Enterprise Imaging
Cross-Enterprise Worklist

Effortlessly unify radiology services
across multiple organizations and locations

That's life in flow.

AGFA
HealthCare

Universal, Federated Cross-Enterprise Worklist

Radiology has evolved from being site-specific to requiring seamless, integrated care across multiple locations.

As patient demands rise, radiologist shortages intensify, and specialization becomes more critical, healthcare providers seek advanced technologies to optimize equipment and staff utilization across regions, ensuring timely diagnoses, enhancing radiologist efficiency, and ultimately elevating the patient experience.
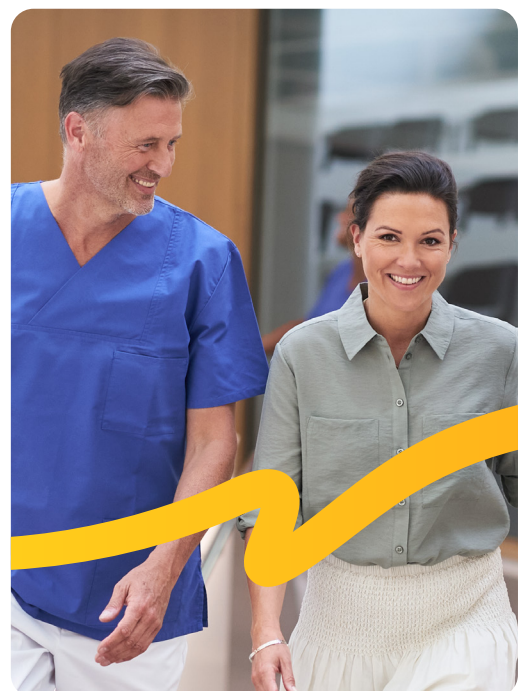
AGFA HealthCare's **Cross-Enterprise Worklist**, powered by RUBEE® Orchestrator, consolidates reading across multiple sites and multiple PACS, making it truly universal.

This unique solution unifies streaming, workflow orchestration and federation technologies to create a single, universal worklist across the radiology practices or departments, from which individually tailored task lists can be generated based on certain rules and criteria.

The outcome is a seamless, real-time, cross-organizational reading workflow, that supports providing effortless reading services to contracted healthcare providers independent from their PACS. Furthermore, the solution helps easy accommodation of mergers or acquisitions without the demand of immediate migration.

5 Reasons to Implement the Federated Cross-Enterprise Worklist

1. **Unified**: Access and manage imaging studies from multiple hospital networks and sites through a single, shared, unified worklist.

2. **Universal**: Easily add new hospital networks and sites with compatibility for third-party PACS, VNAs, and readers, without significant IT infrastructure changes. Beyond Vendor Neutral, a Truly Universal Solution.

3. **Clientless**: Radiologists can access and interact with the worklist and imaging studies via a web-based interface, eliminating the need for local software installation.

4. **Blazing fast**: Intelligent streaming technology minimizes storage, bandwidth, and data transfer requirements. Even the largest exams are streamed effortlessly.

5. **Intelligent**: Smart workflow orchestration optimizes radiologist workloads, helping you meet diverse SLAs effectively.

Unified:
Multiple sites – one shared radiology worklist

Enterprise Imaging, with the Cross-Enterprise Worklist, delivers a single, unified platform for all reading, regardless of which healthcare system acquires the image, or where the reading radiologist is located. All studies from the different organizations or sites you are serving come together into a single, universal worklist. The RUBEE® Orchestrator then curates individual worklists for each radiologist, based on intelligent prioritization and task assignment.

Blazing fast:
Empower flow across your universe

With the web-based Cross-Enterprise Worklist, radiologists can diagnose from wherever they are located, without installing specific software on their devices, or toggling from PACS to PACS. Each radiologist can read for multiple healthcare sites and systems, with the same work "experience". And you can allocate reading tasks to the most appropriate specialist. Radiologists are both more productive and happier, with a better work/life balance.

Universal:
Reduced complexity increases scalability

With the lightweight, efficient solution, new hospital systems and sites can be added, without requiring significant investments in infrastructure or storage. More than vendor-neutral, this truly universal solution is compatible with third-party PACS and VNAs, so you can expand your network of imaging sites without requiring immediate migration, while delivering streamlined, efficient reporting.

Intelligent:
Improve efficiency

By eliminating reading "silos" and enabling near-real-time image access wherever the radiologist is located, you can increase the radiologist's reading capacity, to reduce report turnaround time and improve quality. The workflow orchestrator can prioritize studies based on your agreements with various image-acquiring sites, ensuring you meet the service level agreements (SLAs) with each. You can improve operational and financial outcomes, while supporting an excellent patient experience.

A powerful technology, embedded intelligence

Enterprise Imaging leverages metadata to trigger the workflow engine of the Cross-Enterprise Worklist instead of routing heavy imaging studies.

This enables the **RUBEE® Orchestrator** to prioritize and assign tasks quickly.

When a radiologist clicks on a task, the full study is streamed directly from the acquisition site using the **Streaming Client**, providing faster access without heavy data loads. Even large studies are available to your radiologists in near-real-time, without increasing your storage, bandwidth or data transfer needs.

