

PowerScribe® for Radiology Workstation

Instant, Transcription-Free Radiology Reports

PowerScribe® for Radiology Workstation— For “Once and Done” Report Completion

CHALLENGE:

How can I provide the highest level of service to both patients and referring physicians?

SOLUTION:

PowerScribe for Radiology is the #1 choice of radiologists nationwide, with annual transcription cost reductions of up to 85% and payback in as little as 6 months or less.

PowerScribe for Radiology Workstation is a front-end speech recognition solution designed for easy incorporation into existing radiology workflow in teaching hospitals, community medical centers, and freestanding imaging centers. PowerScribe for Radiology has numerous features for maximum efficiency including seamless integration with nearly 50 RIS/PACS products.

Using PowerScribe for Radiology, a web-based application, radiologists can turn around reports within seconds. Since radiologists can sign off on a completed report while viewing the original image, the need to double-check reports returning from transcription is eliminated. As a result, PowerScribe for Radiology not only boosts radiologist efficiency, it also improves referring physician satisfaction, enhances patient care and yields significant cost savings.

PowerScribe for Radiology's web architecture fits today's “on demand” browser-based requirements, providing remote connectivity from multiple locations or home for dictation, review and sign-off. Radiologists open a browser and connect to a web

Key Benefits

- Reduces transcription costs by 85%
- Payback in as little as 6 months
- Increases radiologist productivity
- Eliminates phone consults
- Improves service to referring physicians
- Increases referring physician satisfaction and number of referrals
- Reduces turnaround time from hours to minutes

Key Features

- Web-based user interface
- Seamless PACS/RIS integration
- Hands-free dictation
- Workflow flexibility
- Proxy voice edit and signature
- Electronic signature
- Acoustic word training
- Sophisticated dictation shortcuts and templates
- Customized auto-formatting
- Order management
- Robust report distribution
- User friendly administrative functions
- Critical test results management

server to access their unique user profiles and speech files. The user interface is clear and easy-to-use, presenting all essential information in understandable windows and tabs.

Designed For the Radiologist

PowerScribe for Radiology is powered by **Dragon® Speech Technology**, the healthcare industry's leading speech recognition solution. Dictaphone has optimized Dragon's out-of-the-box accuracy by adding special application-level enhancements including a proprietary radiology language model and custom post-processing capabilities to streamline document completion. Although PowerScribe for Radiology users attain high performance, even greater accuracy can be achieved by training words and phrases that the system does not recognize correctly.

Supports All Dictation Styles

PowerScribe for Radiology offers four dictation styles to accommodate physician preferences:

- **Real-Time Speech Recognition with Self-Editing.** "Once and done" real-time speech recognition allows radiologists to view text at the end of dictation. They can edit it using keyboard, mouse, and standard word processor tools, or with voice editing – voice commands and microphone controls to correct and navigate the document. Radiologists also have the option of hands-free dictation – using a USB headset and foot pedal. The software immediately recognizes spoken changes and additions anywhere in the report.
- **Real-Time Speech Recognition with Batch Electronic Signature.** Offers radiologists the option of holding dictated reports in a queue ready for review and e-signature.

- **Speech Recognition with Delegated Editing.** Radiologists do not edit their own reports; instead, their speech-recognized draft report is forwarded to a transcriptionist/ editor for correcting and formatting. Transcription time and costs are reduced as reports no longer have to be keyboarded from start to finish. Voice and recognized text are linked for "edit while listening" for greater accuracy and efficiency.

- **Traditional Transcription.** The dictation of *locum tenens* physicians is transcribed without speech-recognized draft reports.

Report Templates and Shortcuts Enhance Productivity

PowerScribe for Radiology's timesaving shortcuts include voice macros, "power normals" and report templates. Users can even save recognized text on the fly as standard templates using a simple drag and drop procedure. Shortcuts and templates can be categorized, shared between users, and linked to specific procedure codes for maximum productivity.

Radiologists can invoke shortcuts and templates through voice commands and populate bracketed fields in templates through simple microphone commands and voice input without any keyboarding at all. Also, standard text blocks are fully voice editable, and additional dictation can be appended to standard text, for complete flexibility.

