

How Montgomery Radiology Associates Unified 16 PACS Systems Into One Intelligent Worklist

Montgomery Radiology Associates (MRA) unified 16 hospital PACS systems into one reading workflow using IntelPACS™ and IntelOrchestrator™. Since implementing a single intelligent worklist across all locations, radiologists have improved turnaround times and balanced workloads. The group now reads nearly 300,000 studies per year without adding staff or replacing existing systems.

✓ Key Outcomes

- **Unified Multi-Site Workflows:** Connected 16 hospitals under one coordinated reading environment using IntelPACS™ and IntelOrchestrator™.
- **Preserved Infrastructure Investment:** Achieved complete interoperability without replacing legacy PACS systems, leveraging vendor-neutral integration to protect existing infrastructure.
- **One Centralized, Intelligent Worklist:** Enabled radiologists to access a single, dynamic worklist from any location, improving efficiency and eliminating redundant site-based workflows.
- **Automated Prioritization:** Smart case routing and real-time prioritization balanced workloads, surfaced STAT cases, and reduced burnout.
- **Scalable Growth:** Supported a 300,000 annual study volume without staff increase or new IT investment.
- **Enhanced Collaboration:** Unified image access and communication, improved data integrity and team alignment across all 16 hospitals.

✓ The Challenge

Before adopting IntelOrchestrator and IntelPACS, each hospital in MRA's network had its own PACS, systems, and workflows. At smaller rural hospitals, radiologists were physically required onsite to read studies. This created fragmented coverage, inconsistent turnaround times, and significant inefficiencies.

As study volumes grew, radiologists faced mounting pressure, and burnout felt inevitable. Valuable time was lost to commuting rather than caring for patients, a challenge familiar to radiology groups nationwide.



✓ The Solution

Unified Reading Without Replacing Systems

MRA selected Intelrad's IntelOrchestrator to unify 16 hospital PACS environments into a single connected worklist, eliminating the need for costly replacements or migrations. Its vendor-neutral architecture allowed each hospital to keep its existing systems while enabling MRA to manage every study through one coordinated workflow. At the same time, IntelPACS centralized imaging and patient data into one secure repository with consistent access regardless of location.



“We needed a solution that we could plug in and start working with, and Intelrad was willing to do that.”

— Mel Sellers, Chief Information Officer,
Montgomery Radiology Associates

✓ How It Works

- Every imaging study across the 16 hospitals flows into IntelPACS
- IntelOrchestrator automatically routes and prioritizes cases based on urgency, availability, and subspecialty
- Radiologists log into one worklist and read studies from anywhere
- Routine reads are managed from a central system, with radiologists onsite as needed for procedures

Together, the solutions give MRA the confidence that radiologists could work from one system while still supporting the unique infrastructure of each hospital.

✓ Operational Impact

Before implementing Intelrad solutions, MRA experienced:

- Separate PACS, each with multiple workflows and logins
- Frequent travel between hospitals
- Uneven workload distribution and delays
- Burnout risk rising

After implementing Intelrad solutions, MRA now has:

- One unified reading workflow across 16 hospitals
- Reading from a single platform for routine studies
- Automated and balanced workload distribution
- Consistent turnaround performance across the network
- Sustainable growth without additional hiring

This shift freed radiologists' time, reduced administrative burden, and ensured consistent turnaround performance across the entire network.

✓ Results

With IntelOrchestrator and IntelPACS, MRA scaled to reading nearly 300,000 studies annually across its hospital network, without additional staff or new infrastructure.

Turnaround times improved, workload pressure stabilized, and MRA avoided the cost and disruption of an entire PACS replacement.

