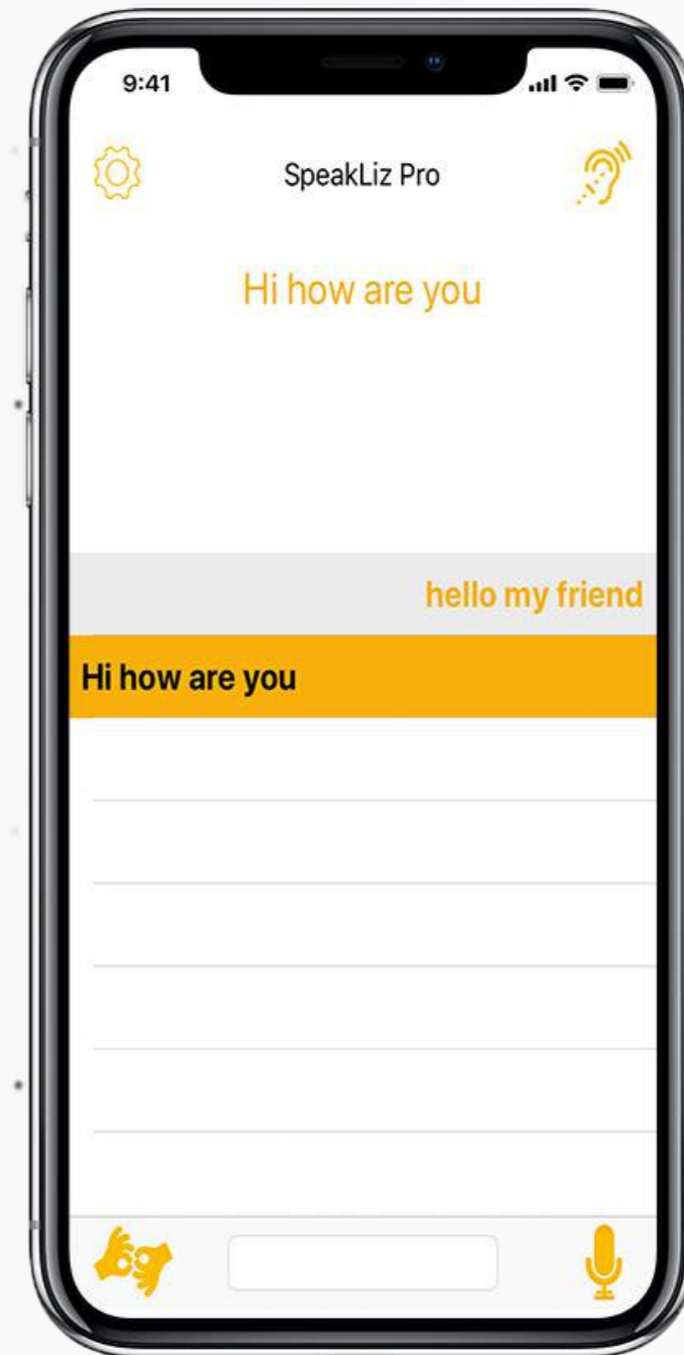




TALOV

**BREAKING BARRIERS.
COMMUNICATING THE WORLD.**

WE DESIGN,
DEVELOP,
AND CREATE



ABOUT US

The Talov studio was founded in 2013 and is owned by the company, ATBS S.A. Since its creation, Talov has been committed to the cause of making technology more accessible to the differently abled. The brand's laser focus on perfection makes it possible for them to think of the smallest of details in the design and implementation of groundbreaking technology. They do not believe in quantity, but quality. This is evident in the remarkable product that the company has released into the market – SpeakLiz. Named SpeakLiz, it is a proprietary system created by Talov. After years of relentless R&D efforts, Speakliz was completed in 2016 and was launched as recently as 2017.