The combination of free-form speech recognition, plus the flexibility of standard text shortcuts and templates, turns radiologists into power dictators, significantly reducing dictation time. Radiologists pick cases from a complete orders worklist, showing relevant demographic data as a case is selected.

"The PowerScribe system has paid for itself in under 13 months of operation, while delivering priceless benefits in terms of faster access to clinical information, better care, and significantly enhanced service to physicians."

– Richard J. Lichtenstein, MD
Department Chair Radiology
Sarasota Memorial Healthcare System
Sarasota FL

Customization Enables Natural Workflow

Radiologists can customize vocabulary by adding new or preferred words to the system’s already extensive radiology-specific vocabulary.

PowerScribe for Radiology auto-formats reports, adding section headers such as “Impressions” or “Findings” which can be formatted automatically, according to your organization’s standards. Other auto-formatting features include dates and times, numbered lists, acronyms, and other words and phrases.

It also offers a range of flexible completion options, including support for residents and “nighthawks” for sign-off, proxy by attending physicians, as well as the choice of individual report or batch uploads.

PowerScribe for Radiology’s order management tool dramatically reduces duplicate dictation and administrative management. Radiologists view a comprehensive orders worklist requiring dictation, and select an order which populates patient information on screen and attaches it to the dictated voice file, eliminating the need for manual or verbal entry of demographic data. Radiologists also hear an audible alert if the current exam is on a cancelled order.

Flexible report distribution is yet another strength. PowerScribe for Radiology supports:

- ❑ Customized batch printing and faxing.

- ❑ Real-time HL7 interfaces allow for immediate transmittal of reports to the RIS.
- ❑ Over-the-phone report review for authorized physicians.
- ❑ Supports multiple distribution methods for each physician.

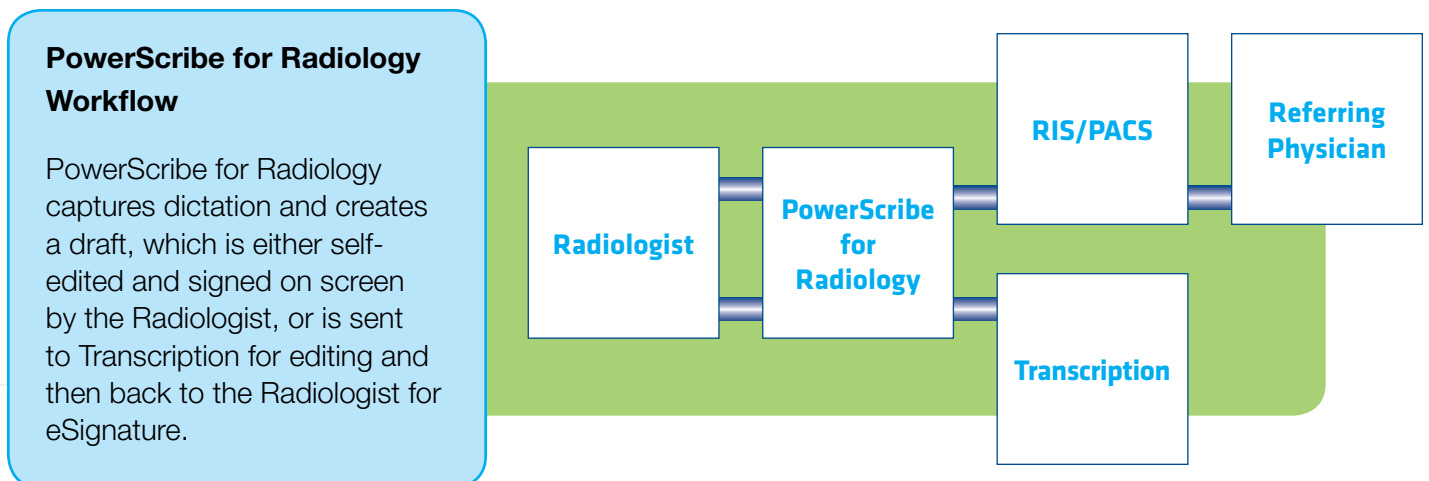
Fits Your Workflow and Integrates with Your PACS/RIS

PowerScribe for Radiology offers superior integration into existing radiology workflow, from case selection to transcription to e-signature to results reporting.

