VitreaView

Bridging platforms, improving access.

ViTAL

A Toshiba Medical Systems Group Company

The Challenge

In an ever-evolving environment, physicians are being tasked with interpreting patient information from disparate systems to formulate treatment plans. The need for looking at imaging information, whether traditional DICOM, visible light or pathology images, in context with textual reports has never been more critical. Today, this information exists in multiple imaging systems that do not effectively communicate with the EMR, EHR or HIE. These system shortcomings can cause frustration, which impacts adoption, degrades productivity and ultimately impacts clinical usage.

Leaders in healthcare informatics are faced with an increased demand to make things more efficient for their customers through standardization.

For imaging, this can be accomplished through the adoption of a universal viewer that is able to federate disparate silos of information.

The Solution

VitreaView is the universal viewer that directly addresses the needs of physicians who want uniform access through a simple intuitive user interface for all of patient imaging. It offers secure integrated access to imaging through EMR, EHR or HIE. VitreaView also enables access to images from disparate databases, providing one integrated universal viewer. Institutions deploying VitreaView provide standardization and access for medical professionals, who desire to optimize their time and focus on patient care.

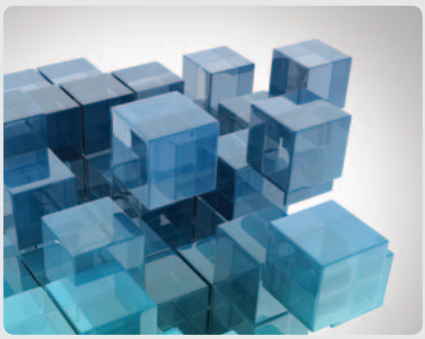
VitreaView

VitreaView allows administrators to deliver the viewer to any user, anywhere, at anytime, and on any device with a browser. Built for integration with EMR, EHR or HIE, VitreaView offers an HTML, browser agnostic, zero footprint, zero download (no need for Flash, Silverlight, etc.) deployment for the user. The solution follows Vitrea® Enterprise Suite, allowing for complete virtualization. It leverages data management capabilities inherent in VIMS offering facilities the ability to manage data either in a VNA or in an environment featuring multiple imaging archives. In addition, VitreaView supports the advanced MINT protocols, which allows for cacheless access to imaging related information.

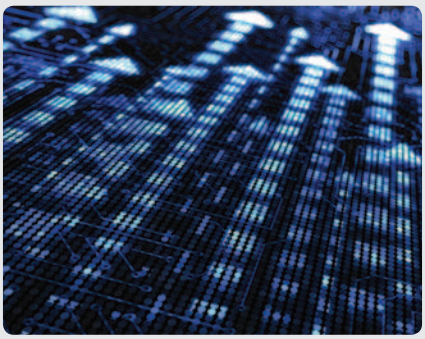
VitreaView is a role-based universal viewer designed for both DICOM and non-DICOM data enabling imaging from all types of DICOM modalities across the enterprise. VitreaView provides clinicians with a patient-centric view of imaging history.

VitreaView continues to build on Vital Images' 20 years of intellectual property and development in clinical applications, data management, and image distribution where time to clinical decision has always been paramount. Vital Images continues to drive trends in healthcare today with promoting systems consolidation and integration while taking a standards-based approach.

Bridge disparate databases



Scalable and modular architecture

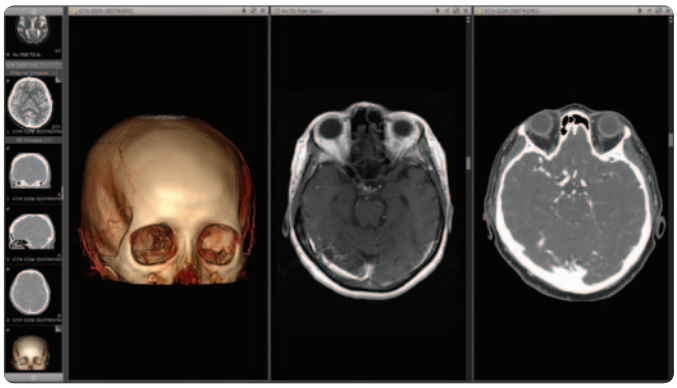


Increase physician productivity

User Features

VitreaView is a cross-browser, cross-platform, zero footprint, universal image viewing solution that offers:

