Microsoft **+** NUANCE

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, Nuance Precision Imaging Network (PIN) delivers AI insights to assist radiologists and other healthcare providers in the diagnosis, treatment, and management of patients across the healthcare ecosystem.

PIN helps healthcare professionals:

- **Boost efficiency**
  Drive value, growth, and sustainability through workflow prioritization, optimization, and performance tracking.
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- **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**
  Improve clinician workflows while aiding in disease detection to support more personalized care plans that may improve patient outcomes

- **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 may improve 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.

Nuance 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 12,000[2] 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 Ultrasound 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.

Neurology

Cardiothoracic

GI & GU

Imaging specialties

MSK

Women's Health

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.

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

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

Pharmaceutical companies
Characterize and stratify diseases to deliver more personalized care options.

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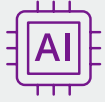Deliver more personalized patient selection evidence for receiving a particular device or treatment.

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

Supported by Microsoft Azure, PIN provides a seamless, scalable, and secure enterprise-wide imaging AI solution 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