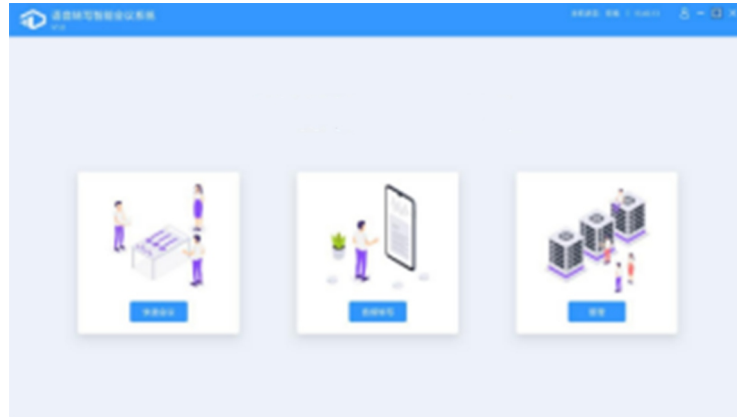




Speech-to-text Transcription Conference APP

TS-8671R V5.62



Description:

It provides a visual interface for human-computer interaction. The core functions include: real-time voice transcribing, audio import transcribing, hardware automatic role separation, meeting minutes, meeting recording, meeting projection, personnel management and other functions. The system supports automatic segmentation, keyword optimization, taboo word shielding, and modal particle filtering to improve the transcription effect and optimize text. And it supports meeting minutes transcription function for the efficiency of meeting records.

Feature:

- * Real-time transcription: The system obtains the audio stream from the microphone, and connects to the audio encoder to realize the analog-to-digital conversion of the audio signal. The digital audio signal is transmitted to the server, and the voice is deployed on the server. The service is received and forwarded to the speech recognition engine for transcription, and the text result is sent to the APP in real time for editing and display.
- * Audio import and transcription: It can organize historical audio. The system supports importing audio data files into the system for rapid transcribing; transcribing results and audio can realize phonetic correspondence, and it supports editing and arranging export of transcribed results. The system can upload 50 audios at a time, the total size does not exceed 5GB, and the single data duration is less than 18 hours; the current system supports multiple audio formats, such as: mp3\wav\wma\mp4\avi\pcm.
- * Automatic role separation: When the existing microphone equipment in the conference room can provide multiple signal output, the hardware role separation can be achieved by combining the digital conference controller and audio encoder (the maximum support is 4000 roles). The corresponding role name will be automatically displayed before the APP transcribes the content in real time.
- * Record meeting minutes: Support the function of transcribing the text of the minutes of the meeting to assist the recorder and improve the efficiency of meeting records. After the meeting, you can download the minutes and archive the meeting minutes.
- * Conference recording: It can record the on-site audio of the meeting for the convenience of the recorder to listen to the recording. You can listen to the recordings against the transcribed text, which is convenient for tracing the source and improves the efficiency of writing meeting minutes.
- * Modal particle filtering: Before the real-time speech transcription starts, the "modal particle filtering" function is enabled according to the setting. If enabled, the modal particle and redundant words can be removed to ensure the regularity of the manuscript.
- * Hot word optimization: Personalized names, place names, building names, professional vocabulary and other proper nouns can be set and added to the hot word list to effectively improve the recognition accuracy of the hot words.
- * Taboo word blocking: You can add sensitive words that are not suitable for display to the taboo word list. When such a word is recognized, the system provides three display modes: no display, * sign and space for selection.
- * Automatic segmentation: The system provides an automatic segmentation method based on VAD + fixed number of words. You can demonstrate a typesetting method that is more suitable for ordinary manuscripts.
- * Key Marks: Highlight the key marks for some questionable content to facilitate the arrangement of the manuscript after the meeting.
- * Audio and text synchronization: The player, timeline and text area are positioned synchronously with each other. It is easier to find the text corresponding to the recording time and modify it.
- * Subtitle projection setting: It can display real-time voice transcription results through the display board. The display board font can be enlarged and reduced.
- * Subtitle display settings: The LED video wall supports floating window subtitles to display the voice transcribed text content, and a variety of font sizes and color styles can be customized.
- * Conference projection: custom conference projection function. It can be projected on an independent LED video wall. You can customize the background image, background color, resolution, text.
- * Quick meeting: Eliminate a series of complicated meeting configurations and start the meeting directly. Greatly improve the efficiency of meetings.
- * Reset conference: Support one-key resetting of the conference, keep all the settings in the conference, and only clear the data generated during the conference. It is convenient for conference staff to debug equipment and test performance before the meeting.
- * Copy conference: Support copy conference function, copy participants, conference role settings, projection configuration to greatly improve the efficiency of the meeting.
- * Personnel management: Set the participants as the default personnel. There is no need to add repeatedly for each meeting. Support to import and export personnel in batch.
- * Organizational structure: three-level organizational structure function, custom units, departments, and positions. Participants can be selected according to the organization structure.