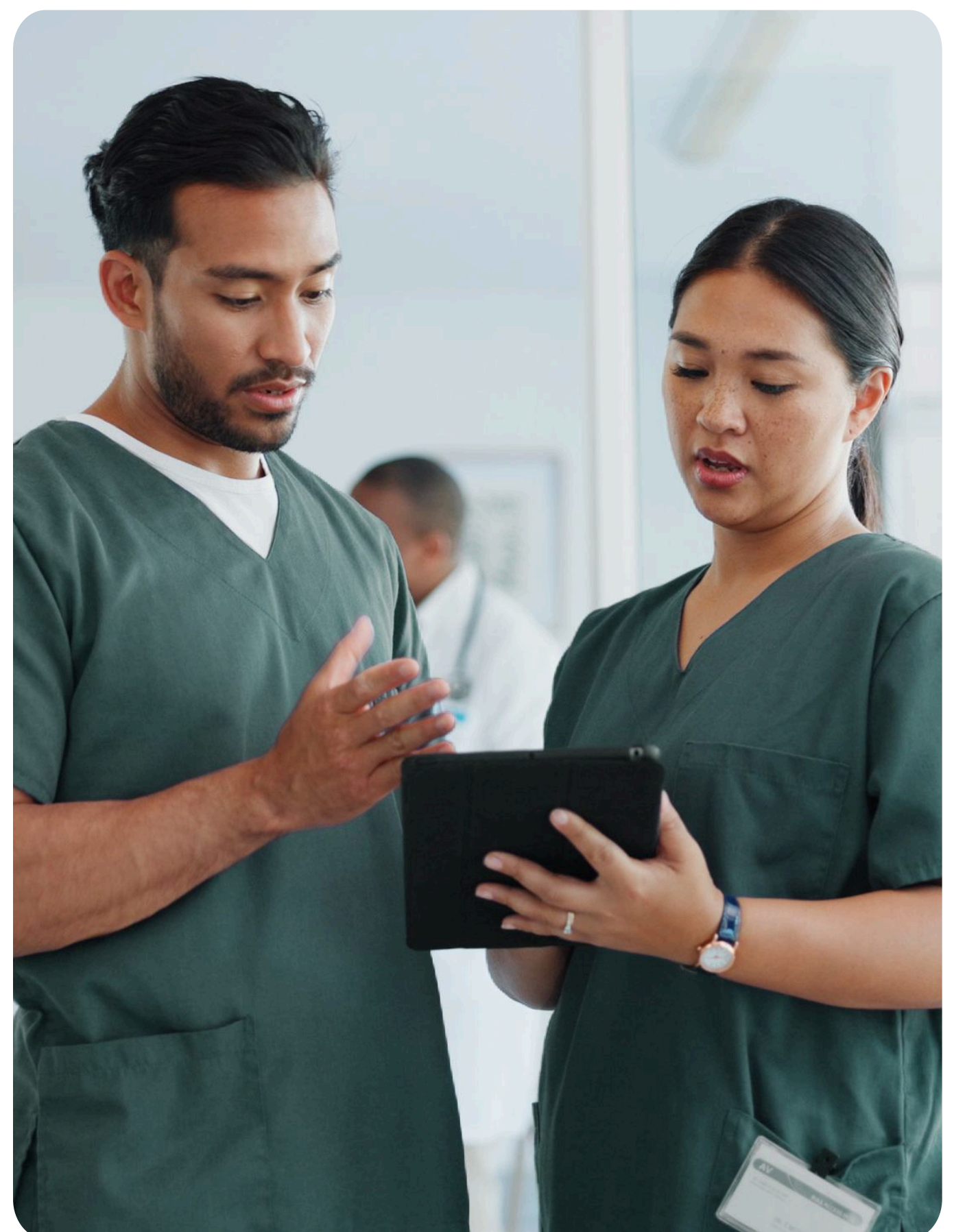
By centralizing data and streamlining workflows, MRA can now confidently expand coverage to new sites and absorb higher volumes as demand increases, with Intelrad's scalable solutions directly supporting sustainable growth.

✓ Why It Matters

This transformation exemplifies the future of enterprise imaging—connected, intelligent, and scalable. By focusing on integration, automation, and human-centered design, IntelOrchestrator™ and IntelPACS™ empower radiology groups to expand coverage and deliver faster, more reliable care.



A single intelligent worklist transformed fragmented systems into a **unified, scalable network**—enabling **faster turnaround times, balanced workloads, and sustainable growth** without adding staff or replacing existing systems.



About Intelrad

Intelrad is one of the leading medical imaging software platforms for the healthcare industry. Nearly 2,500 healthcare organizations around the world rely on Intelrad products to manage patient data, improve imaging efficiency and quality, and elevate patient outcomes. For more information on Intelrad and its leading technology solutions, visit intelerad.com or follow the company on [LinkedIn](#).

