VISAGE IMAGING®
*Visioneering Science for Life*

# True **Efficiency** for Your **Workflow**

# Visage® 7

# Versatility meets Performance

Visage® 7 delivers a fully scalable solution for primary interpretation, advanced visualization, image distribution, and archiving. All functionality is provided in a single thin client software application with native thin slice access and 3D/4D post processing.

Visage is really fast – regardless of whether you view and compare high resolution plain film images, browse through a large stack of CT or MR slices, or post process volumetric and time-resolved data. From day one Visage software has been designed to handle even the largest data volumes in the most efficient way.

# Any Image on **Any Client.** Anywhere.

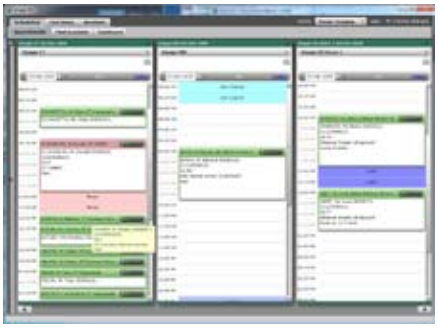
Visage is entirely based on client-server streaming technology with all functionality accessible from anywhere in your enterprise network or via Internet. With the Visage thin client solution there is no wait time for the data to be copied onto your client computer, since all 3D processing and other calculations are entirely performed on the server side.

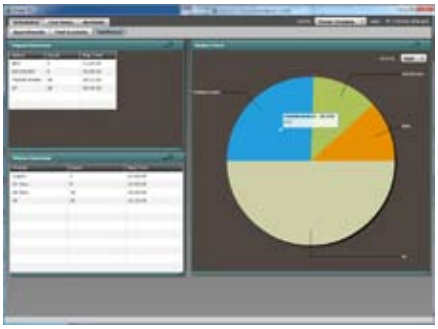
The Visage 7 client is a single lightweight software application and runs natively on all current Windows and Mac OS X client computers – including PCs and laptops in your office or at home. Visage effectively breaks the bond to a dedicated clinical workstation and supports you in optimizing your resources and outcomes.

# Visage® 7

## Managing Your Workflow

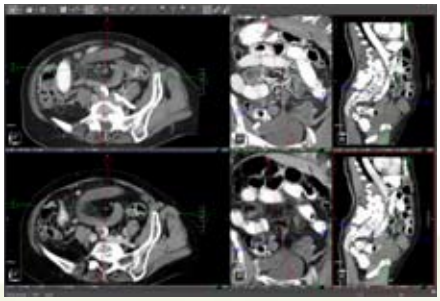
Visage 7 can be tightly integrated with your existing RIS/PACS infrastructure in order to implement an efficient radiology workflow. Alternatively, Visage RIS offers you the benefits of a modern and flexible radiology information system and the unique proposition of a single supplier and support or for all your RIS, PACS, and Advanced Visualization IT.





## Efficient Thin Slice and Multi Planar Viewing

Multi planar viewing of multiple volumes is a native part of the primary interpretation software. This allows every user to generate coronal, sagittal, and oblique reformations on the fly, and switch instantly between thin and thick slices without leaving the application or loosing the current point of focus.

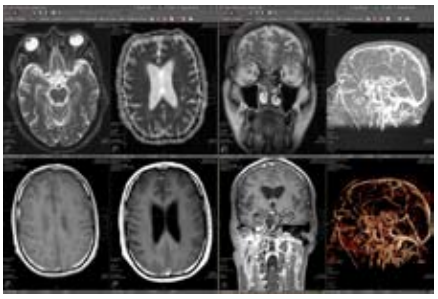


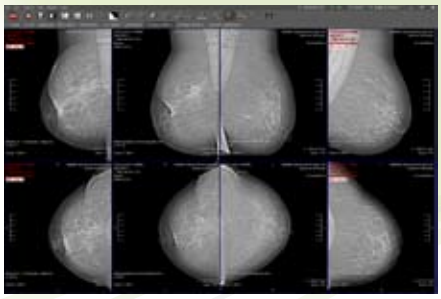
## Volumetric Measurement and Display

Visage provides a multitude of natively integrated tools and protocols for volume based quantitative analysis and comparison of organs, tissues, or lesions. Cropping, slabbing, and flexible control over color and transparency allow to present and interpret complex structures quickly and reliably in 3D.

