

# Workflow-integrated AI through the Nuance AI Marketplace

Accelerate the development, deployment, and adoption of AI in radiology through an unrivaled network.

## Bringing artificial intelligence directly into radiology workflow

The Nuance AI Marketplace for Diagnostic Imaging brings AI directly into the radiology workflow. It offers AI developers a single API to connect their AI models to over 80% of U.S. radiologists across more than 7,500 connected healthcare facilities. And it gives radiologists and departments a convenient, one-stop-shop to review, try, and buy AI models—bridging the technology divide to make AI useful, usable, and used.

## Expanding access to the industry's most advanced research

Artificial intelligence can support the radiologist's ability to analyze and interpret medical imaging. But, with a growing number of available AI models across a range of disciplines, radiologists need to evaluate relevance in their clinical settings, and then deploy them into their PACS, worklist, and reporting solutions. The Nuance AI Marketplace makes this process easier for both developers and end-users by combining the power of Nuance's robust, secure cloud-hosting technology, market-leading radiology reporting, analytics, and image exchange solutions, along with deep integrations across PACS and image viewers. These collaborations enable widespread development and rapid delivery of workflow-integrated AI to radiologists—at scale.

## Accelerating adoption to deliver value

The Nuance AI Marketplace is like an app store specifically dedicated to medical imaging. It functions as an open platform to facilitate selection and adoption of imaging AI models across multiple modalities and body regions. And it offers a convenient way to build, test, publish, deploy, use, and improve algorithms, including your own, to accelerate the creation and adoption of imaging AI.

It helps developers turn their AI innovations into practical solutions while allowing radiologists to improve reporting efficiency and care quality. This streamlined process also helps healthcare organizations drive better patient outcomes and lower costs with a simplified purchasing model that provides metrics to track AI model usage, costs, and performance.

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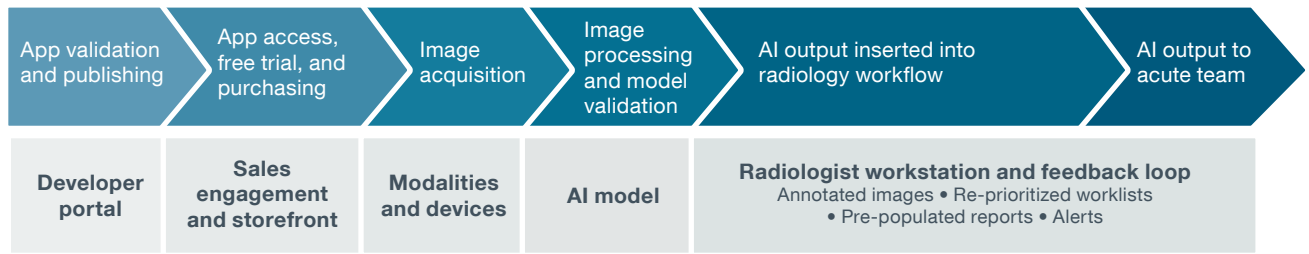
## Key features

- **AI** delivered directly into radiology workflow
- **“Try before you buy”** program to help you choose the right model to fit your needs
- **Access to validation tools** to ensure a model's relevance to your clinical environment
- **Easy deployment** with one platform, contract, and integration point
- **Continuous feedback loop** for ongoing AI model improvement
- **Streamlined development** and deployment—at scale

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The Nuance AI Marketplace leverages Nuance's ongoing engagement with standards bodies such as the American College of Radiology (ACR) to establish and apply API connectivity standards for consumption of AI models within radiology workflow, EHRs, PACS/viewers, and registries.

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**Benefits for radiologists**

The Nuance AI Marketplace serves as a convenient, single entry point and a secure, cloud-based deployment environment that removes many of the roadblocks impeding the widespread adoption of AI in radiology.

Instead of struggling to install and configure solutions from a variety of vendors with different integration requirements and payment structures, subscribers can simplify how they buy, deploy, and use AI models.



**AI in your workflow.** Improve productivity and report quality, automate routine tasks, and prioritize care with seamless, standards-based integration with existing Nuance diagnostic solutions. Exchange data in real time with PACS and viewer solutions while maintaining control of the final report and image annotations.



**One-stop shopping; try-before-you-buy.** Simplify deployment with one contract, security audit, and single integration point for your PACS/viewer, PowerScribe reporting, and worklist solutions. Avoid the cost and complexity of installing multiple AI developer environments. Be sure an application meets your needs before you commit!



**Continuous feedback and model training.** Keep an eye on the performance of an AI model in your practice and help developers improve their applications. Performance feedback is automatically collected by comparing the final report with the original AI results.



**Convenient platform to validate and deploy AI.** Test and implement your purchased and in-house developed models on the Nuance platform and provide real value by inserting the results directly into your workflow.

**Benefits for developers**

To be useful, FDA-cleared AI models must be integrated with clinical workflows across multiple platforms, viewers, reporting solutions, and diverse patient populations—all of which is complex, time-consuming, and costly. The Nuance AI Marketplace offers developers a single API to showcase their innovations to radiologists across a multitude of PACS vendors and 7,500+ connected healthcare facilities.



**Speed and ease to market.** Simplify deployment and improve speed to market using a single approved platform accessible by all healthcare providers. Avoid time-consuming security assessments and having to set up on-prem integrations.



**Market at scale.** Easily code to Nuance APIs. Gain immediate visibility and access to radiologists across the largest network of connected healthcare facilities through the Nuance PowerShare Network.



**Continuous AI learning.** Receive feedback on AI model use based on the radiologist’s final report, across the industry’s broadest user base. Train and improve AI models with automated access to real-world performance results.



**Tight, standards-based integrations.** Reduce costly integrations with a single, standards-based connection to the AI Marketplace. Get AI outputs delivered into widely used radiology solutions that include PowerScribe One, PowerScribe 360, PowerScribe Workflow Orchestration, PACS/viewers, and other 3rd-party worklist solutions.

Beyond the practical conveniences of offering an app store, the Nuance AI Marketplace helps solve the “last mile” challenge by deploying AI content directly into radiology workflow. Based on a deep understanding of radiologists’ needs, Nuance is uniquely positioned to help enable the practical use of AI in medical imaging.

To learn more about how the Nuance AI Marketplace can connect AI developers and radiologists to accelerate the adoption of AI, visit [www.nuance.com/healthcare](http://www.nuance.com/healthcare) or contact us at 1-800-350-4836.