



RADiON
the DICOM workstation



UNLOCKING

Possibilities

In the early 1980's members of the radiology community envisioned a future practice built around the concept of a Picture Archiving and Communication System (PACS). During the past 20 years, as technology has matured, PACS application has gone beyond radiology to affect and improve the entire spectrum of healthcare delivery.

In fact, the very first DICOM workstation - DIOGENE was created at Geneva hospitals during 1970's. It collected and displayed patient information on computer monitors. Over the years DICOM workstations have evolved from simple display workstations with a small image database to complex enterprise image management systems.

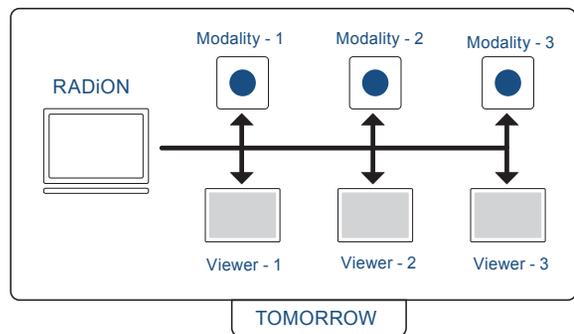
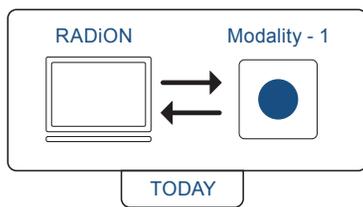
With RADiON, a multi-modality DICOM workstation solution we take you to the next level. We unlock before you a world of immense possibilities...

Unlock a complete new world of possibilities with just a single key—RADiON—a standalone multi-modality DICOM workstation solution.

Whether you are a small diagnostic centre, a multi-speciality hospital or a medium-sized facility planning to switch over to PACS, the possibilities are unlimited.

Scalable DICOM Workstation

No matter what your size, RADiON is perfectly suited to meet your needs. Start off with a single modality workstation and upgrade to a micro PACS environment to include more modalities and viewing stations as your organization grows.



Open Architecture/ Standards

RADiON is developed based on an open architecture and standards that are compliant to DICOM 3.0. You can easily migrate to an enterprise-wide PACS at any time you want and that too with the least effort!

Highly Customizable UI

RADiON redefines usability with its highly customizable User Interface. You have the flexibility to define what you want to see in RADiON - from toolbar options, image overlays, image layouts to much more.

Versatile DICOM Solution

Do more with a single product. Use it as a Primary Reading Station or a Reporting Station or a Media Distribution Solution or a Non-DICOM Workstation or an Advanced Visualization Solution – the choices are endless. With its ability to morph into many DICOM solutions, RADiON provides you value at really affordable prices.

The KEY to opening up multiple choices

- Primary diagnostic/reporting station – 2D/Reporting module
- Advanced visualization – 3D
- Media distribution – DICOM print/CD
- Teleradiology routing station
- Non-DICOM workstation – DICOM converter

Unlocking a whole new reporting sphere

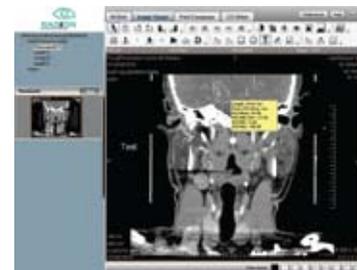


A feature rich 2D viewer incorporated with multiple display options and essential image processing tools including standard image processing tools, annotation and measurement tools, RADiON is the ideal diagnostic station for Radiologists. RADiON also supports viewing of images/studies on multiple monitors making it easier for Radiologists to compare images/studies and diagnose.

Reports can be quickly distributed by using one of the pre-defined report layouts and printed on Windows based printers. RADiON has a template based reporting module with pre-stored customizable templates for each study. Reporting is made even simpler with the “Create your own Study” template tool.

Taking Visualization to a whole new echelon

The state-of-the-art 3D visualization plug-in for CT and MRI DICOM volume imaging provides high quality volume rendering that can be viewed and manipulated using an interactive UI. It includes Real-time Interactive MIP rendering, with MIP radials, slabs, thresholding, bone-removal and MPR functions (comprising interactive oblique and double-oblique sectioning), Multi-MPR series generation, MPR slabs and curved MPR.

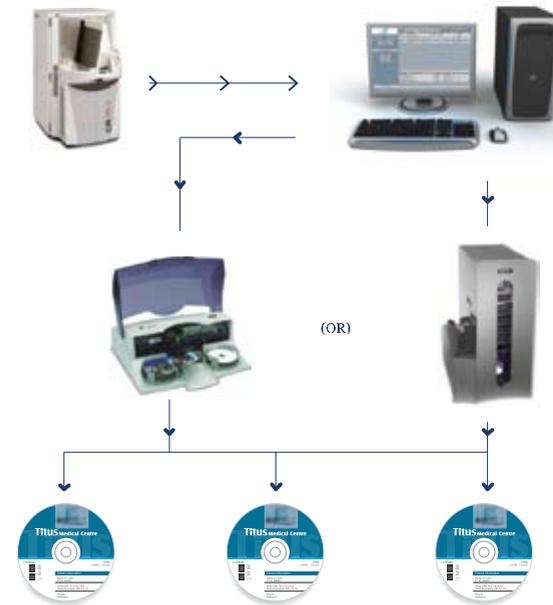


Region segmentations can be defined on the 3D or MPR display and measurements can be calculated for the selected region. Volume interiors are visualized using a Cut-Plane to slice through the volume and reveal the interior regions.

Making DICOM study distribution simple

DICOM Print

RADiON's unique DICOM print composer allows you to select and organize the images in a highly customizable layout. You can select one of the pre-defined layouts or even create your own layout. RADiON also enables you to configure multiple DICOM printers as well as film orientation (Portrait or Landscape).



Study Distribution

DICOM CD/DVD Burn

RADiON includes an intuitive CD/DVD distribution facility which can be integrated with automatic disc publishing systems (Rimage or Primera) to write DICOM studies in an automated manner. With options to print a customized label on the CD/DVD, RADiON negates the need for a separate CD/DVD burning solution. All discs written have the option to be embedded with a DICOM viewer and anonymized patient details.

