

ZyDoc Speech Recognition Press Releases

February 2, 2004 - Hauppauge, NY. ZyDoc is pleased to announce the release of newly updated speech recognition vocabularies and language models. These language models offer the highest continuous speech recognition accuracy in the industry as demanded by physicians and will significantly improve performance of current users of speech recognition for all healthcare applications and medical specialties.

Since 1998, ZyDoc has been the leader in producing high-quality, highly accurate vocabularies used by thousands of physicians and has won numerous software awards. The speech recognition vocabularies are the same ones licensed by public transcription companies and transcriptionists using dictation in place of typing or run on backend speech recognition servers preparing draft documents for editing. These vocabularies can be purchased on a stand-alone basis or bundled with Dragon NaturallySpeaking Professional or Medical 7.0 and are also available for other speech engines using statistical computational word combinations. They are the same vocabularies incorporated in the award winning ZyDoc SpeechDoc EMR and other speech recognition applications.

ZyDoc language models and vocabularies were evaluated and bundled by Dragon Systems with their Medical version 4.0 and were incorporated in the Talk Technology TalkStation Cardiology and Emergency workstations in 2001. The newly updated speech recognition language models for Dragon NaturallySpeaking 7.2 allow typical users to reduce errors by 50% when using TalkStation workstations in Radiology, Emergency Medicine, Pathology and Cardiology compared with prior versions. The TalkStation workstations, ranked as the top speech recognition systems in the industry by KLAS Enterprises in 2003, are sold by AGFA, and integrated into Impax and speech recognition modules sold by Mysis, MedQuist, Siemens, Medical Manager, Lanier and others and are installed at over 200 hospitals.

The ZyDoc vocabularies work with all versions of Dragon NaturallySpeaking Professional or Medical, and IBM ViaVoice and allow specialty doctors to dictate into any EMR application. ZyDoc also optimizes speech command and control of EMR applications and can make vocabularies for incorporation in Powerscribe and Dictaphone products, Philips speech recognition applications and Microsoft speech recognition applications when available. Many IBM speech and Dragon resellers carry these ZyDoc language models and many EMR vendors plan to incorporate these in their solutions.

ZyDoc also offers its own line of speech applications incorporating these highly accurate speech recognition modules and speech command and control of workflow with SpeechDoc EHR. The SpeechDoc application that has received awards from both the speech recognition and computing industries and is the fastest means of documenting an encounter and can be embedded in other systems. SpeechDoc is a multimodal application designed for rapid capture of clinical information. It is optimized for speech recognition but also utilizes other modes of data entry on the Tablet PC with handwriting recognition, keyboard, mouse and pen stylus input. ZyDoc bundles these solutions on wireless Toshiba tablet

PCs that were determined to be the best form factor for physician use over the next five years by HealthTek in a recent survey.