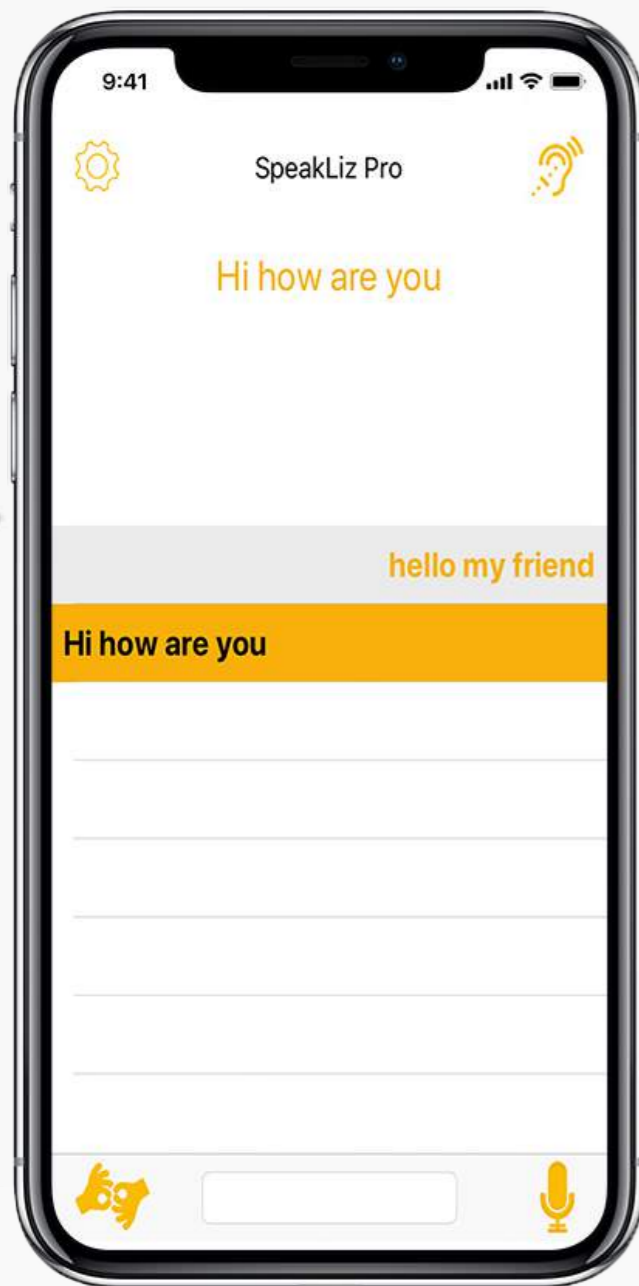
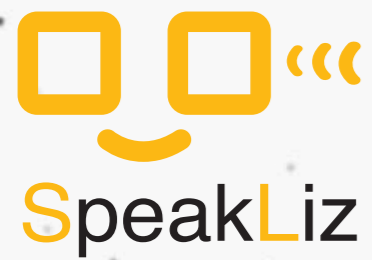


MISSION

To become a pioneer and to lead the field of inclusive technology by developing highly sophisticated and functional products and services.

VISION

Create all-inclusive technologies that serve the entire humanity and break down the barriers in order to integrate the differently abled into a better world.



ABOUT SPEAKLIZ

OUR PROPRIETARY PRODUCT

There are 470 million deaf people in the world right now. SpeakLiz has been designed as a complete communication solution for the deaf community, world-wide. Think of it as the next step in the evolution of Sign Language. While the sign language allows the deaf to communicate with only those who understand it, SpeakLiz allows them to communicate more efficiently and fluidly with just about everyone.

ORIGIN STORY

SpeakLiz is a distilled version of the years of research, unwavering dedication, and a desire to bring a new inclusive technology to this world. It all started out with the intent to offer a deaf individual the best personal assistant ever. SpeakLiz takes advantage of cutting edge technologies in the world today like Artificial Intelligence (AI). Through AI, the communication system does not only "listen & talk", but also perceives the context of the conversation. AI understands and evolves, and so does SpeakLiz.

