Designed for
Clinical Productivity
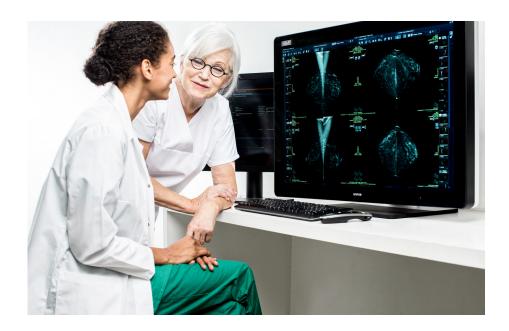
Agfa HealthCare
**Enterprise Imaging
for Radiology**

The Enterprise Imaging Radiology Suite
will change the way you think
about image and data management.
This unified platform is powerful, seamless and highly
intuitive, maximizing productivity for users,
while offering an exceptionally low cost of ownership
for IT and management.

Do you want more for radiology
than a PACS, than a VNA,
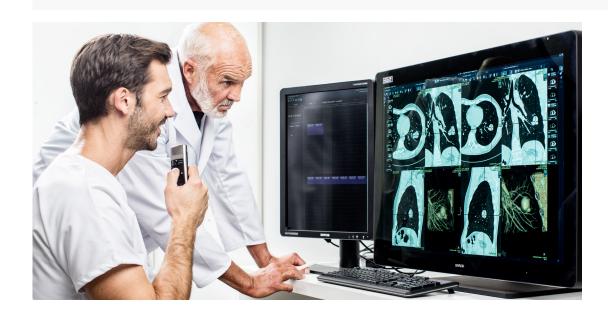than reporting, than a viewer?

What if you could...

- Produce more **meaningful radiology reports?**
- Easily keep up with the growing number and complexity of imaging studies?
- **Reduce** your training **costs**?
- **Improve workflow** and productivity?
- Maximize your **hardware investments**?
- Have the latest clinical and productivity tools available?

- Could **easily access image information** from a mobile device?
- **Connect and collaborate** with colleagues, wherever they are?
- All while **minimizing your total cost** of ownership?

You can!

It's time to change how you think about image and data management

Agfa HealthCare's Enterprise Imaging for Radiology takes a whole new approach to imaging management, and brings you with it! Delivering a completely unified imaging platform, it provides PACS, reporting, advanced image processing, integration of clinical information, results distribution and analytics – all in a single, sophisticated platform. The extremely performant solution, intuitive use, embedded clinical tools and powerful workflow engine all maximize productivity while keeping your cost of ownership for IT and management exceptionally low.

With an uncluttered interface, streamlined features and tools reengineered for modern imaging
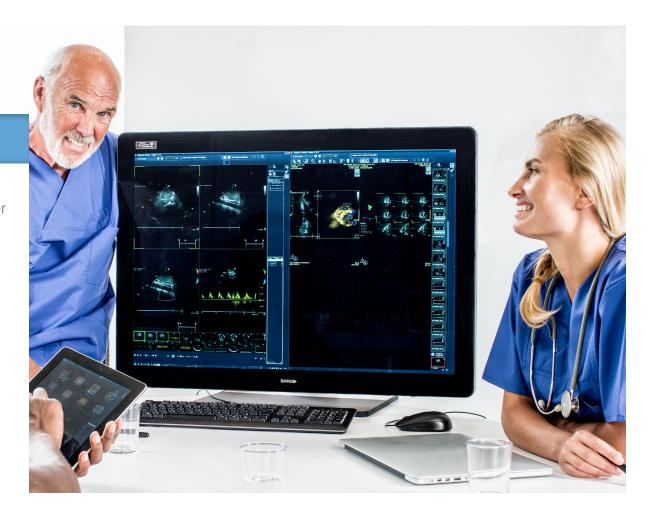
challenges, Enterprise Imaging lets each individual work in a way that makes perfect sense for the digital age, while reducing training and operational costs. Patient information from different sources is centralized into a single system so caregivers can quickly access the patient's complete file, generate a report and distribute it, all during one session – even from a remote location.