- Display of DICOM and non-DICOM images
- 2D multi-modality review of data
- Basic 2D review tools (zoom, pan, window/level, measure)
- Easy study navigation
- Comparative review
- Role-based design
- Historical search

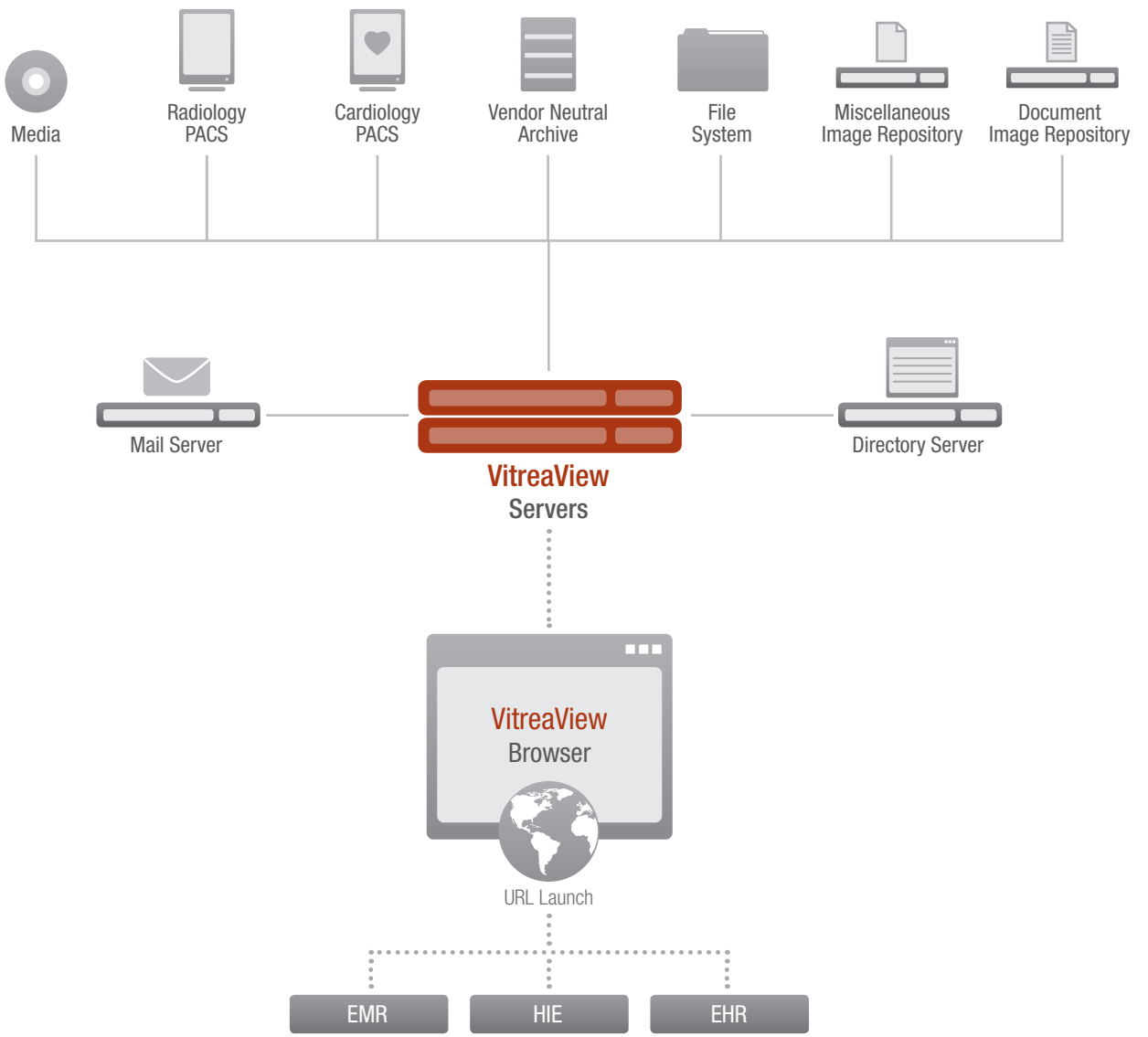


Versatility in Deployment

VitreaView is a software only solution. It is designed to be deployed within a VM environment using highly scalable, fault tolerant, virtualizable off-the-shelf servers in existing data centers. The Vital Images platform is browser and operating system independent. It offers URL and HL7 customizable integrations, allowing contextual launch of patient imaging data in context with relevant patient reports.

