Enterprise Imaging
Shared Reading Workflow

A reading workflow that enables a unified worklist and reporting, across sites and regions

Read, report, return: "anywhere, anytime"

Exchange and collaborate to speed up reporting, for timely diagnosis and treatment"

As imaging takes a central role in the diagnostic process and timely treatment, the need for efficient reading and reporting workflows across the healthcare enterprise places more pressure on hospitals and the radiologist.

Efficiency is also the driving factor for hospitals to join care networks. The **shortage of qualified radiologists** means that many sites do not have the luxury of an on-site radiologist available 24/7. This can be especially true for remote and smaller clinical facilities. And while specializations such as neuro-radiology and pediatric radiology offer powerful new support for patient care, these specialists must be able to offer their expertise to a broad audience of hospitals and clinics.

Sharing images between sites and facilities already enables improvements in patient care and helps reduce the need for duplicate procedures. Now, **take the next step by sharing a reading workflow**: radiologists interpret your patients' images, without being on-site, giving you access to reading and reporting services, when, where and how you need them.

By combining Enterprise Imaging's tools for reading, multidisciplinary collaboration and the Agfa HealthCare XERO universal viewer, every type of healthcare facility – including urgent care units, imaging centers, private practices and mobile imaging services – can **keep the imaging workflow moving 24/7: for reading, reporting and returning the diagnostic report.**

With the Enterprise Imaging Shared Reading Workflow:

- Radiologists can share a unified, centralized worklist, across affiliated and non-affiliated sites.
- Radiologist can report remotely with access the worklist and reporting tools; Including access to all relevant prior images and reports.
- The reading and reporting workflow is more efficient and balanced.
- Data and workloads can be shared across sites, networks and regions.
- Hospitals can provide fast imaging services, even in busy times, regardless of resource constraints.

AGFA HealthCare

Enable 24/7 specialized medical image reading – for every facility!

With Agfa HealthCare's Radiology Shared Reading Workflow, you can close the geographical gap between the image-acquiring site and the reading radiologist, and enhance collaboration between multidisciplinary teams. Remote reporting speeds up report turnaround, helping to optimize the facility's resources and improve workflows and regional collaboration, both within and outside of hospital networks.

Task-based workflows, across sites

With its rules-based, task-focused workflow, Enterprise Imaging drives the imaging chain from order generation through to report publication, to meet your remote reporting needs.

The workflow engine orchestrates tasks based on criteria such as patient age, type of patient (inpatient/outpatient), ordering facility/department, performing facility/department, reading task creation date, on-call radiologists, etc. Escalation rules are available: tasks not completed in a specified timeframe are reassigned (automatically or manually) when necessary, for a smooth progression from order to report.

One central task list

Enterprise Imaging unifies the task list for all the subscribed hospitals – both affiliated and non-affiliated. Remote reading tasks are created, updated and assigned, and the image data automatically made available for the appropriate PACS. After reading, the diagnostic report is automatically sent to the site of origin.

Enhanced care team meetings

Exchange and collaboration tools in the Enterprise Imaging platform enhance the efficiency and effectiveness of multidisciplinary teams and tumor boards.

Colleagues in different locations can chat, share images and reports, and discuss the patient's case easily, in real time: and all remotely.

Stay informed with monitoring and Business Intelligence

Many networks and enterprises use service level agreements to ensure that they are getting the reading service support they need.

By monitoring and managing the reading tasks, you can stay informed of operations, while Business Intelligence tools, such as the dashboard showing report turnaround time, help you make sure you are **meeting or receiving your service obligations**.
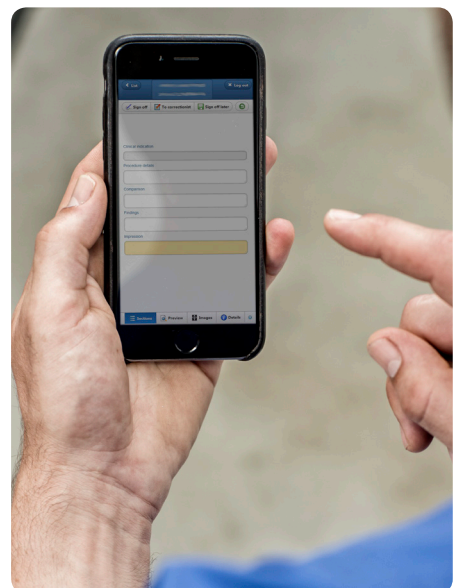
Shared Reading Workflow

Affliated Hospital

Non-Affliated Hospital

Clinic

Reporting Worklist

Repository

Academic Specialist

Remote Reading

Multidisciplinary Team

Remote or mobile?

True anywhere/anytime task completion!

Reading radiologists can benefit from Enterprise Imaging to access their worklists and report studies "anywhere/anytime":

- **The diagnostic desktop:** this full-featured desktop enables remote reading and reporting, with workflow management, integrated reporting with speech recognition, sophisticated hanging protocols, advanced image processing capabilities, and much more.

- **The XERO viewer:** the universal, web-based viewer adds mobile technology for collaboration, access to sign-off lists and reporting tasks, using any common browser. While viewing the images, the reading radiologists can access basic tools for image processing. They can create preliminary reports, add findings and impressions, and preview reports before signing off on them.

Mobility tools

- Access to diagnostic quality images for specific modalities on specific devices and browsers
- User's worklist of assigned reporting tasks
- User's worklist for report sign-offs
- Basic and advanced image manipulation, including window/level, measure, MIP/MPR/3D, regions of interest (ROI), advanced hanging protocols, orthopedic measurement etc.
- Additional applications such as TeraRecon and external reporting solutions
- Support of markups and annotations
- Transcriptionist workflows

Optimizing bandwidth and latency

- User-defined workflows use a local cache to replicate LAN performance
- The user can select a study and download it to a local cache
- The Automatic Download Worklist starts on login, to speed up workflow
- "Read ahead" lets the user anticipate and prepare for the next study
- User-selected options apply lossy or lossless compressions as desired to active and/or prior exams
- The progressive display workflow enables faster initial display in lower bandwidth situations

AGFA HealthCare