BRIT Systems

ROENTGEN WORKS

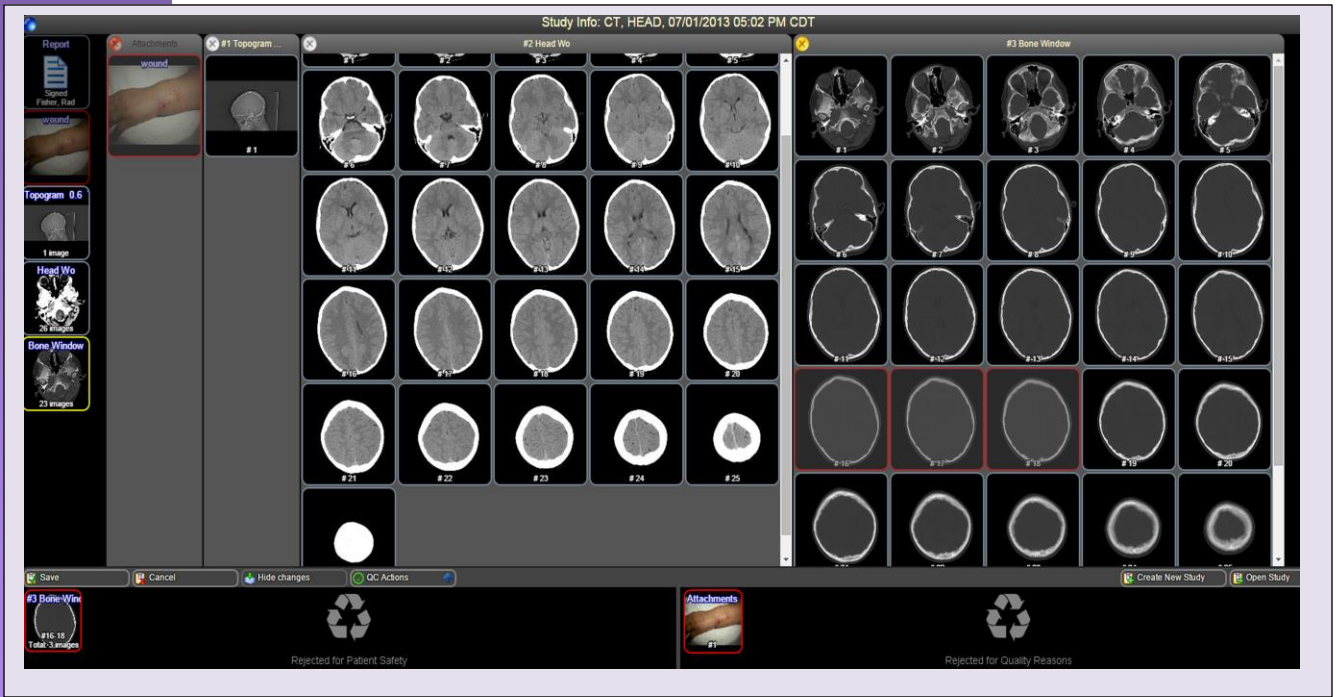
QC Workbench V3 with Image Object Change Management

Zero Foot-Print

Without Sacrificing Flexibility Or Function

Roentgen Works QC provides advanced utilities for changing medical imaging studies via a zero-footprint browser and returning the repaired study via Image Object Change Management (IOCM) to compliant DICOM servers/ VNAs. Advanced study manipulations that until today required a dedicated platform now can be performed anywhere inside or outside the hospital, from any computer using an html-5 compliant browser connected to Roentgen Works. Using the QC Workbench, a licensed utility of BRIT's Roentgen Works, the following changes can be performed:

- Match study to an order
- Edit the study information
- Create new, named series
- Create new study
- Move images / attachments between series, studies and patients
- Rearrange / delete images and attachments
- Separate image rejection buckets for quality vs patient safety
- Merge patients
- Black out or shutter areas on individual images or all images
- Anonymize patient information
- Replace markers in the image (such as L / R)