Your clinical care teams can improve and normalize data collection and distribution, improving workflow efficiencies. Rich clinical information, enhanced collaboration and easy access to specialty software modules provide the features you need to optimize patient care and support more informed care decisions. Everyone along the care continuum, from the radiologist, to the referring physician, to the patient, enjoys greater satisfaction with the care process.
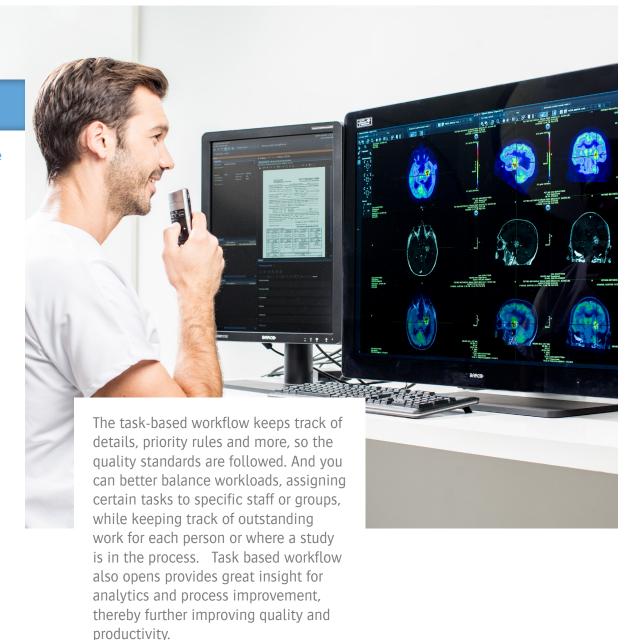
Perform

Designed for clinical productivity

Enterprise Imaging offers a refined user experience that improves productivity through intuitive design. Advanced display protocols and other tools were built from the ground up for the digital age after observing that many radiologists were losing significant productivity due to hanging protocol designs based on film paradigms. Specialized clinical tools – supporting the needs of radiology, mammography (including tomosynthesis), cardiology, ultrasound, angiography and nuclear medicine – are available on the same user interface, while commonly used measurement tools are built right in, reducing the need for time consuming loosely integrated applications.. More diagnostics can be done on a single interface, for greater ease of use.

Achieve

Task-based workflows that keep the department on target

Designed based on in-depth collaboration with medical imaging professionals, Enterprise Imaging uses task-based workflows that match each user's own way of working. Task based workflow is able to capture more of the real world workflow steps than traditional solutions have been able to. Unique desktops for each player across the care continuum – including diagnosticians, transcriptionists, technologists, clinicians and administrators – help to keep your radiology department moving.
The workflows are customizable, transparent and agile, allowing information, tasks and events to flow smoothly, while best practices and regulations/rules can be embedded right in. You can be certain that users are following the appropriate steps based on the procedure, circumstances and, most importantly, their own workflow.

The task-based workflow keeps track of details, priority rules and more, so the quality standards are followed. And you can better balance workloads, assigning certain tasks to specific staff or groups, while keeping track of outstanding work for each person or where a study is in the process. Task based workflow also opens provides great insight for analytics and process improvement, thereby further improving quality and productivity.

View

Better images, better results

With imaging, the diagnosis is in the details. Enterprise Imaging supports industry- leading MUSICA®, the latest intelligent and automated digital radiography image processing software, which brings out more dynamic range in images and consistently reliable, high-quality image visualization. As a result, minimal re- or post-processing is required.

In addition, the 3D imaging engine offers new, intuitive ways to explore the human anatomy without requiring a separate application. The 3D engine can also render MIP/MPR/3D in any viewport.

Collaborate

The key to patient-centric care

Patient care is no longer about 'encounters' or 'episodes': it now focuses on a holistic, value-driven approach. And this new model requires seamless collaboration all along the care continuum. Enterprise Imaging is dedicated to making that happen. Easy-to-use collaboration, chat and sharing functions keep radiologists, technicians, clinicians, administrators and referring physicians connected, and support multi-disciplinary meetings, tumor boards and teaching or quality control conferences. So referrals are simplified, diagnosis and reporting are more efficient, and caregivers can spend more time with each patient – while still increasing the number of patients they can see!

