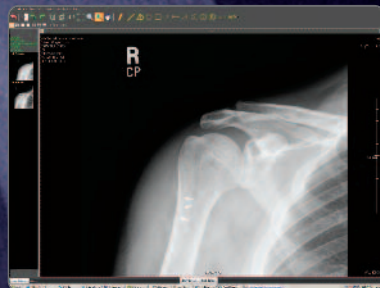


# OPREAL-ORTHO

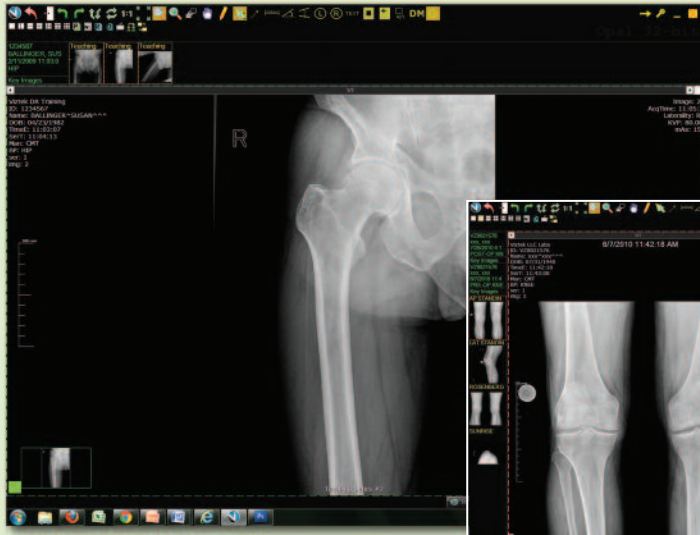


Your Practice. Your Preference.  
Your Productivity Solution.

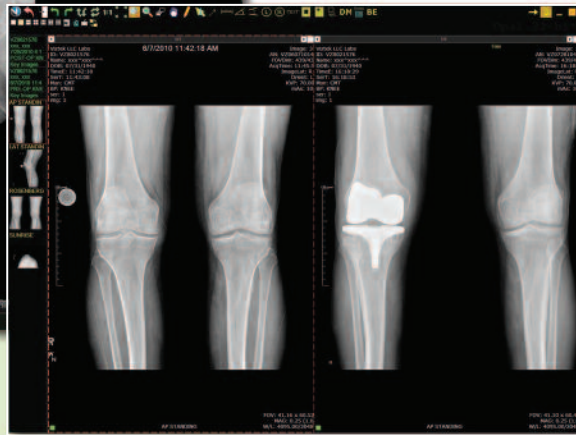


# OPAL-ORTHO

TAKING ORTHOPEDIC WORKFLOW  
WHERE YOU WANT IT TO GO



**BONE ENHANCEMENT**



**RAPID ACCESS TO PRIORS**

## A Message for Administrators

Orthopedic workflow is specialized and unique, and medical images are a crucial part of the way you practice medicine. Speed from simplicity is a valuable asset Viztek's Opal-ORTHO is designed to offer.

Created with the specific demands of orthopedists in mind, Viztek's Opal-ORTHO delivers the tools and functionalities you need, from pre-operative surgical planning and templating to precise image measurements. Viztek supports the demands of your workplace and your personal preferences without all the complexities that are associated with other PACS solutions.

Recognizing that working with images is only a small part of what you do, Viztek's Opal-ORTHO is designed as an important productivity tool to help you make the most of your busy day. With Opal-ORTHO's unlimited license structure, facilities are free to add PCs in every exam room, and not have to worry about running out of costly user licenses.

Opal-ORTHO easily interfaces with any Electronic Medical Record (EMR) or Practice Management (PM) software allowing for a seamless integration into any practice.

Opal-ORTHO's Web architecture requires only an Internet connection and browser to turn any standard PC into a diagnostic workstation. The results are significant cost savings over proprietary PACS hardware and the flexibility to work anywhere.

Opal-ORTHO supports a full range of modalities and seamlessly integrates with other software systems through DICOM and HL7 standards architecture. It is scalable, easily upgradeable and is supported by the outstanding Viztek service team.

## Meeting Orthopedic Needs

**Opal-ORTHO is a world-class PACS fine-tuned for orthopedic workflow.**

### Integrated Templating

Enjoy access anywhere, to enhanced accuracy and simplicity with our digital surgical templates for fracture treatment, joint replacement and deformity correction procedures. Manipulate synthetic and prosthetic system templates and digital orthopedic images to develop precise surgical plans in advance of procedures. Complete template sets for major manufacturers are included. Measurement tools are also available for those that prefer to use analog templating. Film printer purchases are unnecessary with Viztek's Monitor to Lightbox feature.

### Pre-Operative Planning, Surgery Folder

Viztek's innovative pre-operative planning module enables selection and storage of key patient images from multiple exams into a single surgical planning patient file. Templating and other relevant surgical information can also be merged into this customizable file, which is easily accessible from the Worklist. No more searching through multiple exams and scrolling through image stacks for the information you need. Save it once. Then access it with a single click in the operating room or anywhere at any time.



## Specialized Tools

Opal-ORTHO provides a full range of precise measuring tools and related features. These include distance, angle and Cobb angle measurements as well as spine labeling. Our sophisticated image viewer also provides a comprehensive selection of standard tools, such as window/level, zoom and magnify.

## Surpassing Expectations

Opal-ORTHO delivers world-class performance through a unique range of workflow-enhancing features.

