

A new era of radiology reporting has arrived

Transform workflow with PowerScribe One

AI-powered workflow and reporting improves disease detection, diagnosis, follow-up, and treatment.

PowerScribe One, the next generation of the industry's most widely used radiology reporting platform, harmonizes the applications radiologists use every day, and makes AI useful and usable within the workflow. Most of all, PowerScribe One markedly improves efficiency and accuracy, giving radiologists more time to focus on what matters most—the care teams and patients they serve.

Radiology solutions to help you thoroughly see it through

The best outcomes don't just happen because an image was taken. They occur when everything surrounding the image, and resulting from that image, happens easily and automatically. PowerScribe One uses continuous learning and context-aware language understanding technology to convert unstructured text into structured data that expands interoperability and powers a new generation of data-driven applications. It also uniquely integrates access to AI algorithms within the radiology workflow, giving radiologists powerful tools to improve efficiency and throughput, increase diagnostic accuracy and specificity, and ensure consistent, evidence-based follow-up recommendations.

Purpose-built to address inefficiencies, inconsistent recommendations, and failed follow-up, PowerScribe One benefits from the latest advances in AI and cloud technology—including natural language understanding, image characterization, speech recognition, and intelligent exchange of structured data—enabling radiologists to:

- Capture and apply structured data to aid in creation of accurate, clinically appropriate, and consistent diagnostic reports.
- Share clinically relevant data—between EHRs, PACS, and other systems—enabling care teams to improve follow-up, monitoring, and outcomes.
- Dynamically populate reports with content from integrated systems to minimize redundancy and reduce errors.
- Integrate AI image characterization directly into the reporting workflow via Nuance's AI Marketplace to achieve unparalleled levels of efficiency and accuracy.
- Make standardized reporting initiatives easier to launch, promote, and adopt.

Key benefits

- Increases provider satisfaction through streamlined processes that augment workflow.
- Increases productivity and accuracy by auto-populating reports, reducing errors, and minimizing redundancy.
- Improves follow-up consistency with AI-driven, automated guidance and quality checks.
- Enhances communication across the enterprise by intelligently sharing discrete data among systems, users, and platforms.
- Streamlines operations with easier deployment, more timely updates, and access to innovations via a secure, cloud-based environment.

Access the latest AI algorithms directly in PowerScribe One

The Nuance AI Marketplace for Diagnostic Imaging offers one-stop shopping in the largest storefront of AI imaging algorithms integrated directly into the radiology reporting workflow, with a collaborative feedback channel to ensure superior results based on a real-world use.

Using AI to drive better workflow efficiency and reporting accuracy



Enhanced user experience harnessing the cloud.

Combines the latest industry-leading speech recognition with cloud-powered features that optimize performance, reduce turnaround time, and increase user satisfaction. AI capabilities are hosted on Microsoft Azure, a HITRUST CSF-certified hosting infrastructure, and organizations can maintain on-premise deployments while taking advantage of the cloud.



Better outcomes with context-aware, structured data.

Derives meaning from structured data and imaging information to enable workflows and inform clinical decisions. Automated evidence-based decision support harnesses AI and applies clinical guidelines for more consistent follow-up recommendations.



Superior accuracy through assisted diagnosis and error checking.

Monitors exam order and report context to flag potential actionable findings and identify errors, omissions, oversights, and inconsistencies, such as laterality or gender. Radiologists can be more productive and accurate, while ordering clinicians can be more confident in the report quality.



Improve care delivery through intelligent data exchange.

Brings together imaging partner integrations so data can flow between applications to minimize toggling. This automated, data-centric approach enables radiologists to easily verify information. Work performed on images is captured and findings are automatically inserted into final reports, improving speed and accuracy, while codified data is shared directly with the EHR.



Greater support for standardized reporting.

Enhances the radiology reporting process to better support standardized documentation, including adoption of MRRT standards. Advanced AutoTexts accelerate report creation while ensuring thorough, compliant, and accurate radiology reports.



Extend convenience with mobile device access.

Offers convenient, voice-enabled access to PowerScribe One on the go. Using their smartphone or tablet, radiologists can securely edit and sign reports, and look up similar cases and research.



Get even more from your PowerScribe One investment.

Get even more from your investment with workflow solutions like PowerScribe Workflow Orchestration, communication solutions like PowerConnect Actionable Findings, and analytics through mPower Clinical Analytics.

“PowerScribe One transforms my dictations-on-the-fly into relevant, structured findings so that it’s not just my words, but their meaning in the context of my patient’s clinical situation. Then, by incorporating the data into the decision support workflow, I can become both more effective and more efficient.”

Tarik Alkasab, MD, PhD

Service Chief for IT/Informatics and Operations
Massachusetts General Hospital

“Imaging AI cannot be deployed in a silo—integrating the outputs of AI into the radiologist’s clinical workflow enables it to effectively augment the capabilities of the radiologist, while preserving as well as enhancing efficiency and quality. AI in radiology is rapidly evolving; the challenge is to make it usable and useful.”

Warren B. Geffer, MD

Professor of Radiology
Hospital of the University of Pennsylvania

To learn more about PowerScribe One and the Nuance AI Marketplace for Diagnostic Imaging, please call 1-877-805-5902 or visit nuance.com/healthcare.

About Nuance Communications, Inc.

Nuance Communications, Inc. is a leading provider of voice and language solutions for businesses and consumers around the world. Its technologies, applications and services make the user experience more compelling by transforming the way people interact with devices and systems. Every day, millions of users and thousands of businesses experience Nuance’s proven applications. For more information, visit www.nuance.com/healthcare or call 1-877-805-5902. Connect with us through the healthcare blog, [What’s next](#), [Twitter](#), [LinkedIn](#) and [Facebook](#).