intrasense™

myrian™ Expert

"3D is no longer reserved to the privileged few: volume rendering, virtual endoscopy and interactive palettes significantly enhance your diagnosis. "

With the advent of Myrian™ Expert, 3D has become *the* standard for highlighting specific pathologies, setting lesions in their specific anatomical context and facilitating communication with clinicians, specialists and patients. For every modality the most efficient tools are never more than a couple of clicks away. Studies are instantly reconstructed and displayed according to the most relevant protocols. Use the volume of interest (VOI) to zoom in on targets at high resolution emphasising lesions and virtual endoscopy to easily explore airways or a colon. The interactive palette is manipulated in the same way as the windowing tool to show up any tissue. Then, simply generate a report containing all your selected images in a second. It is time you added a workstation to your modality or brought 3D to your PACS. Bring life to your practice.

Prof. Yves GANDON
Rennes University Hospital (France)

«Myrian™'s 3D environment and astonishing user-friendliness, as well as its tremendous capacity to evolve help me be more effective at work and better share results with surgeons.»

Prof. Benoît GALLIX
Montpellier University Hospital (France)

«I routinely combine Myrian™ Expert with the department's modality workstations to achieve more effective results and to do things that we quite simply have not been able to do with other software.»

Versatile workspace

For maximum comfort and efficiency, in addition to protocols, move all windows and toolboxes according to your own specific needs
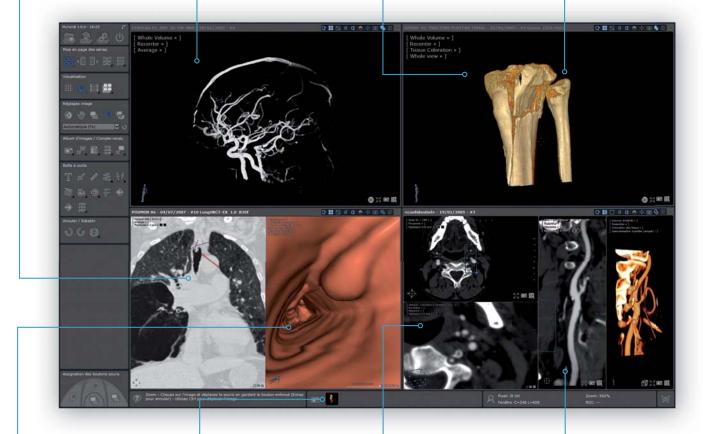
3D reconstruction and MIP

Thanks to 3D rendering in MIP mode, instantly reconstruct the circle of Willis and check for vascular anomalies

Visual masking and bone removal

The bare essentials: "carve" 3D images and get rid of all that is in the way so you can see target structures alone

Interactive palette

One simple mouse movement is all it takes to create a custom colour palette and highlight the tissues being examined

Endoscopy viewport

Draw a freehand path and switch to endoscopy mode to examine airways or a colon using the mouse

AVI movie creation

For more effective communication, export to AVI format from your scrapbook snapshots in one click

Constrained navigation

After reconstruction, navigate along a path in transversal mode, locking automatically onto the centreline

Curved reconstruction

Effortlessly create curved planar reformation (CPR) paths and reconstruct images, then follow a vessel in average or MIP mode

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myrian Pro   myrian Advance   myrian Expert   myrian Expert VL

Available options
SafeViewCreator
QuizCreator
PrintCalibrator

Available Expert Modules
Myrian™ XP-Ortho

C€ IIa 0459   CERTIFIED IN THE USA   TGA-AUSTRALIA REGISTERED   SFDA   G MED ISO 9001   G MED ISO 13485

ICT Viste   nVIDIA   Certified Windows Vista   Windows 7   **Microsoft GOLD CERTIFIED Partner**

	Processor	RAM	Screen Resolution	Graphics Card	Operating System
Minimal configuration	Intel® Pentium IV™ or AMD® Athlon64™	2 GB	1024x768	nVIDIA™ GeForce™ 7800 GTX	Microsoft® Windows® XP Pro SP3 32 bits
Recommended configuration	Intel® Core™ 2 Quad or Duo	4 GB	2 MP monitors	nVIDIA™ GeForce™ 9800 GT 512 Mo and GTX260 896 Mo ATI Radeon™ HD 4890 1024 Mo	Microsoft® Windows® XP Pro SP3 or Windows® Vista Business SP2 32 bits

Tools

Smart display and advanced post-processing

☑ Multimodality visualisation (CR/DR, CT, MRI, PET, US…)
☑ Customizable workspace, integrated monitor calibration
☑ Dynamic display on one, two or three monitors at maximum resolution
☑ Creation and modification of protocols for smart image display and customization of the user interface (6 protocols provided)
☑ Instant orthogonal and oblique MPR reconstruction
☑ Curved planar reformation (CPR) along a path
☑ MPR navigation 'constrained to a path'
☑ Slice thickening in average, MIP and MinIP modes
☑ Synchronized study comparison in any MPR plane of view
☑ Creation of new series in linear, radial or curved mode
☑ 3D reconstruction, 3D MIP, volume rendering with customizable interactive coloration palette, surfacic rendering
☑ Reconstruction and navigation in endoscopy mode
☑ 3D volume of interest, visual masking and bone removal

Advanced tools

☑ Length, angle, surface and density measurements
☑ Density histogram, arrow signage, smart annotations
☑ Customizable selecting, saving and printing of key images
☑ Automatically generated reports containing scrapbook images

Communication

☑ Print to DICOM and/or Windows® printers
☑ Import entire studies from the network in just one click
☑ Smart study management: status, comments, filters
☑ Convert digital images to DICOM format
☑ Export series or individual images in multiple formats (DICOM, JPEG, TIFF, BMP…)
☑ DICOM CD production with a built-in viewer
☑ Diagnostic class certification

User-friendliness and support

☑ Smart launch of any DICOM CD with preview
☑ Simplified multilanguage user interface
☑ Customizable mouse functions, user preferences and keyboard shortcuts
☑ Context help, wizards and clinical guides
☑ Integrated access to support and ISO 9001 certified hotline
☑ Full one-year guarantee including product updates and upgrades, maintenance contract

Compatibility

☑ Runs on Windows® XP, Windows Vista®, Windows 7™
☑ DICOM Connectivity: Store SCU/SCP, Query SCU, Print SCU

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