- **EMR Integration**

Viztek Opal-ORTHO will integrate seamlessly with electronic medical record (EMR) applications to import full patient demographic information, eliminating duplicate data input.

- **Built-in Offsite Disaster Recovery**

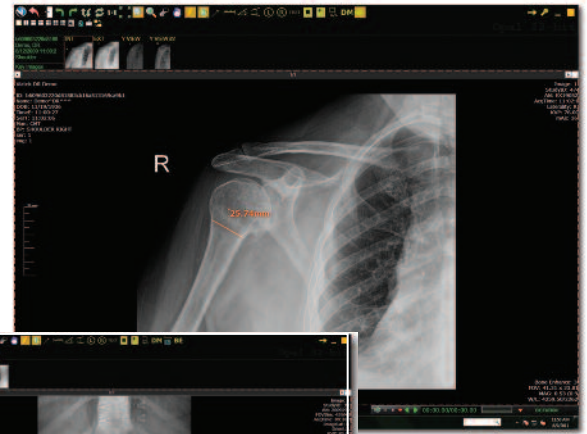
Our technology can automatically send a duplicate copy of every image to Viztek's off-site data warehouse for archiving. This safeguards your valuable information and supports full HIPAA disaster recovery compliance.

- **Anywhere, Any Time Reading**

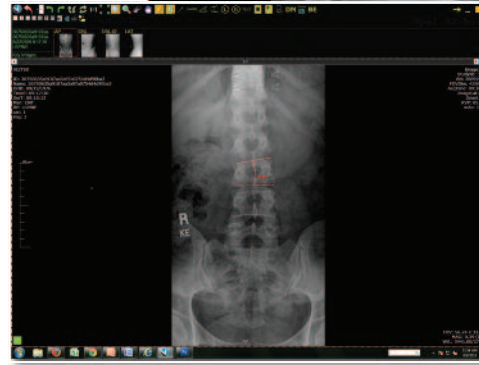
A Web application, Opal-ORTHO enables viewing from any Web-enabled PC. Advanced Streaming speeds information securely over any Internet connection. Your existing LAN/WAN infrastructure will support Viztek's Opal-ORTHO. With wireless technology, you can remain connected to the application in any setting—hospital, operating room or multiple clinic exam rooms.

- **Single Vendor, Multiple Solutions**

You can rely on Viztek to provide a turnkey solution combining hardware and software for your complete digital conversion. We are a leading provider for cutting edge lines of high performance, cost-effective digital radiography (DR) and computed radiography (CR) units.



**DISTANCE  
MEASUREMENT  
TOOL**



**COBB ANGLE MEASUREMENT TOOL**

Viztek's DR and CR solutions cater to the orthopedic market and are available for new and existing x-ray rooms. All of the integration and support is managed at Viztek, the single source for all solutions.

- **Advanced Customizable Features**

Hanging protocols, custom daily Worklists and dynamic toolbars that change with the modality are only the beginning of Viztek's automatic customizable features. Many special orthopedic functionalities such as pre-operative planning and surgical templating are available, allowing you to add only the tools you need without unnecessary costs or complexity.

- **Cut Costs Throughout the Imaging Process**

Eliminate your darkroom, file room and much more by going digital. Viztek solutions help every practice maximize its budget and staff's time throughout the imaging and surgical planning processes.

- **Bone Enhancement**

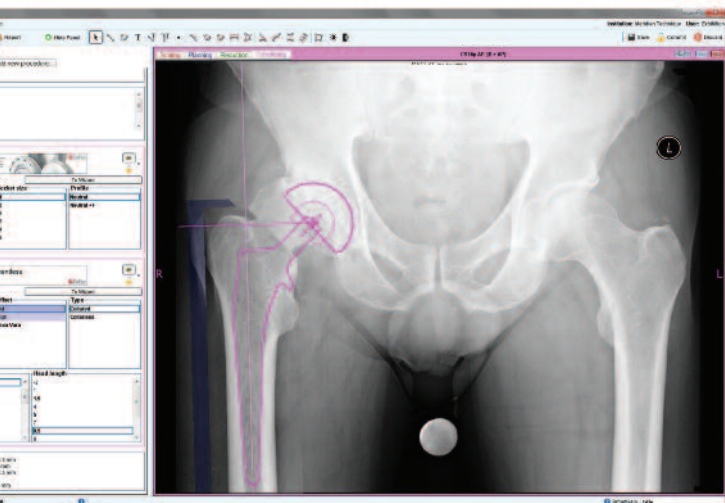
Viztek's unique Bone Enhancement tool offers improved image quality for overweight patients and underpenetrated images.

- **iPad® Functionality**

Viztek has a proprietary iPad application designed for convenience of moving throughout a facility's exam rooms while always having access to patient information and images.

## The Viztek Value Proposition

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.



**DIGITAL TEMPLATING**

# OPAL-ORTHO FEATURES

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

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

Now, every orthopedic practice can enjoy the full benefits of state-of-the-art filmless workflow in a single appliance.

## Advanced Functionalities and Features

- Analog and Digital Templating Options
- Distance Measurements
- Angle Measurements
- Cobb Angle Measurements
- Simple Spine Labeling
- Radial Angle Measurements
- Radial Length Measurements
- Ulnar Displacement Measurements
- EMR Integration
- Automatic Alerts Linking Prior Exams
- Complete Support for Multiple Facilities
- Pre-Operative Planning Module
- Automatic Offsite Archive for full HIPPA Compliance
- Automated Patient Filter Designed for Multi-Physician Practices
- Patient Demographic Interface with Modalities
- Works with **iPad®**



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