Radiology Partners Unveils Mosaic Clinical Technologies™ and MosaicOS™

A next-generation operating system for smarter, scalable imaging services, where clinical expertise, advanced AI technology and cutting-edge innovation converge seamlessly

(EL SEGUNDO, Calif.) July 15, 2025 – Radiology Partners (RP), the leading provider of technology-enabled radiology services in the U.S., announced today the launch of its new technology services division, Mosaic Clinical Technologies™ and MosaicOS™ a proprietary, radiologist-driven platform designed to address emergent challenges facing the specialty, including rising imaging demand and a growing capacity gap. MosaicOS™, a fully cloud- and AI-native operating system, seamlessly merges diagnostic technologies, AI-powered tools and smart workflows into a single scalable solution. This iterative, next generation architecture offers radiologists innovative new tools enhancing their ability to deliver excellent patient care faster and more accurately.

“MosaicOS™ represents an urgent call from our specialty,” said Dr. Nina Kottler, Associate Chief Medical Officer for Clinical AI at RP. “Demand is growing. Worklists are getting longer. While the pace of AI innovation is exciting, fragmented technologies create friction, forcing radiologists to toggle between systems and duplicate tasks, ultimately slowing care. MosaicOS™ rewrites the rules, connecting AI, clinical

expertise and scalable technology into a single solution that empowers radiologists, restores focus to patient care and signals our commitment to shaping the future of our specialty.”

As imaging volumes rise, the radiologist shortage grows and costs escalate at unprecedented rates, hospitals and imaging centers across the country are under pressure to do more with less, often without the tools or service levels needed to keep pace. MosaicOS™ represents RP’s investment in solving this nationwide challenge. By streamlining operations and improving clinical capacity at scale, MosaicOS™ helps imaging providers enhance clinical outcomes while alleviating costs pressures, staffing challenges and workflow inefficiencies.

MosaicOS™ is the only enterprise imaging solution designed by radiologists and developed by the largest collection of radiology-focused technology and AI professionals in the U.S. Purpose-built to support the future of imaging, MosaicOS™ offers customers of RP and Mosaic Clinical Technologies the ability to:

- **Unlock clinical capacity** through advanced, integrated tools and AI-native design.
- **Accelerate and improve clinical quality and care delivery** while reducing IT burden through rapid cloud-based deployment, enabling measurable impact in weeks, not months.
- **Deliver an intuitive, AI-driven experience** that amplifies radiologist expertise and improves communication, clinical quality and care coordination.
- **Turn operational challenges into a competitive edge**, designed to integrate with or replace imaging management and storage technologies, unlocking clinical impact, scalability and cost savings. Continually enhanced through leading clinical AI tools, MosaicOS™ helps our client partners grow, scale and lead in their communities.

“Radiology is already the most tech-enabled segment of healthcare, and RP is at the forefront of driving a new era of technology and AI transformation,” said Rich Whitney, RP CEO and Board Chair. “With a market leadership position, a unique collection of clinical and technical talent and the capital to invest aggressively, we see this not only as an opportunity but as our responsibility. We are driven to create innovative solutions that have transformative and lasting impact for our patients, client partners and radiologists. MosaicOS™ will enable us to innovate, iterate and improve imaging care at an accelerated pace.”

MosaicOS™ initial advanced features lay the groundwork to modernize imaging care.

- **Mosaic Reporting:** Combines ambient voice AI and large language model (LLM) technology to automatically structure reports, drastically reducing dictation time while allowing radiologists to spend more time focusing on the images. Mosaic Reporting is already live at multiple RP-affiliated practices, with a broader rollout planned throughout 2025–2026.
- **Mosaic Drafting:** Applies a multimodal AI foundation model to pre-draft x-ray reports enabling radiologists to review, edit and sign. Streamlining routine tasks allows physicians to dedicate more time to complex, high-value work, enhancing both clinical quality and physician satisfaction. Mosaic Drafting is currently being implemented under Institutional Review Board protocols while actively pursuing FDA approval to support broader use and commercial availability.

Additional tools, including a centralized patient information hub with cutting-edge AI capabilities designed to streamline physician workflow and enhance clinical quality, will debut later this year, with many more innovations to follow as MosaicOS™ continues to expand its capabilities.

“MosaicOS™ is foundational to delivering on our promise of clinical excellence and our mission to transform radiology,” said Dr. Krishna Nallamshetty, Chief Medical Officer at RP. “This innovation isn’t just about simplifying workflows; it’s about unlocking clinical potential. By empowering radiologists to practice at the top of their license, MosaicOS™ allows radiologists to lead the specialty forward and set new standards for patient care while pioneering a model that can elevate the role of radiology in the healthcare system.”

Throughout 2025 and 2026, MosaicOS™ will be strategically implemented by a team of clinical and technology experts to ensure continuity of patient care across RP’s national network of affiliated practices and key strategic clients. At every stage, its iterative design will allow for ongoing enhancements based on insights from physicians and alignment with client partners, ensuring the platform is continually shaped to empower the delivery of clinical excellence and improvement of patient care.

As MosaicOS™ continues to evolve, RP will further expand access to the platform commercially, offering it to hospitals, health systems and imaging centers. This step reflects RP’s commitment to raising the standard of imaging care across the specialty, not just within its affiliated practices. For more information about Mosaic Clinical Technologies™ and MosaicOS™, contact mosaic@radpartners.com.

About Radiology Partners

Radiology Partners, through its affiliated practices, is the leading technology-enabled radiology practice in the U.S., serving more than 3,400 hospitals and other healthcare facilities with high quality radiology, technology and artificial intelligence solutions. As a physician-led and physician-owned practice, our mission is to transform radiology by innovating across clinical value, technology, service and economics, while elevating the role of radiology

and radiologists in healthcare. Using a proven healthcare services model, Radiology Partners provides consistent, high-quality care to patients, while delivering enhanced value to the hospitals, clinics, imaging centers and referring physicians we serve. Learn more at radpartners.com and connect with us on LinkedIn, X, Instagram and YouTube.

About Mosaic Clinical Technologies™ and MosaicOS™

Mosaic Clinical Technologies™ is the technology services division of Radiology Partners (RP), powering the future of radiology through MosaicOS™—a proprietary, radiologist-driven platform designed to meet the specialty's most pressing challenges. A fully cloud- and AI-native operating system, MosaicOS™ is where innovation meets impact, seamlessly integrating diagnostic technologies, AI-powered tools and smart workflows into a single scalable solution. Mosaic Clinical Technologies™ supports RP's national network of affiliated practices and commercial partners across the imaging landscape, redefining what is possible in enterprise imaging.

Media Contact

Sheila Biggs
sbiggs@jarrardinc.com