## Customizable Display Protocols

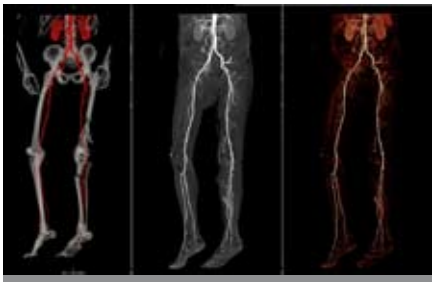
Display protocols are easy to use and provide a consistent experience across all modalities and types of exams. 2D, 3D, and 4D viewing can be easily combined on a single screen without switching applications. The customizable protocols offer flexible control over default hangings as well as a multitude of visualization parameters.

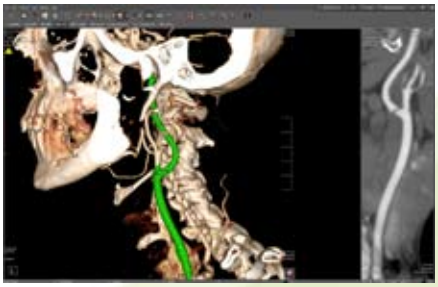




## CT and MR Angiography

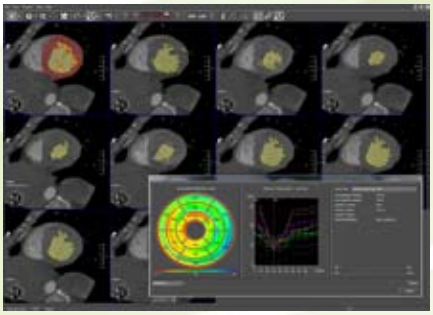
Analysis of vascular systems is fast and powerful providing efficient reformatting and 3D display for quickly finding your way through large amounts of data. Fully integrated bone removal, vessel tracing, curved reformatting, and stenosis measurement help streamlining your interpretation process.

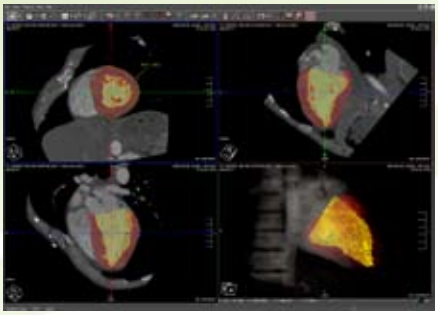




## Cardiac Analysis

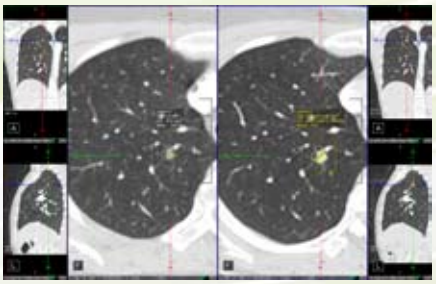
The comprehensive package for cardiac CT processing covers calcium scoring, coronary vessel analysis, and functional assessment of the left ventricle. Visage allows you to load and process all cardiac phases simultaneously, and thus renders functional analysis more efficient and more reliable.

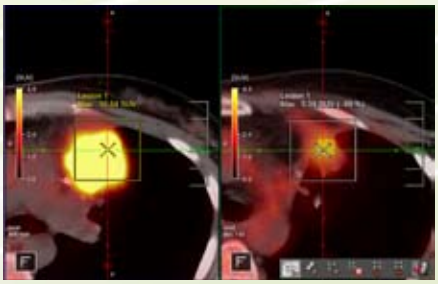




## Oncology

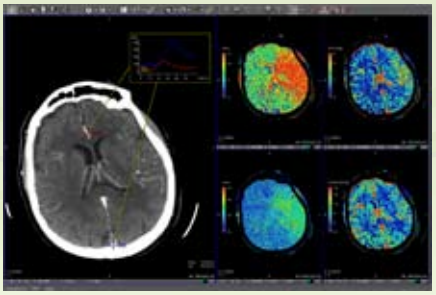
A rich toolset for lesion analysis is an integral part of your primary reading workflow, across all modalities. Efficiently measure and compare lesions according to WHO and RECIST standards including single or dual diameter, volume, doubling time, and SUV based analysis for PET-CT exams.





