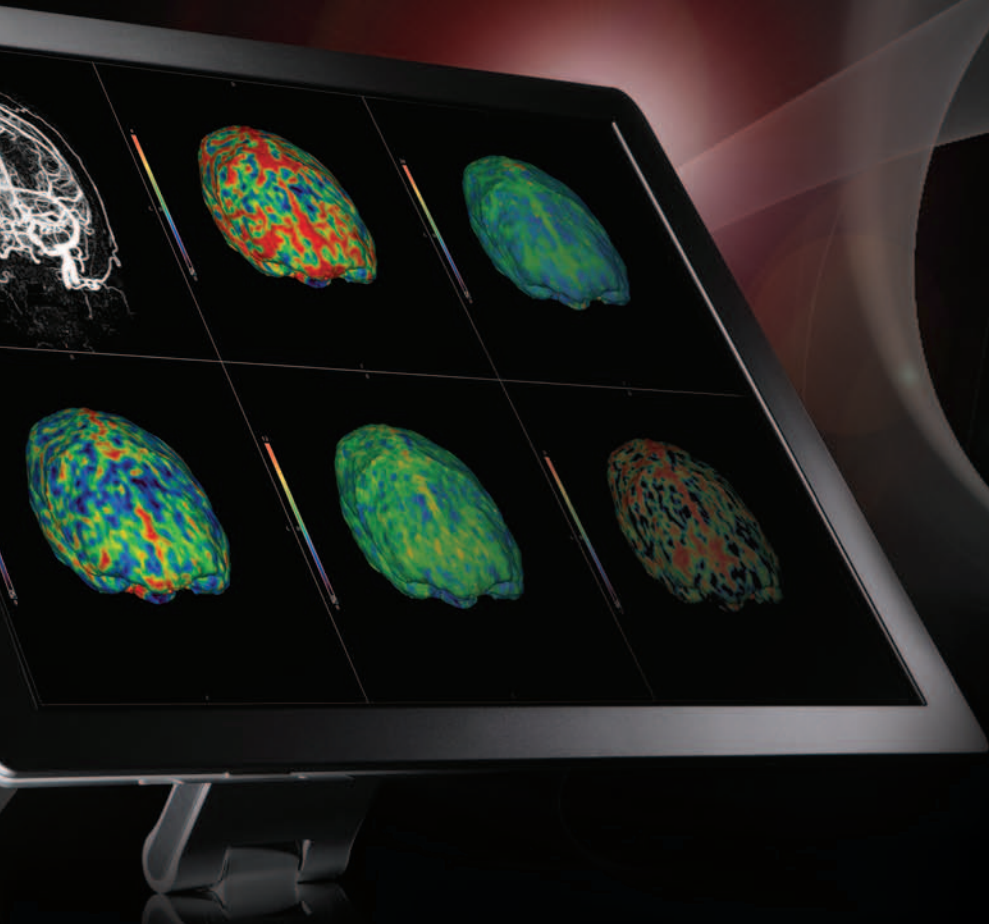




Vitrea® Enterprise Suite





Vitreia Enterprise Suite

Vitreia Enterprise Suite is a comprehensive solution comprised of Vital Images' premier advanced visualization technologies. Regardless of how your solution is integrated, you'll have access to the clinical imaging applications and tools you need, supported by the right technology and services.

Vitreia Enterprise Suite is Vital Images' premier package of advanced visualization tools, clinical applications, and data management systems, backed by our first-rate customer services. Our scalable solutions integrate seamlessly with PACS, and are available across your enterprise, via the Web, and on both thin- and thick-client technologies.

Vitreia Enterprise Suite's software utilizes an intuitive clinical workflow, fueled by intelligent automation to improve speed and simplicity. Versatile deployment options allow Vitreia Enterprise Suite to be customized for your enterprise. Your organization will have the tools, information and access it needs, when and where it needs them.

Solutions

Vitreia Core

This scalable, thin-client solution offers a straightforward approach to complex information, so you can access the basic tools you use most frequently, on the technology you have, wherever you are.

Features Include:

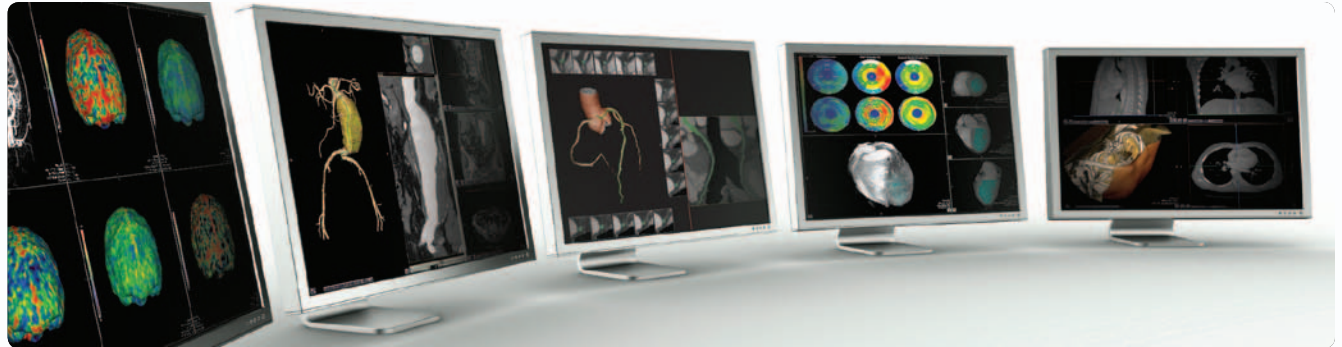
- Web-based accessibility
- MIP and minIP
- Multi-modality 2D and 3D display of clinical images
- Ability to review multi-phase (3D and 4D) acquired data
- MPR (Multi-Planar Reformatting): Orthogonal, oblique, curved
- Colored, volume rendering presets, optimized for imaging protocols
- Measurement tools for length, angle, area and volume
- Advanced semi-automated and manual segmentation to isolate anatomy
- Vessel Probe and Vessel Walk tools for basic vascular analysis
- PET/CT overlay
- Collaboration
- Ability to restore and review interactive results and workflow "snapshots"
- Capture of key images and batches for export to PACS/EMR
- Creation of movies for presentations
- Integration into PACS or EMR systems

