Microsoft

PowerScribe® One

Transform the radiology reading experience with PowerScribe One

AI-powered workflow helps automate reporting, combat burnout, increase quality, and improve patient outcomes.

PowerScribe One delivers a next-generation radiology reporting experience with intelligent automation and expanded capabilities that help to streamline workflow and drive quality, enabling radiologists to focus on what matters most—the care teams and patients they serve.

Harness AI and cloud technology to deliver value
PowerScribe One delivers exciting AI and cloud-powered capabilities with a modernized look and feel. Cloud speech delivers exceptional recognition with no local profiles to train or maintain. Dark- and light-mode color themes and color customization options accommodate varied reading environments and user preferences. In-workflow quality tools help drive consistency and minimize errors.

- **The power of structured data.** Continuous learning and context-aware language understanding convert unstructured text into structured data to expand interoperability and enable data-driven applications.

- **The power of AI-driven workflows.** Advanced language understanding and machine learning algorithms are uniquely integrated into the workflow to support improved efficiency and throughput, increased accuracy and specificity, and consistency with evidence-based follow-up recommendations. Ambient Mode turns free-form dictation into organized, structured reports, supported by automated decision support and quality checking.

- **The power of cloud-hosted speech technology.** Language processing and speech recognition are hosted on Microsoft Azure, a HITRUST CSF-certified platform. Deployment is easier with a reduced IT footprint. Adoption is accelerated with no need for local profile maintenance or training. Users can create voice-driven reports anytime/anywhere using a mobile device or remote workstation.

BENEFITS

- **Addresses burnout** with automated workflows and modernized interface to accommodate varied reading environments and user preferences.

- **Optimizes productivity and accuracy** by auto-populating reports, reducing errors, and minimizing redundancy.

- **Drives improved accuracy and recommendation 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 through a secure, cloud-based environment.

- **Supports remote deployment and anytime/anywhere reporting** with award-winning, cloud-hosted speech recognition technology.

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Countless capabilities, all included and designed for you.

- **Cloud Speech**
  Hosted model delivers exceptional accuracy while eliminating local profiles and workstation deployments.

- **Ambient Mode**
  Free-form dictation turns into organized, structured text.

- **Heads Up Display**
  Translucent information window easily moves out of the way so eyes stay on images.

- **Clinical Guidance**
  Context-based decision support supports improved accuracy and consistency.

- **Smart Assist**
  Real-time checklist summarizes potential quality and consistency issues.

- **Integrated AI**
  Deep learning and NLP technologies automate and assist reporting.

- **Relevant Priors**
  Dynamic display of relevant priors helps streamline reporting.

- **EMR Follow-up**
  Follow-up recommendations can be automatically delivered to the EHR and other systems.

- **Quality Check**
  Potential errors and mismatches are flagged with in-line alerts.

- **Enhanced AutoTexts**
  Improved editor makes it easier to manage and use AutoTexts.

- **Mobile Radiologist**
  Secure, voice-enabled mobile access allows report viewing, editing, and signing on the go.

- **Smart Search**
  Linked website of curated search engines can query radiology topics based on report content. CME credit is available.*

- **Peer Review**
  Systematic, randomized process for review of images and reports helps to support accreditation.

- **Editor Workflow**
  Reports can be sent to an editor prior to final review and signature if desired.

"Cloud speech in PowerScribe One is fantastic. The recognition accuracy is absolutely amazing right from the beginning, without having to train or maintain a profile. I don't have to spend time correcting speech errors, and can generally move through reports more quickly."

— Russell E. Allman, MD
   Radiologist
   Memorial Health System

LEARN MORE

For more information about PowerScribe One, please visit nuance.com/go/powerscribe

Endnotes
* Smart Search (formerly Assisted Diagnosis) can link to STATdx®, for clinical content and CME credit to STATdx subscribers. Contact Elsevier for more information.