Platform Architecture

- Scalable, virtualizable infrastructure
- Browser-enabled device
- HTML
- Single sign-on
- Manage access to multiple databases
- EMR, EHR and HIE integration
- Leverages next generation protocols for viewing, such as MINT
- Cross-platform (Windows, Linux, Mac, etc.)

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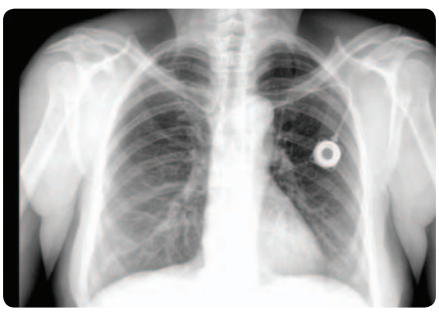

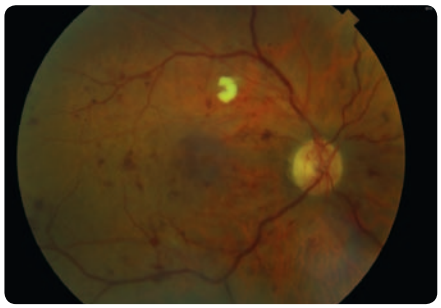

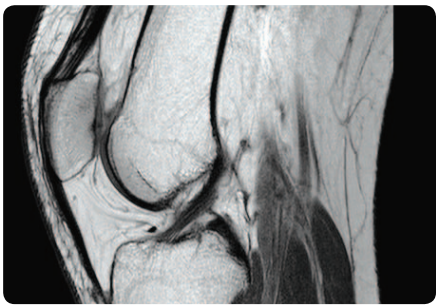

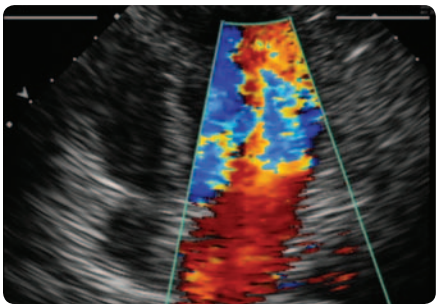

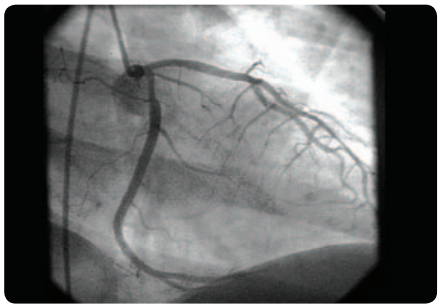

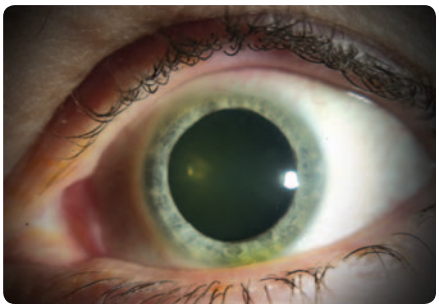

VitreaView has 510(k) clearance from the U.S. Food and Drug Administration.

Vital Images, Inc., a Toshiba Medical Systems Group Company, is a leading provider of advanced visualization and analysis software for physicians and healthcare specialists. The company's software provides users productivity and communication tools to improve patient care that can be accessed throughout the enterprise anytime, anywhere via the Web.

Vitrea® Enterprise Suite is Vital Images' premier advanced visualization solution that provides clinical applications and data management systems, backed by our first-class customer services. Our scalable solution integrates seamlessly with PACS, and is available across the enterprise, via the Web, and on thin-client technologies. The software utilizes an intuitive clinical workflow, fueled by intelligent automation to improve speed and simplicity. Versatile deployment options allow Vitrea Enterprise Suite to be customized for the enterprise. With Vitrea Enterprise Suite, customers have the tools, information and access they need, when and where they need it.

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