**PowerScribe 360**

Speech Recognition, Clinical Language Understanding, Structured Reporting, Multisite Workflow, Peer Review, Data Capture, Integrated Clinical Content and Database Search and Performance Analytics

**CHALLENGE:**
The pressure is building as laws, regulations, incentives, sanctions and competitive forces drive the transition to value driven healthcare. Radiology increasingly is feeling the weight of change and the necessity to make the right decisions to succeed in this era of healthcare. How can radiologists provide accurate, actionable reports efficiently, while capturing and communicating results to referring physicians?

**SOLUTION:**
PowerScribe® 360 is the leading radiology reporting and communication platform for academic centers, hospitals, and imaging centers.

With PowerScribe 360, radiology departments can be confident they are using leading-edge technology designed to support best practice and work seamlessly with leading RIS/PACS solutions. PowerScribe 360 enables continuous quality improvement by streamlining the reporting delivery cycle and communicating relevant data through speech recognition, data integration, critical test results management, and performance analytics.

**KEY BENEFITS**

- Reduces costs, improves productivity, provides consistent, actionable reports that create a high level of satisfaction to referring physicians
- Provides real time feedback on report quality
- Offers leading-edge technology designed to support best practice, multisite workflow, and work seamlessly with leading RIS/PACS solutions
- Reduces turn-around time while improving processes and capturing accurate data for enhanced communication and departmental management
- Improves patient care through better clinical documentation
- Flexible data integration capabilities to import discrete data directly from radiology devices into the finished report
This dynamic platform prepares you for the future while delivering the critical elements for success today; actionable, structured, high-quality reports in an accurate, efficient manner. Clinical Language Understanding, data integration allowing for the receipt of data via web services or DICOM SR, multisite workflow and structured reporting in a single integrated solution. PowerScribe 360 also provides peer review, Assisted Diagnosis, mobile access, integrated clinical content and extensive administrative tools.

**DRAGON® MEDICAL SPEECH RECOGNITION**

Using the award-winning Dragon Medical speech recognition engine, PowerScribe 360 | Reporting is more accurate than ever. With up to 99% accuracy, supporting regional (Asian-Pacific, Asian-Indian, Australian, British, Hispanic, Pakistani) and United States (Deep South, Northern Inland) accents to create a more comprehensive language model that ensures higher speech recognition accuracy.

**DESIGNED TO ORCHESTRATE WORKFLOW**

Share patient information, view images, and interpret cases across disparate locations and systems with built-in, multisite radiology workflow and SLA management tools. Designed to address the needs of healthcare networks with multiple RIS, PACS, and Advanced Visualization applications, Workflow Orchestrator for PowerScribe 360 seamlessly integrates these elements into a unified worklist for radiologists.

**SUPPORTS ALL DICTATION STYLES**

PowerScribe 360 offers four primary dictation styles to accommodate individual physician dictation preferences. Radiologists can switch between dictation styles on a report-by-report basis if desired.

- **Speech Recognition with Delegated Editing**
  Radiologists do not edit their own reports; instead, their voice-recognized draft report is forwarded to a transcriptionist/editor for correction and formatting.

- **Real-Time Speech Recognition with Self-Editing for Nearly Instant Turnaround Time**
  Real-time speech recognition allows your radiologists to view text as it is dictated. Edit using speech recognition, keyboard, mouse, or a combination. Voice commands and microphone controls are used to correct and navigate the document.

- **Real-Time Speech Recognition with Auto-Loading Macros**
  Macros may be mapped to procedure codes and can be triggered by patient age and gender modifiers. Users can voice-navigate standard text blocks, numeric fields, and pick lists, all of which are fully voice-editable.

- **Real-Time Speech Recognition with Auto-Structured Reporting**
  Auto-structured reporting eliminates the need for the radiologist to follow the structured format of a macro, while the application automatically structures report content using conventional structured macros.

**WORKFLOW DESIGNED FOR ALL USERS**

PowerScribe 360 has robust workflows that map to the specific users’ daily routines, including: radiologists, fellows, residents, technologists, transcriptionists, front-desk users and administrators. In addition to workflow enhancements that are based on user roles, this solution includes workflows such as Wet Read functionality that allows ED physicians, overnight residents, and others to create ‘pre-draft’ dictations for off-hour preliminary reporting.
POWERScribe 360 | MOBILE RADIOLOGIST

Medical imaging professionals can use their smartphones or tablets to search radiology-specific content to assist with a diagnosis and to securely edit and sign reports in PowerScribe 360 | Reporting.

