Radiology Partners Launches AI Integration Platform with AWS HealthImaging

Leading radiology practice addresses fragmented AI adoption, makes unified platform for rapid deployment of AI medical imaging tools available to hospitals and health systems on AWS

Demonstrations available during RSNA 2023

Radiology Partners CIO/CTO to speak at AWS re:Invent Healthcare & Lifesciences Executive Symposium

(EL SEGUNDO, Calif.) Nov. 27, 2023 — Radiology Partners (RP), a leading radiology practice in the U.S. through its owned and affiliated practices, announced today the launch of its RPX AI orchestration platform on Amazon Web Services (AWS). RPX AI is RP's AI orchestration and integration platform, and it utilizes AWS HealthImaging, a HIPAA-eligible service for storing, analyzing and sharing medical images at petabyte scale. RP chose to utilize AWS HealthImaging to advance its ability to seamlessly deploy a suite of AI tools across any reading platform—creating a highly accessible and adaptable solution for hospitals and health systems to enable the delivery of high-quality, technology-enabled care.

"RP innovating with AWS HealthImaging represents a pivotal milestone in our mission to transform radiology," said Denis Zerr, RP's Chief Information and Technology Officer. "Using AWS HealthImaging, RP will offer RPX AI, a cloud-based platform for rapid deployment of AI medical imaging tools at scale, creating value for the entire healthcare ecosystem. Hospitals and health systems will experience an all-in-one solution for selecting, validating, implementing and scaling AI

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imaging tools while radiologists will experience a seamless and consistent view of AI tools in a single digital platform."

Historically, medical imaging AI procurement and adoption has been fragmented. Hospitals and provider groups must often navigate a complex array of challenges, including legacy technologies, operational inefficiencies, data silos and site-specific vendors. RP is now joining forces with AWS to simplify the integration and implementation process for medical imaging AI models, making it easier to validate and deploy AI tools and accelerate their adoption across hospitals and health systems. The goal is to enhance patient care by making these advanced technologies more accessible and efficient. Through its experience of deploying clinical AI across more than 20 million patient exams in this calendar year alone, RP is well-positioned to continue leading the way in clinical AI integration.

Dr. Nina Kottler, RP's Associate Chief Medical Officer for Clinical AI, emphasized the potential: "This collaboration combines RP's clinical expertise with AWS's purpose-built cloud services, unlocking the ability for RP to effortlessly implement both our and our AI partners' solutions across RP's network of more than 3,300 client sites and 3,600 radiologists nationwide. This unified approach caters to the preferences of both physicians and healthcare facilities, offering a single solution for AI deployment in medical imaging, leading to faster diagnoses and improved patient care coordination."

"Solutions like RPX AI demonstrate the transformative potential of applying the latest technology at scale to improve the practice of radiology. We're pleased to offer AWS HealthImaging to handle the undifferentiated heavy lifting of petabyte-scale medical imaging data management, allowing RP's team to focus on innovating at the intersection of AI and clinical practice," said Tehsin Syed, General Manager of HealthAI at AWS.

AWS offers the broadest and deepest set of AI and ML services and supporting cloud infrastructure, enabling a dynamic community of customers and partners to build the next generation of solutions for medical imaging. RP selected AWS HealthImaging due to its ability to store, analyze and share medical images in the cloud at unmatched scale, while maintaining sub-second image retrieval latency, improving performance and lowering costs. With a truly cloud-native solution, RP can expand its RPX platform to meet the mission critical demands of the practice, its AI development partners, clients and radiologists.

To learn more about RP's latest innovations with AWS:

- **During AWS re:Invent:** RP CIO/CTO, Denis Zerr will speak as part of the AWS Healthcare & Life Sciences Executive Symposium, November 27 from 3:40-4:10 p.m. PT at the Cosmopolitan of Las Vegas. The talk, titled "AI/ML for Life Healthcare: Real-world use cases for immediate impact" will further demonstrate the value of RP's solution with AWS HealthImaging.
- **During RSNA 2023:** RP Associate Chief Medical Officer for Clinical AI, Dr. Nina Kottler, and

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Chief Principal Product Manager for AWS HealthAI, Chris Hafey, will speak November 28 from 2-2:15 p.m. CT at the RSNA Innovation Theater. The topic: "Imaging AI on AWS HealthImaging." In addition, visit RP's booth (North Hall 6909) to talk with representatives from RP and AWS and book a priority demonstration of RPX AI on AWS.

About Radiology Partners

Radiology Partners, through its owned and affiliated practices, is a leading radiology practice in the U.S., serving more than 3,300 hospitals and other healthcare facilities across the nation. 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 at @Rad_Partners.

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