



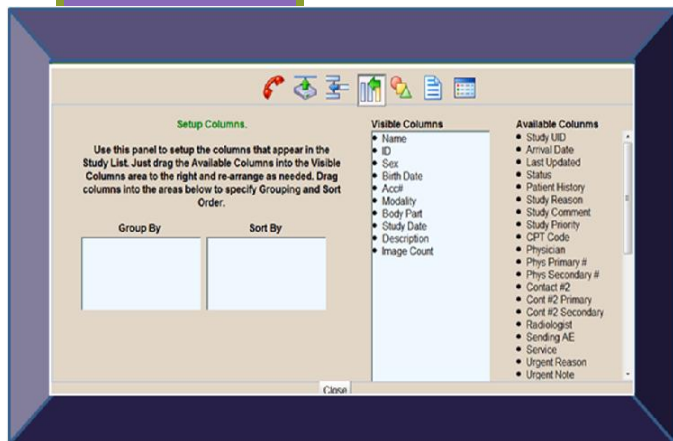
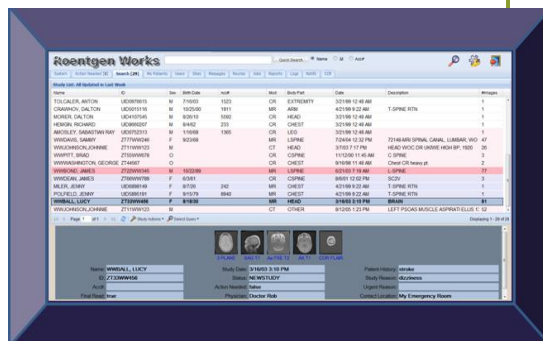
ROENTGEN WORKS

*Beyond
Roentgen
Imaging
Technologies*

ROENTGEN WORKS is BRIT's latest family of tools for support of distributed radiology environments, developed from the ground up with the latest web-centric development tools and designed to provide and utilize information over the Internet. It is designed to provide full, low cost services that can be deployed via fast "cloud" implementations, accessed via browsers and become a source and user of knowledge in the web, in what we've termed the "Medical Web Knowledge Tree". It integrates with Roentgen Files so Roentgen Files users can participate in the Knowledge Tree and Roentgen Works can utilize the years of investment in Roentgen Files tools.

Designed from inception to support multiple facilities both within and across enterprises and to support HIE communications, it is an ideal solution for a Vendor Neutral PACS or for web enabling legacy PACS.

Roentgen Works is written in GWT (Google Web Toolkit), utilizes the Java Database (Javadb) and is built with clustering technology so all size implementations include disaster recovery and business continuity. Javadb is an advanced, SQL database that is an integral part of the toolkit, eliminating a major source of instability with Java applications accessing a database. It is also easy to manage: the database is self-tuning, eliminating the reorganizations of legacy databases; and, it is self-replicating within the cluster.



Achieving another level of sophistication over most browser-based applications, customization of the user's interface is supported. Users can build their own workflows by selecting which modules to display within the tabs of the application; they can also select which columns to display and adjust the widths of them. A special area below the worklist supports providing additional information on the selected study.

ROENTGEN WORKS COMPONENTS

The following comprise the core set of modules in Roentgen Works:

- DICOM Server
- WebWorks* – Browser-based Medical Image Viewer
- Roentgen Works Flow* – special configuration for supporting remote reading service

ROENTGEN WORKS

Optional modules include:

- Bidirectional HL-7 Interfaces for support of multiple HL-7 streams
- UrgentWorks* – Critical Results Reporting Tools / ER Discordance Tools
- SpeechWorks* – Voice Dictation / Voice Recognition / Transcription Report Creation, Storage and Distribution Tool

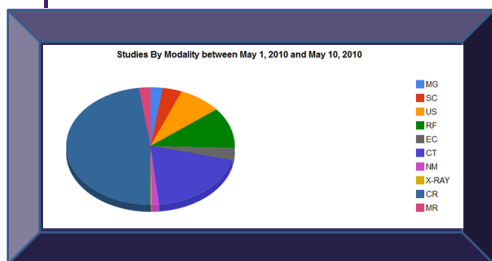
ROENTGEN WORKS DICOM SERVER

BRIT brings many years of DICOM knowledge and database design to this product. There is extensive support for DICOM objects and the system rapidly stores images from multi-slice CTs, color/cine Ultrasounds and complex MRIs. Non-DICOM object types are also supported, such as pdfs and sound files. It includes native support for multiple facilities: user and modality set-ups require associations with one or more facilities and studies are stored into facility areas so conflicts with items like accession number are prevented. User profiles include the myriad methods used today to communicate with people, such as phones, mobile devices, pagers, fax and email. From any browser, users can dynamically update their profiles. Profiles include the information about a DICOM workstation (AE Title, IP address, port) that can be used to download studies to the user. APIs allow workstations, such as the OsiriX, to use Roentgen Works worklist directly.

HIPAA SUPPORT

HIPAA support is provided by:

- User authentication and flexible password policy rules
- Auto-screen blanking after set time period
- Tracking of patient access by user ID in a file that can be imported into other databases



MANAGEMENT INFORMATION

- Complete exam history available at click of a button
- Granular Statistical Analysis, including turn-around times
- Selection or report types and tools
- Export data to excel, Crystal Reports

SUPPORT AND PRICING OPTIONS

- Roentgen Works redundant servers located in secure ISP environment
- BRIT 24 x 7 system management support
- Web-training for users
- Available for purchase or as an ASP

**Pdfs for these products are available*