Vital Images advanced visualization software gives radiologists, cardiologists, oncologists and other medical specialists time-saving productivity and communications tools that can be accessed throughout the enterprise and via the Web for the day-to-day practice of medicine. Vital Images software enables the visualization and analysis of 2D, 3D and 4D images of anatomical structures and physiological function using CT (computed tomography) and MR (magnetic resonance) image data, supplying information to foster more informed clinical decisions during analysis and treatment planning processes.

Intuitive clinical
workflow, fueled
by intelligent
automation to
improve speed
and simplicity.

Vitreia Advanced

When you need to use full-powered advanced applications with options for cardiac, vascular, neuro and others, Vitrea Advanced is the solution. Customize this software with any or all of our clinical applications, and seamlessly integrate your work into PACS with a few simple clicks. Access tools online without compromising speed or quality.



Vitreia Advanced Clinical Solutions

■ Cardiac Imaging Solutions

This specialized set of CT cardiac applications enables the assessment of coronary artery disease, analysis of cardiac function, and interventional and EP procedure planning.

- Coronary CTA Analysis
- Calcium Scoring
- Cardiac Functional Analysis (CFA)
- Electrophysiology Procedure Planning (EP Planning)
- SUREPlaque™ Plaque Characterization

■ Vascular Imaging Solutions

This comprehensive suite of specialized tools facilitates quick, confident evaluations of CT and MR angiography studies for identification, characterization and interventional planning for vascular diseases. Effectively assess vessels with Vessel Probe technology and communicate results and images with clinical impact.

- Peripheral CTA/MRA Analysis
- Automated Vessel Measurement (AVM)
- SUREPlaque™ Plaque Characterization
- Endovascular Stent Planning
- Automated Bone Removal

■ Neuro Imaging Solutions

Our neuro suite provides tools to visualize and characterize aneurysms, stenosis and other neurological defects in CT and MR. The CT perfusion package allows ER physicians to quickly and easily generate blood flow maps for a suspected ischemic stroke with just a few simple clicks. The suite provides other strong neuro-radiology tools such as MR tumor volume measurements.

- Cerebral CTA/MRA Analysis
- CT Stroke Evaluation

■ Oncology Imaging Solutions

From identifying regions of interest to tumor tracking, this suite of applications and tools provides advanced capabilities to support analysis and treatment decisions.

- Lung Nodule Analysis
- Tumor Segmentation, Measurement and Visualization

■ Additional Imaging Solutions

- CT Virtual Colonoscopy
- Orthopedic Visualization

Vital Image Management System

Vital Image Management System (VIMS) is a centralized server that enables access to images anywhere at any time. This single repository of data is designed around three core architectural principles: Clinical applications, data management and storage management. Each of these principles facilitates scalability, serviceability and delivery of fault tolerance.



By centralizing data management, clinical pre-processing, and distribution of imaging data and tools, this solution is able to optimally manage the data explosion created by the demand for thin-slice CT scans. The technology provides flexible access to 3D information from advanced visualization workstations, PACS workstations, via a Web browser, or from an integrated EMR environment. VIMS utilizes off-the-shelf hardware and leverages industry standard interfaces to seamlessly integrate with and enhance an existing IT infrastructure.

“ I see Vitrea as a powerful tool that is allowing us to bring some of the inter-specialty communication back with our professional colleagues. Advanced visualization image sets is one way that we’re able to re-engage with the surgeons, the orthopedic specialists and the oncologists in the clinical decision making process. It’s allowed us to re-start that conversation all over again. ”

Rasu B Shrestha, MD, MBA

Medical Director, Digital Imaging Informatics and Chief, Radiology Informatics

University of Pittsburgh Medical Center





Vital Services

Vital Support

Vital Images understands that the vitality of your organization depends on reliable technology and minimal downtime. If something goes wrong with your software, we're here to help. Our Vital Support program is designed with optimal productivity of your enterprise in mind.

- **Software Upgrades and Updates**

Whether it's a simple fix, a feature enhancement or a new version of the suite's clinical applications, when we release software you receive it immediately.

- **Customer Service**

Receive immediate expert contact through our toll-free phone number.

- **Dedicated Service Account Manager**

Your proactive and ongoing single point of contact manages your Vital/customer relationship.

Vital U®

At Vital U, our goal is to teach you how to use and leverage clinically-based workflows on Vital Images software for your practice. Education plans are tailored to your needs, and we follow your progress as you learn. When you launch an upgrade or reconfigure your solution, we'll help your team learn new features and adapt to workflow changes.

Vital Consulting

Vital Images employs an experienced team of network engineers, solution architects, application specialists and developers who create highly customized, tightly integrated solutions to meet your unique, complex clinical and technical needs.

From customized integration solutions through structured deployment and adoption plans, our consulting services ensure that you will maximize your investment in our industry-leading advanced visualization solution.





VITAL

www.vitalimages.com

M-05280D