

SpeechUsers™

Speech User Management for the Small Office or Enterprise

SpeechUsers™ is sold as a separate software application or as part of SpeechServers™. As a standalone, it is an import/export tool for user speech files. As a SpeechServers™ component, it can be used for export/import functions, as well as to assign speakers and vocabularies to speech recognition users. The functionality of SpeechUsers™ in a network setting is best understood through a description of Windows-based SpeechServers™ system. This system permits batch transcription of audio files by a local PC or central server, correction by an editor of the PC-generated text, automated training of speech files by a PC, and distribution of trained speech files to local PCs. More specifically:

The dictating user no longer has to initialize or train the system. The system can begin transcribing an unknown user dictating into a microphone, hand held recorder, or telephone. A user profile is automatically created with the patent pending CompleteProfile™ server component using the Dragon or IBM speech recognition engines or both.

The TransWaveX™ server component transcribes the audio using the Dragon or IBM speech recognition engines or both. Using an associated product, acWAVE™, audio in compressed or proprietary formats can be converted to standard .wav format for transcription. With SpeechSettings™, a Command!™ add-in and configuration client, different vocabularies can be specified for various speakers and document types.

Correction and final text preparation is performed using SpeechMax™, an easy-to-use front-end editor. This client application can reside on the same machine as SpeechServers™ or a remote one. Editing can be performed by the speaker or another party using the patent pending TurboTranscribe™ technology and other advanced features.

Automated training occurs on the patent pending SpeechTrainer™ server. Misrecognized text is corrected and automatically cycled through a set number of repetitions (“power training”) to further improve the accuracy of the Dragon or IBM engines or both.

With SpeechUsers™ utility, speech files created centrally using the Dragon or IBM engines can be transferred to a remote computer. Conversely, speech files initially trained on remote machines can be transferred to SpeechServers™ for transcription or further training.

Proprietary CSUSA session files containing audio-aligned text are created with the patent pending SaveSession™ server. These files are distributed to other servers and the SpeechMax™ editor. The files are provided in compressed, encrypted format.

With patented SpeechTracker™ technology, audio can be automatically routed based on the speaker's speech recognition training status. For example, speakers “in-training” will have audio queued for both traditional manual (human) and automated transcription for training.

Workflow and file management is seamlessly and transparently organized by the patent pending and versatile Command!™ workflow manager.

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We teach computers how to listen®

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