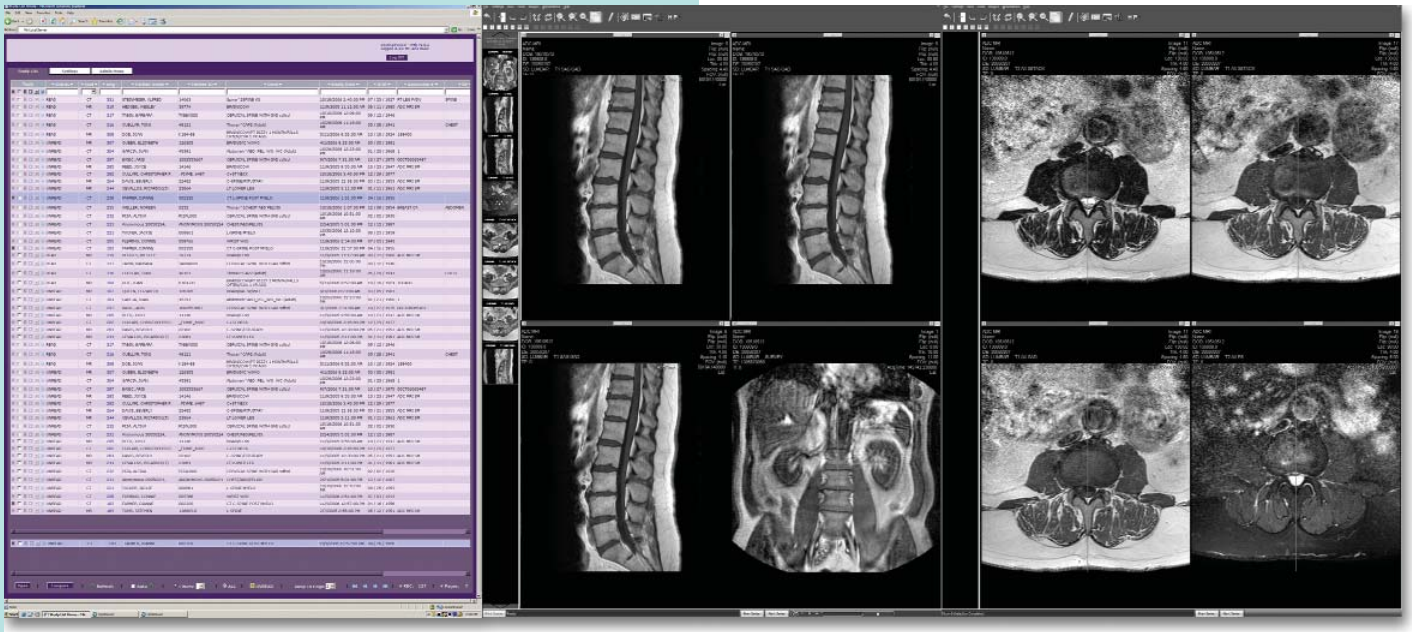
opal-RAD

Your Practice. Your Preference.
Your Productivity Solution.

VIZTEK

opal-RAD

Taking workflow where you want it to go



MULTI-MONITOR CONFIGURATION

Workflow Your Way

A new day is dawning in radiology. And every imaging practice sees today's opportunities and challenges in its own way. With uniquely flexible options, Viztek's Opal-RAD PACS is designed to support the workflow that drives your business and the vision that shapes your practice. Whether you're a small imaging center or a large multi-site hospital, Opal-RAD boasts a full range of leading edge features and functionalities to meet your needs.

Opal-RAD... advanced, simple, cost-effective... and as unique as the way you practice radiology today.

State-of-the-Art... and Much More

A state-of-the-art Web-based PACS, Opal-RAD offers the full range of advanced features, functionalities and tools you'd expect from a premium application... but at an affordable price.

Opal-RAD's thin-client architecture requires only an Internet connection and browser to turn any standard PC into a diagnostic workstation. The result is significant cost savings over proprietary PACS hardware and the flexibility to work anywhere in today's radiology department without walls.

Open and standards-based, Opal-RAD seamlessly integrates images, reports and data from RIS and other hospital IT systems through DICOM, HL7 and related interfaces. Harnessing the latest technologies, Opal-RAD is a Web-enabled, single database, Microsoft.NET application that is scalable and adaptable to grow with you.

Whether for a free-standing practice or large hospital, the advanced software solution will meet your comprehensive range of needs.

Surpassing Expectations

Opal-RAD delivers world-class performance through a unique range of workflow-enhancing features:

- **Anywhere, Any Time Reading**
  A thin-client application, Opal-RAD enables reading from any Web-enabled PC. Along with PACS data, you'll enjoy easy access to patients' entire clinical histories and prescriptions. Advanced streaming speeds information securely and losslessly over any bandwidth. Your existing LAN/WAN infrastructure will support Viztek technology.

- **Direct Dictation to Exam Files**
  Dictate reports directly into exams for permanent archiving and flexible Web-based access, enabling location-free transcription. Opal-RAD's dictation module even integrates with Dragon Speech 9 for hands-free voice recognition.

- **Web-Based Report Management and Distribution**
  Enjoy expert Web-based management of every phase of exam reporting. Along with report dictation and transcription, this includes approvals, online publication and auto-faxing to clinicians from any Web-enabled location.

- **Single Access Point for PACS, RIS and Web**
  For streamlined information access and enhanced accuracy, Opal-RAD seamlessly integrates all information from Viztek PACS & RIS systems, providing access from any Web browser. No need for duplicate data input.