INTEGRATED PEER REVIEW

Integrated with an ACR RADPEERTM compliant quality assurance program, Peer Review for PowerScribe 360 | Reporting can automate quality improvement initiatives in departments or practices. The radiologist can evaluate prior reports while viewing and interpreting images via automated prompting or manual invocation, using the ACR-standardized four-point rating scale with clinical significance indicators.

The final Quality Assurance (QA) data can be exported from the PowerScribe 360 | Reporting Administrator Portal, or sent directly to the ACR eRADPEERTM submission system.

INTEGRATED CRITICAL TEST RESULTS MANAGEMENT

Critical test results management integrates directly into the reporting process with PowerScribe 360 | Critical Results. Radiologists can initiate urgent patient communications right from their reporting workstation. PowerScribe 360 | Critical Results delivers urgent findings to the referring physician via Short Message Service (SMS), email, fax or page, and audits the entire communication process. PowerScribe 360 | Critical Results is a recognized solution that meets Joint Commission and American College of Radiology (ACR) patient safety guidelines.

INTEGRATED MONTAGE SEARCH AND ANALYTICS

Montage provides enterprise search and performance analytics and pathology correlation for radiology environments. Search instantly, analyze quality and performance metrics, and correlate pathology and radiology follow-up on
cases automatically; while helping you close the loop and provide feedback on your reports.

INTEGRATED CLINICAL CONTENT
PowerScribe 360 offers an integrated radiology knowledge application with voice-driven and automated context-relevant searching. Assisted Diagnosis for PowerScribe 360 information is delivered instantly and provides access to disease details, differential diagnoses, radiology and anatomy e-books, medical image searches, Internet content, radiology search engines, annotated anatomical atlases and more.

CLINICAL LANGUAGE UNDERSTANDING
Assure for PowerScribe 360 flags quality errors and omissions within radiology reports prior to final signature, by leveraging unparalleled Clinical Language Understanding (CLU) technology from Nuance® healthcare. With this feature, radiologists can be confident they are providing high-quality reports to their referring physicians.

CUSTOM DATA CAPTURE AND EXTRACTION TOOLS
PowerScribe 360 features built-in access to a configurable data entry tool enabling radiologists, technologists, nurses and administrators to capture information when it is needed most.

A custom-field interface in the client application allows radiologists to enter custom data elements for post-reporting extraction and analysis. Sample uses include recording radiation dose exposure, contrast administration and ultrasound, flagging interesting cases, recording technologist or resident QA, marking cases for follow-up, evaluating study appropriateness or flagging pertinent findings.

Additionally, other healthcare professionals involved in the care of patients can enter data, which may be linked to a study and automatically merged into a radiologist’s reporting template.

FLEXIBLE DATA INTEGRATIONS
Powerscribe 360 | Reporting is a comprehensive radiology reporting solution that supports a robust integration platform which not only allows third-party integrators to push discrete data such as measurements directly into the Powerscribe 360 database, but also supports direct intake and parsing of DICOM SR documents. These imported data are then automatically added to radiology report templates, resulting in a time savings for the radiologist and an elimination of data error resulting from manual entry.

WEB-BASED ADMINISTRATOR AND USER PORTAL
PowerScribe 360 is managed by a secure Web-based portal, so your radiologists and administrators can access and monitor critical system and patient information from anywhere on the hospital network. In addition to administrator tools, a separate end-user portal provides Web-based access to key system functionality. This allows radiologists, fellows, and residents to edit reports and electronically sign preliminary and final interpretations on the Web.

ABOUT NUANCE HEALTHCARE
Nuance Healthcare, a division of Nuance Communications, is the market leader in creating clinical understanding solutions that drive smart, efficient decisions across healthcare. As the largest clinical documentation provider in the U.S., Nuance provides solutions and services that improve the entire clinical documentation process — from capture of the complete patient record to clinical documentation improvement, coding, compliance and appropriate reimbursement. More than 450,000 physicians and 10,000 healthcare facilities worldwide leverage Nuance’s award-winning voice-enabled clinical documentation and analytics solutions to support the physician in any clinical workflow on any device.

To learn more about how Nuance Healthcare can help you improve financial performance, raise the quality of care, and increase clinician satisfaction, please contact us at 800-350-4836 or visit www.nuance.com/healthcare.