Fluency Direct

Requirements

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ABOUT FLUENCY DIRECT

Fluency Direct is a desktop solution for free-form dictations of medical reports and use in third party software. Using Fluency Direct, a user benefits from a unique hybrid front-end / back-end approach to speech recognition.

- Complements EMR implementation

- Includes speech enabled command and control

- Leverages M*Modal's CDS technology and infrastructure

- Fluency Direct allows for centralized administration of user profiles allowing for roaming profiles. Physicians will not be tied to a single device for their dictation needs.

- Fluency Direct is designed to continually improve author specific accuracy over time. The system continually learns based on previous dictation and can even benefit from the historically dictated and transcribed reports done via our partner transcription services.

- Fluency Direct uses M*Modal's Speech Understanding which improves accuracy by pairing language models and the context of words.

- Speech Processing can be off loaded from PCs requiring less computational resources locally allowing Fluency Direct to run in thin client and under powered environments more effectively.

The server based model for speech processing allows for the frequent and seamless upgrade of speech translation technology. The backend speech processing engine gets updated and improved frequently.

HARDWARE AND SOFTWARE RECOMMENDATIONS

Clinical workstations to be used during the need to fulfill the following minimal specs:
- Operating System: Microsoft Windows XP, Vista or 7
- Processor: Intel Core 2 CPU, 1.5 GHz, 1 GB RAM (2 GB Recommended)
- Microsoft Internet Explorer Version 6 (SP1) or higher
- .NET 3.5SP1

INTERNET CONNECTIVITY REQUIREMENTS

An Internet connection with the following requirements is needed:
- Minimum bandwidth of 512 kbits/sec
- Open port 443 for HTTPS/SSL traffic

SUPPORTED MICROPHONES

Customers may choose one of the following microphone devices for use:

Handheld

MICROPHONE
Philips LFH3205 SpeechMike III
Philips 5276 SpeechMike Pro Plus
Philips 7272 SpeechMike Classic Plus
Philips 7276 SpeechMike Pro Plus – SpeechExec Pro
Philips 7262 SpeechMike Classic - SpeechExec Pro
Philips 7274 SpeechMike Pro - SpeechExec Pro
Philips 5272 SpeechMike Classic Plus
Philips 5262 SpeechMike Classic
Philips 5274 SpeechMike Pro
Philips 5282 SpeechMike Classic Bar Code Scanner
Philips 5284 SpeechMike Pro Bar Code Scanner

Headset

MICROPHONE
Andrea Electronics NC-181VM
Plantronics Audio DSP 300 USB
Plantronics Audio DSP 400 USB
Plantronics Audio DSP 500 USB
Plantronics Audio DSP 626 USB

Wireless

MICROPHONE
Phillips LFH3010 SpeechMike Air Slide Switch
Phillips LFH3015 SpeechMike Air Slide Switch
~~Plantronics CS70N~~
Plantronics CS50-USB
Plantronics CS55 with rocker switch
Plantronics CS55H