

Precyse Solutions Introduces Catalyst for Advanced Front-End Speech Recognition

*Clinical documentation software provokes significant change,
enabling dictation, transcription and editing to be completed in a single step;
documentation automatically appended to EHR as discrete data for meaningful use*

Atlanta, Georgia – March 1, 2010 – Precyse Solutions, LLC, which provides hospitals with the most advanced transcription software platform available, combining superior speech recognition and workflow technology with an extensive transcription services organization, today announced the launch of Catalyst, an innovative front-end automated speech recognition (ASR) product. Highly flexible, Catalyst enables providers to capture the entire patient “story” via common speech and saves it as discrete data to the electronic health record – driving EHR adoption and accelerating compliance with HITECH Act provisions.

Under development for 18 months, Catalyst now enters the market at a time when provider organizations are grappling with how to make best use of new healthcare information technologies, as well as comply with elusive meaningful use mandates and interoperability benchmarks.

“While providers fully recognize the value of HIT, many have been confronted with one particularly significant hurdle,” says Kenneth Lacy, CIO of Precyse. “Most caregivers balk at making changes to familiar work habits. Documenting patient visits in the EHR, unfortunately, often requires major adaptations.” Specifically, he adds, many providers are concerned that electronic documentation takes more time than traditional dictation and that structured data entry constricts their ability to thoroughly document the patient encounter.

These barriers are removed with speech-based options preserving free-form narrative that can then be transformed into discrete data for integration with the medical record. Today, caregiver dictation often is captured verbally and transcribed using ASR at the back-end of the process, where transcriptionists edit the document. Catalyst, on the other hand, offers front-end ASR which quickly learns providers’ patterns, personalities and preferences – and then allows them to review and finalize their own dictation.

“Simply put, Catalyst serves as a practitioner portal that enables the caregiver – rather than the transcriptionist – to interact directly with the speech understanding technology,” says Lacy. Documentation can be edited by the provider in real time or through traditional workflows.

In addition, Catalyst allows point-of-care progress notes and physician orders documented by nurses, respiratory therapists, pharmacists and other members of the care-giving team to be captured electronically and immediately included with the medical record. This information typically is handwritten and paper-based, making it difficult for any given provider to quickly access disparate pieces of clinical information to ensure a comprehensive view of patient status. Catalyst overcomes these problems and makes comprehensive notes available to colleagues for real-time medical decision-making.

Catalyst offers a wide range of benefits:

- Rapid acceptance of EHR systems, because providers won't reject rigid, hierarchical methods of data entry such as templates, typing or even handwriting tablets;
- Comprehensive capture of patient information since providers aren't limited by checklists, preset data fields or drop-down options;
- Faster access to vital patient information because turnaround time is greatly reduced – or even eliminated.
- Increased quality of documentation since practitioners can review and revise dictation immediately to ensure accuracy and clarity; and
- Reduced transcription costs since providers can directly access and finalize documentation, eliminating the need for transcriptionists to edit the dictation.

“These days, it’s rare that any new technology can justifiably be called ‘groundbreaking,’” notes Jeffrey Levitt, CEO and Founder of Precyse. “But we’re confident this is an apt description for Catalyst. Clinical documentation optimization and real-time access is now available. Inherent interoperability with the EHR results in immediate ‘meaningful use’ – while also facilitating possible ‘exceptional use’ of vital clinical data.”

Levitt also announced that Precyse will launch similar innovative products in the months ahead, as many promising beta projects are nearing completion.

ABOUT PRECYSE SOLUTIONS

Precyse Solutions is the only company that combines integrated platform solutions for both transcription and medical coding operations. The Precyse transcription software platform deploys advanced speech recognition (ASR) and workflow technologies with an extensive transcription services organization, offers a robust remote coding functionality, and can deliver on a full suite of HIM services and solutions. Precyse provides flexible clinical documentation solutions that accelerate turnaround, reduce human resource demand and advance the agenda of transforming dictation directly into meaningful clinical data.

Precyse captures, organizes, secures and analyzes clinical data by applying advanced technologies and business expertise and transform it into actionable information to advance the delivery of quality patient care and optimize operating performance. The platform is designed to offer easy-to-use, forward-looking capabilities like CDA tagged dictation and structured text, physician self-editing and computer-assisted coding. For more information visit, www.precysesolutions.com or call 770-325-8261.