Imaging Sharing - It's not what you think.

It's not just about moving images around. It's about enabling access to view all images, regardless of their origin. This is a need that is well understood in radiology. Clinicians require access to data in real time to understand the ever-evolving patient story. It can be a challenge because people – clinicians and patients – and data are constantly in motion. Images acquired at one facility ultimately must be viewed at another facility.

Current solutions for image sharing are widely adopted but still leave gaps. Whether outside images reside on physical media such as CD/DVD, or are stored within another PACS, VNA, or image sharing system, there remains labor-intensive and error-prone manual processes to normalize data and get these images into your existing PACS, VNA or other data management solution.

"At Vital, we have an image sharing solution that seamlessly integrates to your current systems to close this gap," says Product Line Director, Jeff Hendrikse. "Our solution automates and unifies the manual processes of getting outside images into your primary clinical systems and workflows."

Built on a truly content agnostic architecture, our solution offers modular and configurable services to address a variety of workflows:

Image Upload from CD/DVD
- Intuitive interface delivered at the point of care decentralizes the upload of images for viewing and/or ingestion
- Flexible workflows allow for the separation of image upload from data reconciliation and ingestion, allowing control over which data is stored in your archive

Clinician Viewing
- Allows clinician viewing at the point of care
- Allows the immediate comparison of priors with the current images – independent of the process to move the outside images into PACS
- Ability to send secure links to studies via email

3rd Party Integrations
- Send images from study list or viewer
- Automate and unify the study receiving process

Patient Matching (of outside study with what is known in PACS)
- Probabilistic-based algorithms to cross-reference patient demographic data
- Patient identifiers are mapped into those recognized by destination archive
- Optimize matches based on a configurable set of patient demographic data

Data Reconciliation (of outside study with what is known in PACS)
- Rule-based terminology mapping engine
- Localization of study information for correct hanging protocols
- Conversion of reports between formats: DICOM Structured Reports, HL7 ORU, HL7 CDA

Extend the reach of your local PACS
- Enterprise-wide prefetching
- Identification of all relevant priors across multiple source archives (PACS and VNA)
- DICOM- and XDS-based queries to imaging repositories

Image View and Download
- Integrated launch from EMR, Physician Portal or Patient Portal
- Ability to email secure links to studies
- Permissions-based DICOMDIR downloads

For more information please contact us at 866.433.4624
or visit www.vitalimages.com

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