MISSION

To invent communication tools that break down barriers for the deaf community and lead to a more inclusive world.

VISION

Become an industry leader known for offering communication technology for the deaf that helps them achieve a superior quality of life.

THE FEATURES

SpeakLiz has created a niche for itself by offering four critical features for their users. All the four features of the app are compatible with Bluetooth for remote audio and playback. Talov is working on more features which will be included in the app with updates.

LISTENING

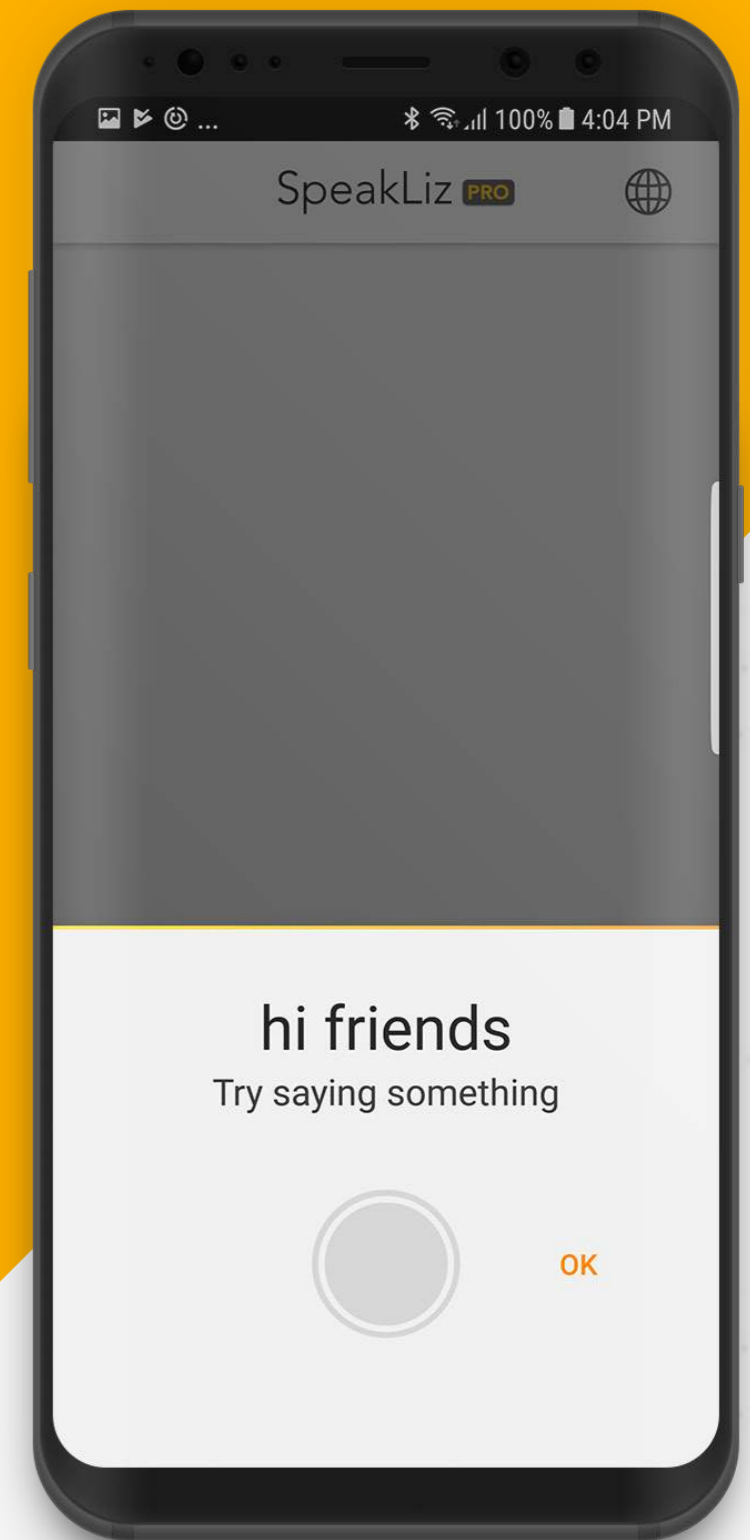
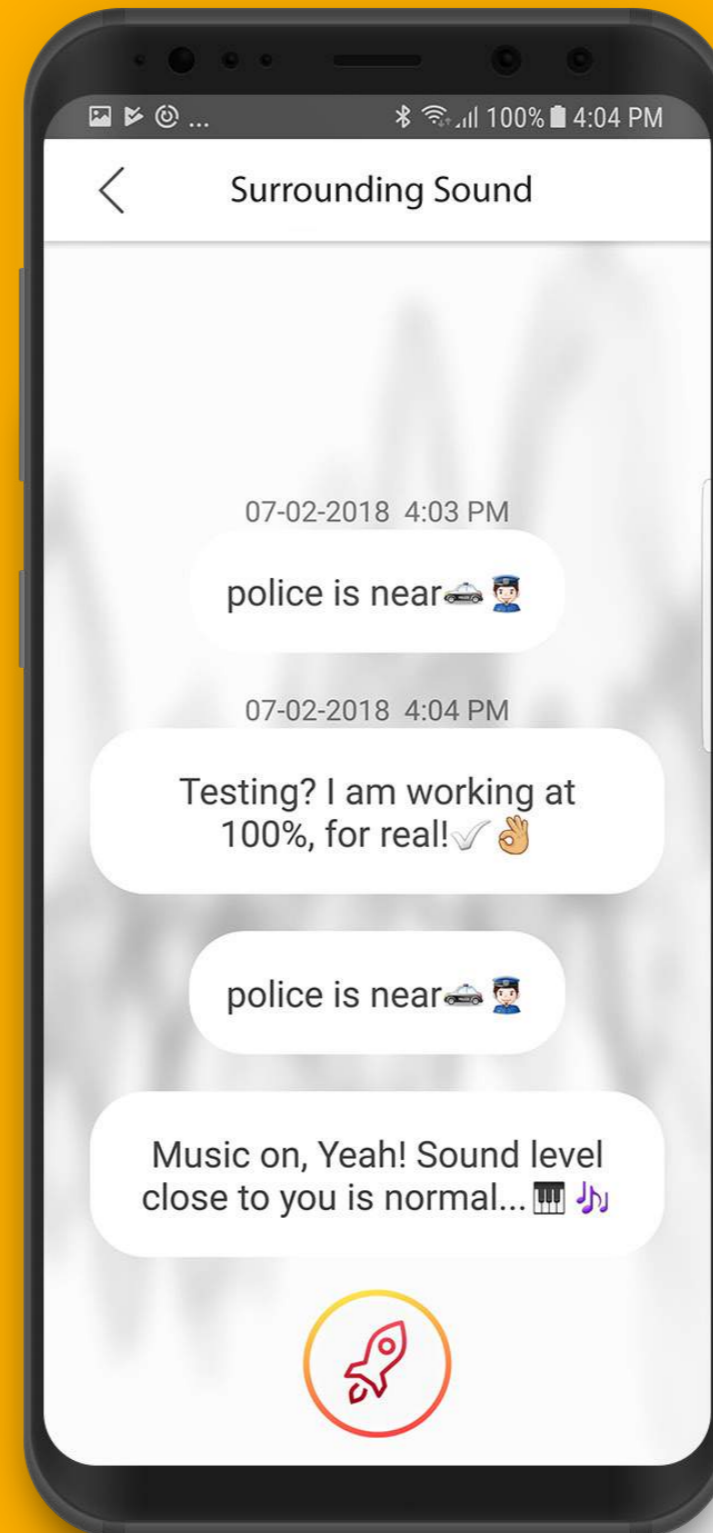
This feature allows deaf individuals to "read" what other people are saying. SpeakLiz understands 20 languages in human voice. When a person speaks to a SpeakLiz user, their voice is converted into the text format in real time. The user can read what is being said and respond accordingly. The deaf user can now perform daily activities without any impairment.