Report

Streamlined reporting for less complexity, more readability

Reports that are easy to create and to read, with a faster turnaround time! Text macros, voice commands and standard/normal reports make reporting fast, easy and personalized. Adding key images, tables and measurements, and even highlighting a critical finding, is simple.

The radiologists can opt to use digital dictation or offline or online speech recognition and a mobile, 'lightweight' client lets them create, edit and approve reports remotely, right from their mobile device.

Results can be distributed via fax, print, email, web or on the EMR. Referring clinicians easily find what they need in the sectional reporting, which offers high quality and consistency, while the XERO Viewer provides convenient access to results on a variety of the most popular web browsers, and the Clinician Desktop offers powerful imaging tools for internal and specialist clinicians.
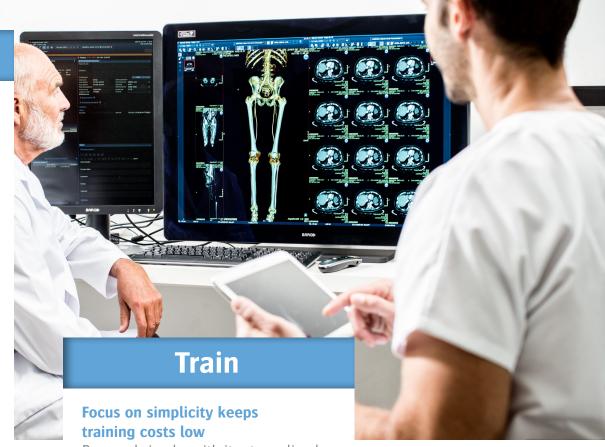
Optimize

Managing costs today, to meet the needs of the future

Are your resources going where they are needed: towards supporting quality of care and diagnostic confidence? Enterprise Imaging can support your cost management requirements, by increasing efficiency, reducing potentially duplicate exams that don't add to your revenues, and lowering – even eliminating – the use of imaging-associated consumables. Plus, a consolidated IT infrastructure offering many sophisticated applications on a single platform optimizes the use of your investments and lowers IT costs, including hardware, licensing and administrative overheads, all while enhancing the workflow of caregivers. And Enterprise Imaging helps protect your future and existing IT investments through extensive support for standards-based communication: HL7, DICOM, WADO and IHE.

Update

Always have the latest productivity tools, clinical applications

Enjoy the peace of mind of using the most up-to-date Agfa HealthCare Enterprise Imaging platform! With the Enterprise Imaging platform, you automatically receive ongoing, easy, and low effort software updates, at your convenience and with minimal disruption, through a service delivery network. Only components or modules that have changed since the last release are delivered, reducing administrative overhead and time to update while using less bandwidth. The sophisticated architecture is based on industry-leading technology – it's fully 64 bit and optimized for parallel processing. And GRIP (Global Remote Incident Prevention) remote monitoring and event management continually tracks system performance.

Train

Focus on simplicity keeps training costs low

Pure and simple: with its streamlined, intuitive interface and its dedicated workflows, Enterprise Imaging is easy to understand and to utilize. Each user, no matter what their profile, will be up and running with the solution quickly. And upgrades are carefully designed to so that users don't have to "relearn" to use the existing features.

Why Agfa HealthCare

Agfa HealthCare is a global leader in the market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information. We have a holistic approach that enables us to provide in-depth clinical know-how and our long experience in radiology demonstrates our knowledge in handling images. We have proven our ability to deploy large IT projects around the world and maintain good partnerships with leading IT vendors. Not only do we adhere to standards, but we actively participate in initiatives to build new standards, while using open systems to help provide solutions that are customizable to your specific needs.

Enterprise Imaging is the result of intensive collaboration between users and the brightest engineering and clinical minds from Agfa HealthCare research and development centers around the globe. It brings the workflow technology that has revolutionized other industries, to healthcare. The result is a leading edge imaging management system that provides impressive gains in productivity and lower total cost of ownership (TCO).

Agfa HealthCare
Enterprise Imaging for Radiology
is so much more than a PACS