



Nuance Precision Imaging Network

Unlock the power of AI from point-of-read to point-of-care

Promoting more seamless workflow capabilities,
data sharing at scale, and greater interoperability

Nearly every patient story starts with an image. That's why it's more important than ever to find more efficient, effective ways to share more actionable data and imaging insights across care teams. Using a single, integrated platform combined with a portfolio of partner AI solutions, we assist radiologists and healthcare providers in clinical decision-making, while promoting earlier interventions and improved outcomes across the entire healthcare ecosystem.

PIN helps healthcare professionals:

- **Boost efficiency**
Drive value, growth, and sustainability through workflow prioritization, optimization, and performance tracking.
- **Enable more informed clinical decisions**
Increase predictability, improve disease management, and support treatment and follow-up recommendations.
- **Improve diagnostic precision**
Detect, triage, and track diseases and abnormalities for more consistent protocols, treatment planning, and delivery.
- **Promote better patient outcomes**
Enhance patient engagement and follow-up compliance while enabling less invasive treatment options, lower complication rates, and shorter recovery times.
- **Reduce duplicate imaging**
Provide notifications of prior imaging and reports to improve throughput, shorten length of stay, and lower care costs.

Advancing an enterprise-wide AI strategy

While AI-powered solutions can help bridge medical information silos and deliver improved patient outcomes, success requires a thoughtful, strategic approach. Too often, when hospitals and healthcare organizations struggle with multiple integration points and contracts, IT burdens and security risks, and cumbersome workflows, or lack appropriate model performance tracking, it can be difficult to achieve AI's full potential.

The Nuance Precision Imaging Network™ (PIN) was created to deliver more value to all imaging stakeholders through seamless hosting, integration, and management of partner AI services using a single data-driven platform. Together, we are connecting point-of-read to point-of-care by combining Nuance's industry-leading workflows and vast reporting and image-sharing infrastructure with the scale, security, and strength of Microsoft Azure.

One platform—infinite possibilities

Our AI-powered solutions that serve as the foundation for PIN are trusted, scalable, and built to perform. Nuance PowerScribe is already used in 80%¹ of today's diagnostic reporting workflows and our PowerShare infrastructure expedites patient care with real-time image sharing that allows users to access, exchange, and view medical images—anytime anywhere—across more than 12,000² connected facilities.

Nuance PIN is designed to help radiologists and care teams harness the proven power of enterprise AI to streamline, simplify, and secure these capabilities while integrating effortlessly into existing systems and improving performance across a range of measures.

Integrated imaging AI for specialized care

Cutting-edge, scalable, partner AI services support more comprehensive CT, MRI, X-ray, and Mammography based imaging assessments and deeper, more collaborative, and actionable clinical insights for multiple specialty areas.

From managing acute pathologies, population screening initiatives, and trauma-related injuries to the monitoring and ongoing assessment of chronic disease, Nuance PIN offers an ever-growing offering of partner AI solutions. By investing in PIN, organizations gain capabilities to focus on delivering more quantitative, condition-related information to imaging stakeholders to help improve patient outcomes, reduce costs, meet performance goals, and maximize performance-based reimbursements.



Unique offering for diverse stakeholders

Nuance PIN serves stakeholders across the healthcare ecosystem by helping support their individual priorities and performance goals.



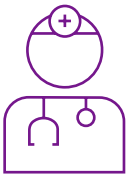
Radiologists

Boost efficiency through workflow prioritization, proactive notifications, and AI-based findings.



Pharmaceutical companies

Characterize and stratify diseases to deliver more personalized care options.



Referring physicians

Support earlier diagnosis, more informed treatment and planning, and greater operating efficiency across the care pathway.



Medical device companies

Deliver more personalized patient selection evidence for receiving a particular device or treatment.



Health insurers

Improve quality, cost, care coordination, and utilization management.



Imaging AI developers

Accelerate development, deployment, and adoption of AI applications.



Capabilities you can count on



Single point of entry to access AI solutions, images, and data - all from one vendor for contracting



Seamlessly integrate with reporting, PACS, VNA, EHR, and other clinical systems



Reduce security risk and provide the unique ability to easily “turn on and off” AI models



Common Data Elements (CDE) to extract meaning, share data, and drive action



Model performance tracking to improve outcomes through data-driven AI selection, user acceptance, and model drift over time

Simplifying clinical application and deployment

Nuance and NVIDIA have partnered to infuse medical imaging-specific machine learning directly into clinical workflows to accelerate innovation and clinical impact. Using PIN with NVIDIA’s MONAI platform, organizations can enable fast, effective validation, deployment, and evaluation of medical imaging AI models to drive even better clinical and operational outcomes.

Getting started

To ensure the successful implementation, Nuance provides dedicated personnel and information for the planning, installation, configuration, testing, and activation of these AI solutions. In addition, marketing support is provided to assist in developing and executing a strategy to help increase awareness and drive competitive market advantage.

LEARN MORE

To learn more about PIN, visit nuance.com/PIN



Endnotes

- 1 Data on file Nuance Communications
- 2 Data on file Nuance Communications

About Nuance Communications, Inc.

[Nuance Communications](https://www.nuance.com) is a technology pioneer with market leadership in conversational AI and ambient intelligence. A full-service partner trusted by 77 percent of U.S. hospitals and more than 75 percent of the Fortune 100 companies worldwide, Nuance creates intuitive solutions that amplify people’s ability to help others. Nuance is a Microsoft company.