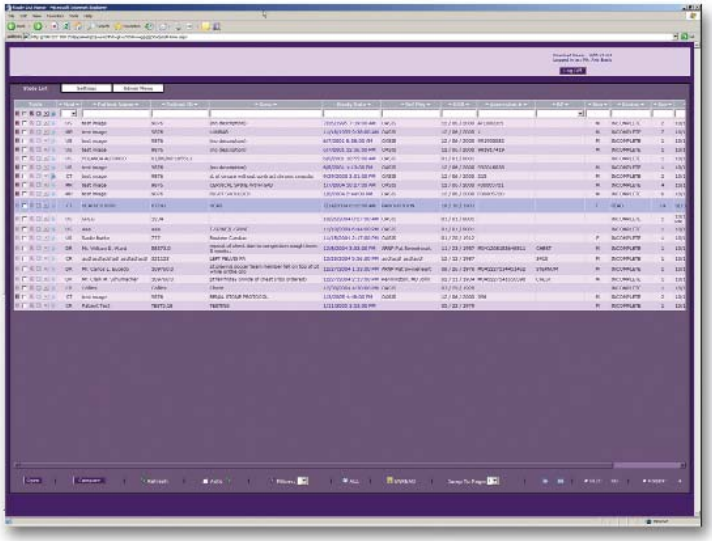
- **Single Vendor, Multiple Solutions**
  With full-featured scheduling, registration, report creation and more, Opal-RIS—together with Opal-RAD PACS—provides advanced radiology data management across the enterprise. Viztek is your complete source for Opal-RIS and Opal-RAD installation, integration and ongoing support.

- **Advanced Customizable Features**
  Hanging protocols, custom Worklists and dynamic toolbars that change with the modality are only the beginning of Viztek's customizable features. A full range of specialized modules lets users add new functionalities to enhance their specialized workflow—from pre-op surgical options to orthopedic templating—without the cost of unwanted features.

The Viztek Value Proposition

Count on Viztek to deliver a host of truly innovative features that benefit today's users.

- **Work Seamlessly in a Location-Free Department**
  Transmitting images among remote sites and tracking the status can be a major challenge. Viztek solves the problem on multiple fronts. Automatic rules-based pre-fetching speeds images where needed so that they are ready and waiting for interpretation. Once files are opened, advanced Viztek streaming transmits data in increasing resolution, giving priority to the most important information based on region of interest (ROI). Radiologists also can manually select additional studies for transmission in background mode.



CUSTOMIZABLE WORKLIST

IMAGE VIEWER

- **Built-in MPR and MIP**
  MPR and MIP capabilities, including full measurement tools, are available to all users via the Opal-RAD product suite. No need for a dedicated 3D workstation. The advanced application even allows archiving of 3D snapshots for future use.

- **Save Storage Space Using MPR On-the-Fly**
  As an added benefit, many practices are finding that our fast processing speed enables archiving of images in one format only. Archived axial images may be reformatted practically and efficiently to sagittal and coronal as needed. What a smart way to save storage space without compromising workflow.

- **Cut Costs Throughout the Imaging Process**
  Eliminating the darkroom and file room by going digital is only the beginning. Viztek solutions help every practice maximize its budget and staff time throughout the imaging process. Enjoy easy digital access to patient clinical history and prescription information, plus Web-based communications with clinicians. Save the time and expense of printing and faxing reports. Opal-RAD is packed with additional cost-cutting features.

- **Streamline Workflow with Intelligent Design**
  Single-mouse-click control over complex tasks, easy drag-and-drop interfaces and smart agents that automate work based on preferences for similar user tasks are just several of Viztek's thoughtful, time-saving features. From the moment you begin dictating your report directly into a study until your images are automatically forwarded for evening reading, Opal-RAD makes the most of your busy day.

- **Drive Your Business**
  Our technology is leading edge. Our support and upgrade policy are state-of-the-art. Make your move into the digital world easily and affordably with Viztek.

opal-RAD features

Powered by medical imaging's fastest distribution engine and open Web-based technologies, Opal-RAD will change the way you think about PACS.

A feature-rich, scalable and flexible picture archiving and communication system (PACS), Opal-RAD enables advanced digital image interpretation, management and archiving at a uniquely affordable price.

Now, every imaging facility, from small clinics to large hospitals, can enjoy the full benefits of state-of-the-art filmless workflow.

Advanced Functionalities and Features

- View images from any Web-enabled PC.
- State-of-the-art DICOM viewer delivers powerful, intuitive workstation functionality with high-resolution multi-monitor support.
- Integrated Web-based dictation and voice recognition systems enable report creation anywhere.
- Single data repository for RIS, PACS and Web ensures exam delivery for seamless record integration in a clinical setting.
- Streaming technology optimizes data transmission based on available bandwidth to eliminate network bottlenecks and speed image delivery.
- Multi-modality, multi-vendor functionality and compatibility.
- Modality Worklist support.
- Quality Control (Q/C) functionality.
- Push/pull technology for flexibility and speed.
- CD burning, DICOM routing and DICOM print functions.
- Hierarchical Storage Management (HSM) for flexible archiving as data ages.
- Cost-effective enterprise-wide orthopedic solution based on a single server that manages complete image distribution and remote data backup.
- RIS report integration using industry standard HL7 protocols for flexible integration with most other medical information systems.
- MIP and MPR on-the-fly.

VIZTEK

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