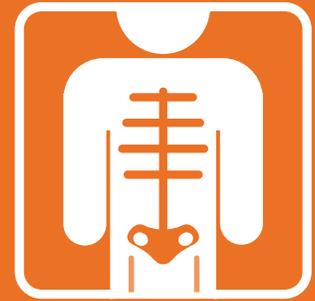# mℵModal™

COMPREHENSIVE IMAGING SOLUTIONS
Efficiently Deliver Value-Based Imaging Care

*Radiologists struggle to deliver quality care quickly in a complex healthcare environment with diminishing reimbursements and resources on the one hand and increasing regulatory requirements and competition on the other. Effectively utilizing all captured patient information is the key to value-based, integrated healthcare delivery. M*Modal's comprehensive imaging solutions extract actionable clinical information locked in radiology narratives and make it available for immediate use in the reporting workflow. This true and differentiating workflow orchestration dramatically enhances both efficiency and quality of care.*

M*Modal imaging solutions are designed to support radiologists on the frontline of report creation and documentation workflow, as well as empower administrators charged with improving patient throughput, compliance and cost control. M*Modal offers a smarter way of managing imaging as a unified, end-to-end process with single-vendor, single-architecture technology solutions. While Fluency for Imaging™ and Fluency Discovery™ with Imaging have unique and independent capabilities, together they are exponentially more effective. The workflow solutions within Fluency for Imaging are informed and enriched by the intelligence of Fluency Discovery with Imaging to deliver tangible value to multiple stakeholders. Together, they bring unparalleled intelligence to the radiology workflow by ensuring that the right information is delivered to the right place at the right time, in real-time and automatically.

Powered by M*Modal advanced Speech Understanding™ and Natural Language Understanding (NLU) technologies, our solutions are designed to help you deliver faster and higher-value services. The M*Modal imaging portfolio provides everything you need to succeed: advanced speech recognition, structured reporting, transcription services, multi-site workflows, performance measuring and monitoring tools, real-time physician feedback, clinical intelligence and decision-support capabilities. Ultimately, M*Modal imaging solutions help enhance your value and relevance to the enterprise and the care cycle, as well as boost referring physician satisfaction and loyalty.

M*Modal Imaging Solutions

- Turn physician dictation into accurate, structured reports
- Deliver automated physician feedback at the time of reporting
- Deliver actionable insights from the narrative
- Automate the identification of meaningful information
- Information enable radiology workflows

INTERACTIVE DOCUMENTATION:
IMPROVE THE QUALITY AND VALUE OF RADIOLOGY REPORTS

The M*Modal complete imaging documentation and workflow solution combines advanced speech recognition technology, structured reporting and integrated productivity tools for faster creation and turnaround of higher-quality radiology reports.
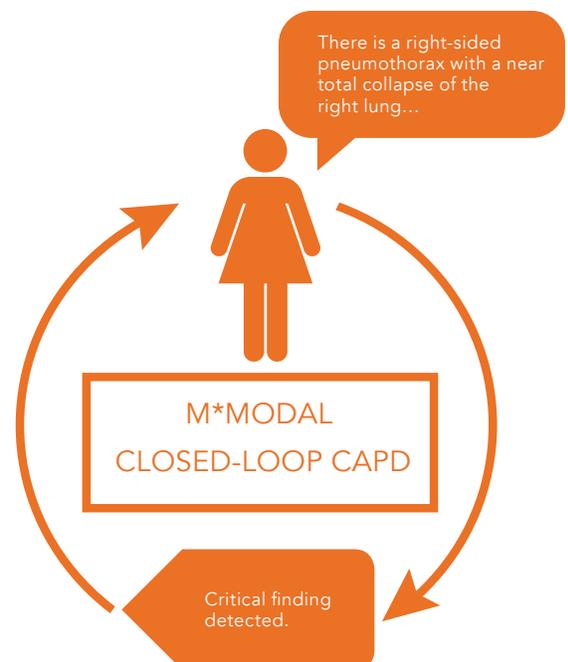
- Physician dictation is transformed into accurate electronic documents that are structured, clinically encoded, searchable and shareable.

- Context-specific patient information—from prior reports, EHRs, RIS, PACS, lab values, pathology reports, etc.—is summarized and made available at the time of report creation. Such clinical context, delivered within the operational workflow, is essential for radiologists to fully understand the patient history and deliver quality, definitive interpretations without compromising on efficiency.

- The M*Modal Catalyst™ NLU technology platform helps close the communications loop by flagging deficient documentation and providing real-time physician feedback to prompt corrective action prior to report signature.

- Not only does this improve the speed, quality and value of radiology reports, but it also promotes collaborative care and supports appropriate reimbursement and improved outcomes.

