

RIS-Driven Reporting & Speech

Co-existent report, dictation, speech recognition and transcription solutions.

Built around the award winning M*Modal Speech Understanding engine, the eRAD RIS reporting module offers powerful report creation, including customizations and structured reports tied to the modality and procedure.

What if the system adapted to you, instead of the other way around? eRAD's Reporting flexibly corresponds to the way radiologists naturally work. Putting dictation, speech recognition and structured reports together with one-click signing alternatives (like self-edit or send to transcription), eRAD empowers radiologists to focus on clinical findings. Relevant priors and other patient data crucial to the read and report are found right on the screen, not on another system or another site.

Speech Recognition

Productivity, patient satisfaction and reimbursement are all closely tied to timely, accurate reports. Speech recognition drastically speeds report generation and turnaround and lowers cost.

eRAD goes beyond conventional voice-to-text rendering to deliver true medical Speech Understanding. Powered by the M*Modal engine, an industry-leading speech technology, eRAD's Speech Recognition captures meaning and syntax, not just word strings. Your profile is stored in the cloud and available at any workstation—no more thumb drives to manage. Conversational speech is processed from any source—PCs, traditional phones, smartphones, dictation stations. A self-learning, radiology-specific lexicon improves with use, and you get a streamlined workflow.



Signing options.

The radiologist is not forced into the same routine for every read. A default signing route can be set—and changed with one click for a certain read. eRAD makes options—self-edit, release pending, send for editing—available.



Quality and consistency with templates.

RSNA-recommended templates provide quality and consistency in reporting, benefitting the referring physician. Radiologists can customize reports, from the base template, to fit a preferred dictation style. Custom report templates can be shared or limited to one user or group.



Power of a single platform.

Everything the radiologist needs—reading tools, patient history, images, tech notes, relevant priors, dictation tools—is coherently organized from a single, intelligent dashboard. But the result back to the local RIS/HIS is native to that system.



Distributed gains.

Single-platform reading and embedded reporting (directly into the workflow) provides exponentially greater gains in a distributed environment. Fast, accurate results are achieved—even remotely—when data from disconnected facilities can be processed consistently and efficiently.

"Prior to using eRAD, we had a highly manual (and messy) process for aggregating the clinical documentation and images and then dictating, transcribing, editing, signing and distributing reports. We have seen our efficiency go up by an order of magnitude now that we are using eRAD, and it was easy to deploy, given they provide all of the IT infrastructure when utilizing the cloud. It's a lot like subscribing to a cell phone plan."

Rick Chesbrough, M.D.
President and CEO
Radiology Medical Consultants

Under the Hood

Built around the award winning M*Modal Speech Understanding engine, the eRAD RIS reporting module offers powerful customizable report creation, including structured reports tied to the modality and procedure.

RIS Reports support:

- Dictation, batch recognition and full interactive mode.
- Native report template and macro creation for reporting.
- Xkeys integration.

Radiologists can scroll and dictate at the same time, self-edit, batch edit and attach key images directly into reports. M*Modal automates a radiologist's standard syntaxes into a prepared clinical outline, so the radiologist can avoid long, slow, cumbersome dictation. The report is formatted while the radiologist says as little as necessary. Structured reporting comes with user-defined macros, which can be mapped to trigger by patient, facility, modality, body part, reading and/or referring MD. Users can easily voice navigate standard text blocks, numeric fields and pick lists with speed, accuracy and control. eRAD's cloud server enables roaming profiles, so that users can access their profiles at login from anywhere.