Cloud-ready when you are ready

Enterprise Imaging is available as a full SaaS cloud solution.

Enterprise Imaging Cloud includes updates and upgrades, managed infrastructure and managed service.
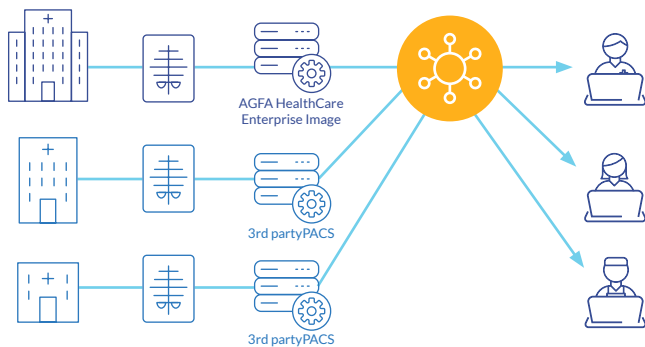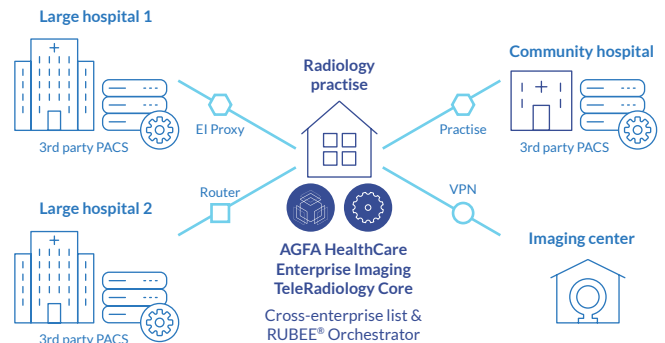
You can manage the unexpected, reduce complexity, enhance the radiologist's experience, increase control of your costs and predictability - while keeping your focus where it belongs: delivering patient care.

Scenarios

Innovative streaming technology enables each radiology practice or department to leverage the existing infrastructure of each site to match their specific scenario.

Radiology Practices (USA)

With the Cross-Enterprise Worklist, radiology practices can work with more healthcare systems, regardless of their location or the PACS system they use. Various options exist to connect each individual organization to the cross-enterprise worklist, from routing the images the cross-enterprise worklist to installing a lightweight streaming node next to the source PACS. This streaming node allows to stream images directly to the end user without having to route them to the central to the radiology practice first.
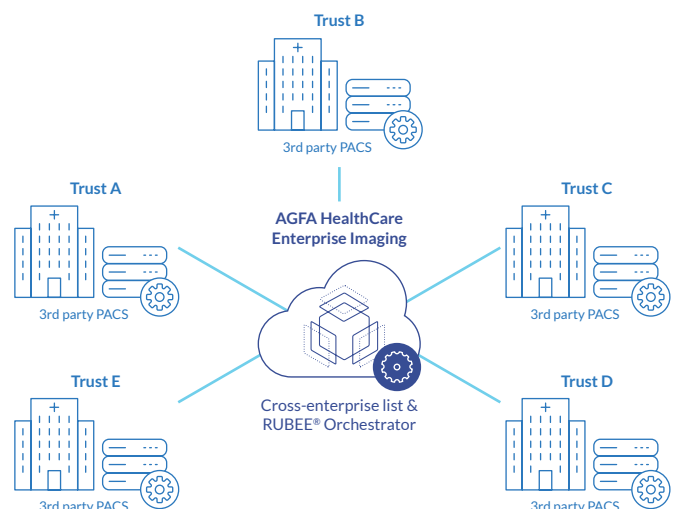

Integrated Delivery Networks (USA)

The solution is ideal for healthcare networks facing constant merger and acquisition situation. Newly acquired sites can continue using their existing PACS while already leveraging the reading capacity of the entire network. E.g., local technologists can continue the acquisition workflows in the legacy PACS, while all readings are done off the cross-enterprise list, thus pooling the reading capacity of the acquired site with that of the entire network.

Trusts (UK)

In the UK and other European countries, healthcare organizations are increasingly forming regional health networks. Some of the main benefits of a cross-enterprise worklist in those scenarios are:

- **Balance reporting workloads across Trusts, while connecting patients with specialist care.** Optimize radiologist capacity by pooling sub-specialty exams across healthcare organizations and distributing them evenly among a team of sub-specialty radiologists. This approach minimizes selective reporting, supports efficient use of radiologist resources, and connects specialist exams with the appropriate experts.

- **Empower cross-enterprise multi-disciplinary team meetings / tumor boards.** Facilitate centralized, collaborative discussions of patients across geographies with one common list for multi-disciplinary meetings.

Ready to unlock the future of patient care?

Discover the possibilities of AGFA HealthCare Enterprise Imaging today at agfahealthcare.com/enterprise-imaging-platform

or email enterpriseimaging@agfa.com

We're looking forward to working together to develop a system that enables your teams to become more productive and more satisfied.

Get in Touch

Enterprise Imaging Platform

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