

Custom Speech USA™ Case Studies Teaching Hospital

Background

Department chairman wanted telephone dictation with speech recognition.

Case Study

Vendor/Client

AVS Technologies for Johns Hopkins Hospital, Baltimore, MD.

Overview

Johns Hopkins Hospital is engaged in patient care, medical research and teaching. The Johns Hopkins Health System includes three acute-care hospitals and programs for local, national and international patient activities. One of the department chairmen frequently traveled away from the main Baltimore campus and wanted speech recognition for telephone dictation. The text would be edited by his secretary and submitted to him for approval. As he would be the only user, a simple, economical system was needed.

Components

- Command!™ Telephone Dictation Center
- SpeechServers™
- Dragon NaturallySpeaking v. 6.0
- Command!™ Transcription Workstation

Installation

Command!™ Telephone Dictation Center was installed with Dialogic telephony card on standard personal computer running Windows 2000 Professional. Using Command!™ workflow manager, telephone audio was transferred to acWAVE™ for conversion from 8K, 8 bit to 11K, 16 bit for transcription with speech recognition. Converted audio was transcribed using SpeechServers™ with Dragon NaturallySpeaking and sent to transcription workstation. Transcription workstation included workflow manager, PlayBax™ audio playback software, and standard 3-position transcriptionist foot control. Text was edited in Microsoft Word and sent to physician for corrections or approval.

Benefits

- Telephone dictation and speech recognition
- Use with off-the-shelf Dragon NaturallySpeaking and Microsoft Word
- Flexible and economical telephone dictation server software beginning at just \$999

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We teach computers how to listen®

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