

ORS Visual

Beyond Perception.

ORS Visual is a fast and powerful advanced visualization/PACS viewer solution. It allows the review and analysis of 2D, 3D and 4D images generated with CT (computed tomography), MR (magnetic resonance), US (Ultrasound) and PET (Positron emission tomography) image data.

ORS Visual addresses specialists' needs through various modules for vascular, vessel probe and other applications. In addition, ORS Visual uses an intuitive clinical workflow and unleashes the power of the graphical processor to improve both visualization performance and segmentation speed. Easy integration with PACS (Picture Archiving and Communications Systems) combined with an extensive line of add-on modules makes ORS Visual the most accessible and scalable solution on the market today.

ORS Visual is built on the same robust and powerful technology platform that ORS has provided for many years in mission critical QA environments in the aerospace industry.



DICOM

- Supports Worklists
- Easy integration with existing PACS
- Creates local DICOM databases
- DICOM file import
- DICOMDIR import
- Automatic image grouping
- Automatic series separation
- Anonymization tool with flexible rules
- Supports non-square Pixel Aspect Ratio
- Reads and displays all DICOM Meta-Data

MPR

- Oblique, double oblique, curved oblique
- Curved and cross-curved MPR rendering
- MIP, AvelP, MinIP and color volume slabs
- 2D review and compare
- 3D cursor and RCS coordinates synch
- Powerful cropping and clipping
- Annotations & measurements
- MPR shape selection
- Drag and Drop image fusion
- Linear, Gaussian and Perlin Window Leveling

User Profiles

- Creates unique user profiles based on user name
- User Login/Authentication
- PACS Query presets per user

Volume Rendering

- 3D/4D Volume rendering (with lighting & shadows)
- Sphere & cylinder clipping
- Creation & export of 3D movies
- Color mapping opacity setting options
- Shaded surface display
- 3D segmentation and volume measurement
- Image registration
- Fly-through and virtual endoscopy

Other

- User configurable keyboard shortcuts for more efficiency
- Burns CDs or DVDs directly from the application
- Exports movies, Cine series and custom size posters

OBJECT RESEARCH SYSTEMS

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