



SpeechQ for Radiology™

Real-Time Interactive Speech Recognition Streamlines Reporting Workflow and Maximizes Efficiency

In 2009, OhioHealth was selected to receive a CIO 100 Award as an industry leader for its use of MedQuist's SpeechQ for Radiology system.

OhioHealth saved more than \$400,000 in transcription costs in its first year of SpeechQ use.

By capturing spoken dictation and turning it into text, speech recognition dramatically improves productivity through faster report turnaround, and lowers costs. That's why the technology is rapidly being deployed by healthcare organizations, particularly in radiology, where productivity, patient and physician satisfaction, and financial reimbursement to the institution depend on timely reports.

Thousands of radiologists practicing in hospitals, imaging centers, and groups use MedQuist's SpeechQ for Radiology™ every day to manage their reporting demands. The system offers real-time interactive speech, so radiologists can dictate, review, and electronically sign their reports in one pass, eliminating the transcription step. Interfaces with RIS or PACS permit patient demographic information to be automatically pre-populated into the reports, another timesaver. For situations where self-completion is not the physician preference, the document can be easily sent to a medical editor for review.

SpeechQ Productivity Enhancements

SpeechQ for Radiology now offers optional fully integrated workflow enhancements that make the system more useful and productive for the radiologist and the department as a whole.

- **zVision™ from Clario Medical Imaging** is a workflow accelerator/information aggregator that provides radiologists with a unified worklist and offers critical results reporting, the ability to select cases for peer review, and data retrieval through a unique dashboard view.
- **SpeechQ VTB** is an integrated solution leveraging MedQuist's in-house billing services to provide same-day coding and billing for the radiology community. Using the SpeechQ system to produce reports that can be sent to the Web-based platform for worry-free outsourced coding and billing creates a streamlined "voice-to-bill" process.
- **Primordial Search** provides radiologists a toolbar on their SpeechQ screen to enable on-demand, nearly instantaneous "Google-like" search of all patient reports at their site, eliminating the need to interrupt workflow to open other applications. The application can also be set up to access archived reports from the PACS or RIS systems, as well as third-party radiology reference material and Web sites.

Speed-to-Value

Fast ROI happens only when systems achieve rapid and effective use by radiologists and administrators. MedQuist is committed to a "speed-to-value" approach that includes:

- Experienced professional services to help customers configure and integrate their systems to optimize productivity.
- One-on-one training that ensures users learn at their own pace.
- Speech software designed to be used productively with only a two-minute enrollment.

"Thanks to SpeechQ, I can go home at night knowing that all my reports have been signed and distributed."

FEATURES

- Bypasses manual transcription step
- Real-time self-complete functions with user-friendly voice editing and electronic signature
- Unlimited user-defined macros & templates with fields that can be filled through voice commands
- Flexible workflow with convenient "send to editor" feature
- Integration with most major RIS/PACS
- Smart Fields automatically populate pre-defined sections of report with data from the RIS
- Ergonomic, full-function speech microphone with intuitive and customizable buttons to control dictation
- Sophisticated document routing including batch print and physician phone review
- Powerful, high accuracy speech recognition technology with:
 - Continuous learning from edits made to recognized text
 - Auto-punctuation
 - Auto-formatting of medical terms, numbers, and dates
 - Ability to distinguish and ignore non-speech sounds

BENEFITS

- Speeds report turnaround time--from days or hours to minutes. Saves substantial cost--ROI frequently obtained in less than a year
- Puts physician in control of documentation
- Shortens documentation cycle. Promotes consistent quality documentation
- Matches radiologist work patterns and preferences
- Image, order, and other data available to radiologist while dictating. Lets radiologist concentrate on reading images rather than on the dictation system. Finished reports automatically uploaded to RIS
- Saves the radiologist time and increases accuracy of reporting
- Promotes user adoption through similarity to conventional dictation
- Reports quickly transmitted to referring physicians and other required locations, speeding care delivery
- Rapid report completion with minimal editing required

Find out how MedQuist can lower operational costs, improve revenue cycle management, and promote EHR adoption with ...

- Speech Recognition Solutions
- Transcription & Editing Services
- Workflow & Analytics Systems
- Computer-Assisted Coding and Data Services

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