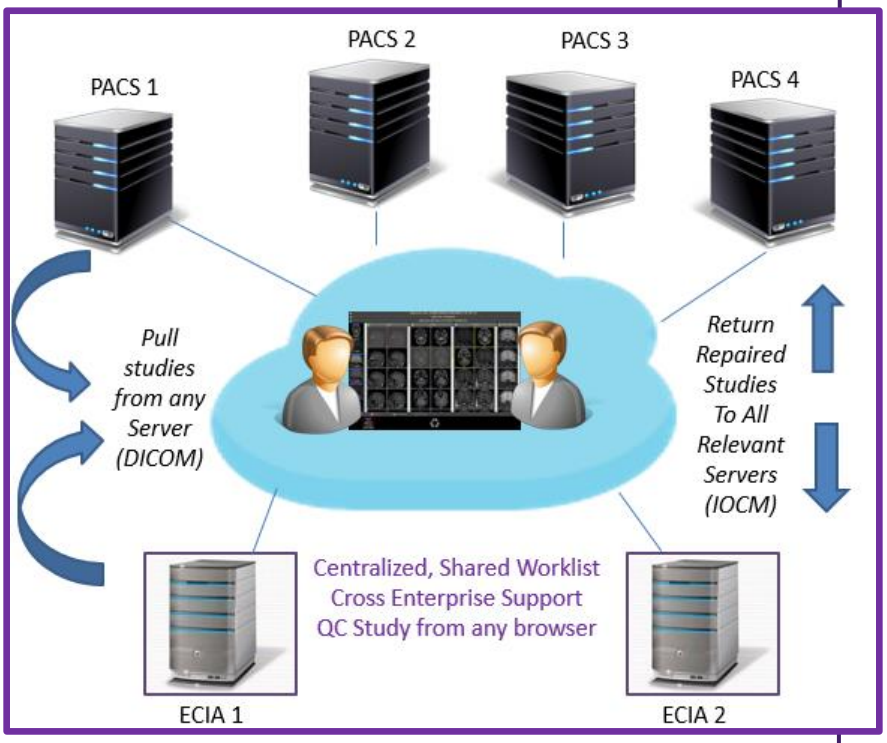
The ability to toggle between before and after views allows the user to visualize the results before finalizing. Undoing steps is via a single click.

Custom Solutions for Medical Imaging

3102 Oak Lawn, Suite 400, Dallas, TX, 75219 800-230-PACS Phone: 214-630-0636 Fax: 214-630-1638

ROENTGEN WORKS

QC Workbench with Image Object Change Management (Continued)



Roentgen Works QC front-ends PAC / VNAs or sits between them. At any point during or after the QC actions, the technologist can view the changes, undo a step and recreate the original study. Studies can be sent to Roentgen Works (RW) or RW can DICOM Q/R studies from any number of attached servers. System managers can mark any study as requiring QC and users can search on this setting or on any patient name, ID, etc. Thus, all QC techs can share the same worklist across multiple sites/servers while working from any networked computer. Changed studies are then returned to one or multiple servers, such as the PACS and ECIA (Enterprise Clinical Image Archive / aka VNA), via IOCM and Roentgen Works' built-in DICOM routing rules.

Support of IOCM also means that Roentgen Works, when configured as either a PACS or an Enterprise Clinical Image Archive (ECIA) or the front-end to either of these, manages change with minimal system manager support. Changes can be made in a single location and the resultant study can be sent to multiple system. As with other Roentgen Works utilities, the intelligently designed GUI allows users to quickly become productive with minimal training.

Note: The IOCM profile is currently in the DICOM trial implementation phase as part of the IHE Technical Framework Supplement.

SaaS or Purchase Options

Roentgen Works offerings are available as a SaaS offering, purchase, or combinations of both. All Roentgen Works offerings provide a clustered environment with geographic diversity.

System Requirements for Viewers

Browser: Firefox, Safari (on Apple) and Chrome – Internet Explorer 11 or later works with restrictions.

Memory: Minimum 700 MB, Recommended 2 GB

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