AITIA International Informatics Inc.





Personal Dictation Systems

Speech recognition is not a one-size-fits-all technology. We are integrating subject-specific jargons, personal or corporate text corpora which highly increase the usability and usefulness of our dictation systems.

Beyond plain text, you can dictate abbreviations in upper or lower case, command words, punctuation, quotations, brackets, dates, units of measure, ordinal numbers, fractions, roman numbers or even URLs.

Dictation

Dictation is more than dictating the target text. Whether dictating medical reports, legal regulations, automotive repair manuals, tender applications, technical marketing brochures, IT manuals or oil rig user manuals, you meet incredible formatting and typing challenges.



Data mining from call center speech

The voice recognizer engine integrated with leading data mining technologies provides speech mining services. The behavior and speech of customer service agents largely influence customer satisfaction, therefore it is extremely important to monitor and evaluate 100% of the calls.

The system's main aim is to make the call center performance transparent and make the evaluation of the agents automatically.

Some examples of the analytics:

- Scheduling and planing agent training sessions
- Detecting successful and unsuccessful conversations
- Protocol conformance monitoring
- · Emotion and attitude measurement
- Telesales support



Legal dictation

- Hungarian Courts
- European Court of Auditors
- European Commission

Translation Support

• SHC International Translation Agency

Subtitling

National Television Channels of Hungary

Speech analytics • OTP Bank

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Company presentation

Other projects

Telecommunications Network Monitoring Indoor Positioning Systems Deep Learning Based Solutions Research & Development

Technology

Speech recognition solutions are based on advanced machine learning algorithms like Deep Neural Networks. Extra large vocabularies and agglutinative languages handled using Weighted Finite State Transducers. Language toolkits are available for training new subjects or languages.

The speech engine

- is CPU and memory efficient,
- can run locally, on a server or in the cloud,
- both Windows and Linux version platform available,
- has an integration interface.