Radiologists can sign reports electronically while viewing patient images, allowing them to ensure the transcribed report reflects what they observe. With such quick and seamless report turnaround, radiologists are assured of a more complete, higher quality diagnostic interpretation.

Dictaphone has developed HL7 interfaces to the leading PAC/RIS vendors, which means all order information is delivered to PowerScribe for Radiology for presentation to the dictating radiologist. Completed reports are uploaded back to the PACS/RIS.

Through its PACS/RIS Extension Partner (PREP) Program, Dictaphone has integrated PowerScribe for Radiology with a wide range of leading RIS and PACS systems, including MediTech, GE® Healthcare, FujiFilm™ Medical Systems, Cerner®, McKesson®, Siemens® and Agfa®.



Dictaphone Healthcare Solutions

Dictaphone has a full range of speech recognition solutions to help healthcare organizations improve report turnaround time, reduce costs, and improve quality of care.

- **Enterprise Workstation®**—A front-end browser-based solution that offers physicians flexible input and editing options, to reduce report turnaround time and the costs associated with transcription.
- **Enterprise Express® Products**—Dictation, transcription and back-end speech recognition solutions that offer some of the most sophisticated technology and advanced editing capabilities. **EXSpeech®** is a key option, which recognizes physicians' dictation and routes it to a transcriptionist for final editing.
- **iChart® Managed Services**—A flexible ASP solution that integrates world-class speech assisted transcription services and advanced speech recognition technology to meet each organization's unique document completion needs.



Focus Informatics, Inc.
Ranked #1 in Outsourced Transcription
in Top 20 Mid-Year Report
June 2007
www.healthcomputing.com
©2006 KLAS Enterprises, LLC. All rights reserved.

- **PowerScribe® for Radiology**—A web-based, front-end speech recognition solution that can help radiology departments significantly reduce report turnaround time and lower transcription costs by as much as 75%-100% a year.
- **PowerScribe® for Pathology**—A front-end web-enabled workstation designed with special pathology-specific features for efficient hands-free reporting—from gross description through electronic signature.
- **Dragon® NaturallySpeaking® Medical**—A front-end real-time speech recognition program that works with virtually any Windows®-based EMR system for efficient report completion, and easy navigation and adoption of the EMR.



Why More Radiologists Prefer PowerScribe for Radiology

More hospitals and imaging centers have selected PowerScribe for Radiology than any other speech recognition product, making it the #1 choice of radiologists, nationwide, with:

- 1,000+ hospitals and imaging centers
- 1 out of 3 radiologists
- Annual industry savings of \$200 million+
- Annual transcription cost reductions of up to 85%
- Potential reductions in length of stay.

About Dictaphone

Dictaphone Healthcare Solutions is a division of Nuance Communications, the world's leading provider of speech and imaging solutions. Today, Dictaphone provides the most comprehensive family of speech-driven clinical documentation solutions available anywhere. Our vision is to accelerate the adoption of EMR systems, helping providers maximize the return on their technology investments.

Let Us Be Your Partner

Let us help you achieve your vision of computer-based clinical documentation created at the point of care.

To learn more about how Dictaphone can help you improve financial performance, raise the quality of care, and increase clinician satisfaction, please contact us at **888-350-4836** or visit www.nuance.com/dictaphone.

© 2007 Nuance Communications, Inc. All rights reserved. Nuance, the Nuance logo, Dictaphone, the Dictaphone logo, PowerScribe, PowerMic, iChart, EXSpeech, Enterprise Workstation, Enterprise Express, Dragon, and NaturallySpeaking are trademarks and/or registered trademarks of Nuance Communications, Inc., and/or its subsidiaries in the United States and/or other countries. All other trademarks are properties of their respective owners.