PROVIDING REAL-TIME TRANSLATION DURING VIRTUAL CONFERENCES

ABSTRACT

An example method includes executing a plurality of transcription and translation processes, each executed transcription and translation process associated with one of a plurality of input languages, each translation process associated with one of a plurality of output languages; hosting a plurality of virtual conferences, each virtual conference between a plurality of client devices exchanging audio streams; receiving, during one or more of the virtual conferences, requests from client devices to translate audio streams within the respective conferences; allocating, during the respective conferences and in response to the respective requests to translate, one or more transcription processes and one or more translation processes to the respective virtual conferences based on a source language being used in the respective virtual conference; providing, during the respective virtual conferences, one or more audio streams from the respective virtual conferences to the respective allocated transcription process; providing, during the respective virtual conferences, an output from the respective transcription process to the respective allocated translation process; and providing, during the respective virtual conferences, an output from the respective translation processes to the respective requesting client device.

FIG. 6