

SpeechMax™

With TurboTranscribe™ and other Powerful Features—Version Description

SpeechMax™ (U.S. Patent and other patents pending) can be used as a text processor to edit and correct text transcribed by speech recognition. The software can be used to generate final text for a report or document or prepare verbatim text for speech recognition training. The application can be used as a standalone or as a client application with Command!™ and other Custom Speech USA, Inc. speech processing applications. SpeechMax™ can open proprietary session files (.csf) containing audio-aligned text created by SpeechServers™. These servers transcribe using the Dragon or IBM speech recognition engines. In addition, SpeechMax™ runs Dragon session (.dra) files from the off-the-shelf NaturallySpeaking Professional edition.

In a single-engine mode, open a single .csf or .dra session file to review PC-transcribed text and make necessary corrections. Using the .csf files, the operator can view text transcribed by SpeechServers™ using the Dragon or IBM speech recognition engines. Three windows are available in single-engine mode: Transcribed Text, Final Text, and Verbatim Text. The Transcribed Text is “read only” and permits viewing and audio playback. The Final Text window is for generation of final report or document and includes features such as bold, italics, underline, spell check, and others. The Verbatim Text window is for preparation of verbatim text (exactly what the author said) and may be linked to the Final Text window for rapid production of final and verbatim text. Depending upon operator preference, one, two, or three of the windows may be opened.

In dual-engine mode, open session files from two speech recognition engines simultaneously. In this mode, four windows are available: Transcribed Text , Secondary Transcribed Text, Final Text, and Verbatim Text. The Transcribed Text is generated by a speech recognition engine. The Secondary Transcribed Text may include text generated by a speech recognition engine. With patent pending TurboTranscribe™ feature, do a "word check" to locate possible errors in the Transcribed Text. Go directly to those words, listen to the audio, and make needed corrections. “Turbo” process dictated files.

The Secondary Transcribed Text may also include text manually transcribed previously. These text files may be used with U.S. patented Verbatimax™ technology (other patents pending) to rapidly generate verbatim text for training. The verbatim text and associated audio may be used to further train speech recognition files with SpeechServers™ .

Word mapping that associates transcribed text with verbatim text may be used to create files for speech recognition training. The training files can be processed by SpeechServers™ to improve recognition accuracy of the Dragon and IBM engines.

Four versions of SpeechMax™ are available: Basic, Preferred, Advanced, and Trainer. Basic, Preferred, and Advanced are designed for basic word processing using speech recognition transcribed text and creation of verbatim files for speech recognition training. These versions provide text formatting capabilities and spell check. Basic works in single engine mode only (opens session file from single speech recognition engine). Preferred , Advanced, and Trainer support single and dual engine mode (open session file from two speech recognition engines). Advanced includes all features, including a word mapping utility that associates transcribed text to the verbatim text for automated training of speech recognition files. Trainer includes mapping mode and is designed for specialized “speech trainers” whose work consists of file preparation for automated training. All versions except Trainer can operate with or without Command!™. Trainer runs with Command!™ only.

The table summarizes the differences between the four versions:

SpeechMax™	Basic	Preferred	Advanced	Trainer
Transcribed Text	X	X	X	x
Final Text	X	X	X	X
Verbatim Text	X	X	X	x
Secondary Transcribed Text		X	X	x
Single Engine Mode	X	X	X	x
Dual Engine Mode (incl. TurboTranscribe™ and Verbatimax™)		X	X	x
Formatting	X	X	x	
Word Mapping			X	x
Requires Command!™				x
Process Dragon session (.dra) files	X	X	X	x

Revised 02/04/02. Price, availability, specifications, and terms are subject to change without notice. Custom Speech USA, Inc. trademarks are indicated. Other marks are the property of their respective owners.

We teach computers how to listen®
 Custom Speech USA, Inc.
 3 North Court Street, Suite B365
 Crown Point, IN 46307
 Tel: 219-662-3800 Fax: 219-662-3877
 Web: www.customspeechusa.com Email: info@customspeechusa.com