INFORMATION-DRIVEN WORKFLOWS:
ENHANCE EFFICIENCY AND THE USER EXPERIENCE

By extracting, aggregating, analyzing and presenting context-specific clinical information, M*Modal imaging solutions provide game-changing workflow management capabilities. Based on semantic understanding, M*Modal technology dynamically reacts to what is said and what is known from priors to automatically initiate a unique, information-driven, situationally-appropriate workflow. M*Modal Computer-Assisted Physician Documentation (CAPD) delivers content-based, real-time, corrective and pre-emptive physician feedback and decision support to create better reports and improve downstream processes related to compliance, coding and quality reporting. The system continuously monitors the narrative to, for instance:

- Flag the identification of a critical finding so that the appropriate critical finding workflow can be initiated

- Warn the physician of any non-compliance with Physician Quality and Reporting System (PQRS) measures to ensure timely intervention

There is a right-sided pneumothorax with a near total collapse of the right lung...

M*MODAL
CLOSED-LOOP CAPD

Critical finding detected.

CLOUD-BASED SOLUTIONS:
OPEN AND EXTENSIBLE TECHNOLOGY

M*Modal technology is built on the company's cloud-based, single-architecture, enterprise documentation platform. This allows regular updates and ever-expanding capabilities to be added to make radiology operations more efficient, productive and profitable. It makes information and capabilities readily available to any stake-holder in the radiology care cycle, whenever and wherever needed. Our "in-the-cloud" approach gives you the flexibility to scale to meet your needs, leverage virtualized IT environments and easily integrate with other M*Modal solutions.

Uniquely, the M*Modal single, enterprise speech platform enables users to utilize different speech options, all with the same cloud-hosted user profile which is shared across all M*Modal speech solutions. One profile allows all speech-enabled documentation methods to contribute to and benefit from each other's success for unparalleled out-of-the gate accuracy.

BENEFITS

- Tremendous time savings for clinicians with smart, streamlined workflows and real-time intelligence
- Improved quality, speed and value of radiology reports with easy access to the complete health record
- Easier and quicker identification and documentation of critical findings
- Evidence-based decision support for physicians at the point of care for improved patient outcomes
- Increased revenue with improved quality and specificity of documentation
- Better patient care by auto-population of dosage and measurements information into the report
- Optimized compliance reporting, increased EHR adoption and Meaningful Use demonstration
- Enhanced physician communication and information exchange by integrating radiology with the enterprise
- Increased value and relevance of radiologists to patient care and outcomes

M*MODAL COLLABORATIVE IMAGING SOLUTIONS INCLUDE:
M*Modal Fluency for Imaging

An advanced report creation and workflow management suite that provides:

- **Reporting:** An intelligence-driven imaging reporting solution that combines advanced Speech Understanding technology, structured reporting and the integrated productivity tools of Critical Test Results Management (CTRM) and Peer Review. Additional workflow capabilities are made available through integration with third-party solutions for dose and contrast monitoring, and communications escalation.
- **Worklist:** A unified, enterprise radiologist worklist that provides a consolidated view into multi-site, multi-system environments with workload distribution features such as advanced exam filtration, prioritization and assignment.
- **Analytics:** Effective Business Intelligence and Clinical Analytics tools measure and monitor your depart-ment's operational performance related to quality, safety, outcomes and patient satisfaction.

M*Modal Fluency Discovery with Imaging

*Fluency Discovery provides a single access to multiple applications (e.g., Imaging, CDI, etc.) that leverage the same M*Modal Catalyst cloud-based NLU technology that underpins all our solutions. Fluency Discovery used with the Imaging app extracts actionable clinical information from report narratives, aggregates data from clinical systems and makes all that information available in the radiology workflow. Additional benefits include:*

- **Compliance:** Supports immediate, concurrent and retrospective identification of non-compliance issues by organization and by physician.

- **Critical Findings Monitoring:** Identifies and monitors critical findings across the entire population of radiology reports to show compliance over time and by radiologist. Replaces manual quality reviews by automatically identifying positive critical findings that lack notification.

- **Reimbursement:** Provides patient problem summary at the time of report creation to improve care and prevent document deficiencies that lead to loss of professional revenue.

- **Search and Discovery:** Leverages unique and differentiating contextual understanding to search and identify terms and concepts as well as positive/negative findings. Quickly and easily identifies documents, patients and populations to meet research or compliance goals.

ABOUT M*MODAL

M*Modal delivers innovative solutions that capture the complete patient story by facilitating clinical workflows, enabling collaboration and providing insight for improved delivery of care. M*Modal is the leading provider of interactive clinical documentation and Speech and Natural Language Understanding technology, as well as medical transcription, narrative capture and support services. Our flexible, cloud-based technology and services convert the physician narrative into a high quality and customized electronic record to enable hospitals, clinics and physician practices to improve the quality of clinical data, as well as accelerate and automate the documentation process. Our solutions address the critical issues for the future of the healthcare industry—from EHR adoption to accurate ICD-10 coding to enhanced business analytics.

To find out more, visit **mmodal.com** or contact us at **866-542-7253**.