## Neuro-Radiology

Greatly optimize resource utilization and turnaround times for stroke management. Visage gives clinicians and consultants immediate access to brain perfusion analysis tools and images, regardless of their physical location. The comprehensive package includes CT and MR brain perfusion assessment with ROI-based calculation of mean transit time, time to peak, cerebral blood volume, and cerebral blood flow.



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## Turnkey IT Solution or Lightweight Add-On

You can select Visage 7 as your turnkey RIS, PACS, and 3D solution from a single trusted and dedicated supplier. Alternatively you can deploy Visage as a „thin layer" on top of your existing RIS/PACS infrastructure in order to add enterprise visualization or image distribution capabilities. Due to its small client side footprint Visage can provide a very simple and robust migration path from a legacy IT infrastructure to a new solution and in addition act as a fallback system solution to increase redundancy and availability. Thanks to the thin client software there is no need for dedicated workstation hardware, and total cost of ownership is greatly reduced.

## From Single Practice to Distributed Enterprise

Visage scales easily from a single radiology practice to large distributed healthcare enterprises, and grows with you as your business expands. Using a thin client solution you do not need to route data back and forth in between multiple servers or workstations – all users can access the data directly, regardless of its physical location. This makes deploying, maintaining, and scaling any Visage 7 system easy and reliable.

Radiologists, clinicians, and referrers can access data independently, but from a single server system and with a consistent user interface. The functionality and protocols can be configured for different user groups or individuals.

## Quality and Security

Visage 7 is a secure and robust solution due to its modern streaming technology. Only a single copy of the actual image data is required, and thus consistency is maximized. At the same time, Visage can be scaled out to optimize processing resources and provide any desired level of redundancy.

The Visage server provides automatic consolidation between image data and HIS/RIS information, as well as manual fix-up of patient and image information through comprehensive client-side QA functionality.

## Platforms, Languages, and Integration Interfaces

The Visage 7 client natively supports all current Windows and Mac OS client platforms, and its user interface (GUI) and documentation is available in a multitude of languages.

The Visage server backend is designed to run on standard server and graphics hardware without any proprietary hardware components; a list of qualified server platforms is available from Visage Imaging.

Visage 7 integrates easily with any 3rd party information and imaging IT system (HIS/RIS/PACS) through its extensive and open DICOM, HL7, and OEM interfaces. Special applications can be integrated seasmlessly into the Visage workflow using a client side plugin interface.

## What Users Say About Visage

*"One advantage of Visage 7 is that it's a lot faster, which implies quicker response to patients. Another is that we can have many people looking at the same image at the same time on different platforms."*

**Alastair Firkin**, MD, Lake Imaging

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*„Visage is significantly contributing to the quality of care and service we provide. The ability to process studies anywhere within our multi-site practice allows us to provide more sub-specialized service with improved efficiency and faster report turnaround."*

**Gerard J. Muro**, MD
Advanced Radiology Consultants

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*„There are three important requirements that I consider when evaluating an enterprise server/thin client advanced visualization solution:*
*1) performance/scalability,*
*2) fully featured functionality, and*
*3) seamless integration into existing PACS workflow and applications.*
*Visage addresses these requirements impressively."*

**Paul J. Chang**, MD,
University of Chicago Hospitals

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*„The Visage software has proven to be much more efficient than other solutions, especially for interpretation of CT angiography exams. Using the 3D thin client technology anywhere on the campus, reporting as well as communication with the referring physicians in other departments has greatly improved."*

**Bernhard Meyer**, MD,
Charité Universitätsmedizin Berlin

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Native 3D/4D
Thin Client
Anywhere
Universal Viewer
RIS
Thin Slice Access
Clinical Applications
PACS
Distributed Storage
Anytime


**EU Contact / Manufacturer**
Visage Imaging GmbH
Lepsiusstrasse 70
12163 Berlin, Germany
Phone: +49 30 700 968-0
Email: info@visageimaging.com

**US Contact**
Visage Imaging Inc.
Toll Free: 888-3D-VISAGE (1-888-338-4724)
Andover MA: (978) 319-4641
San Diego CA: (858) 546-4727
Email: info@visageimaging.com

**Corporate Headquarters**
Pro Medicus Limited
450 Swan St.
Richmond VIC 3121, Australia
Phone: +61 3 9429 8800