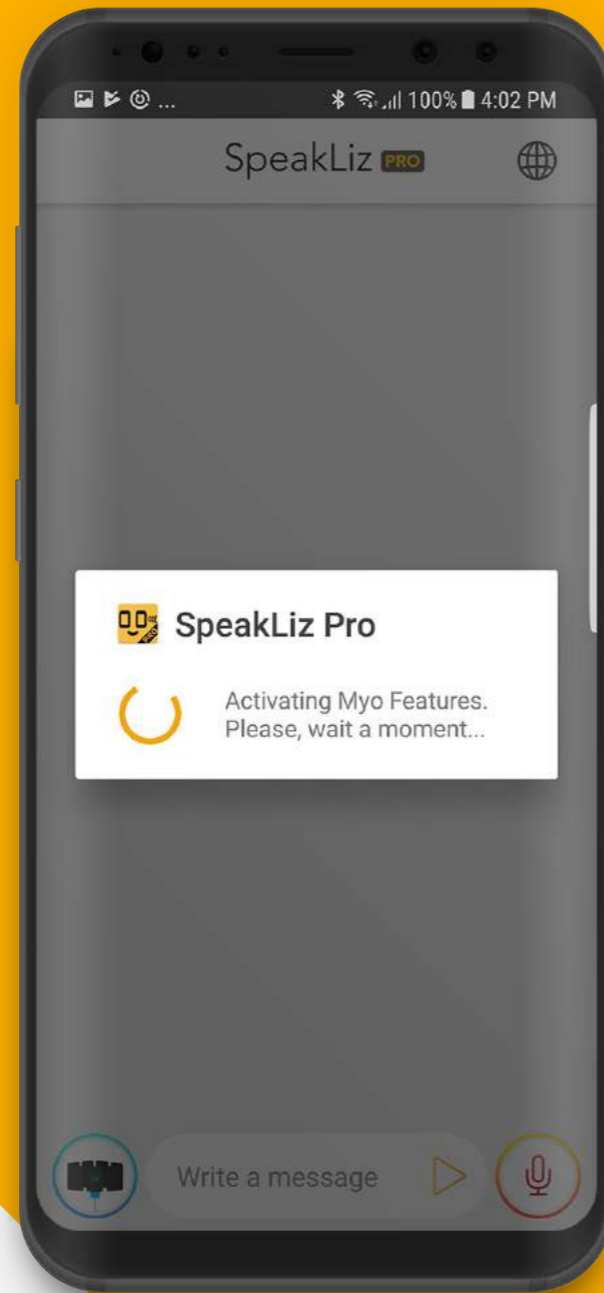
BONUS FEATURE: Users can copy the text that they see in SpeakLiz to another software. This helps the user in taking the teacher's notes in a class. The team is also working on a new feature that converts voice to sign language in real time, which will be coming soon.

SURROUNDING SOUND

As the name suggests, this feature keeps the users aware of their surroundings. It detects acoustic parameters to determine specific sounds in the immediate environment. These include the emergency vehicles, alarms, male voice, female voice, and the kids' voices. Once such sounds are detected the users are alerted by vibration and visual signals. This feature can save lives.

BONUS FEATURE: The function uses spectral data obtained from the waveform and a learning function. It makes it possible for SpeakLiz to identify new spectrums and offer more accurate detection in future interactions.





RECOGNITION

This feature allows SpeakLiz to transform the good old sign language into a contemporary form of communication. The sign language gets converted into voice or text using smart devices.

MYOELECTRIC BRACLET

SpeakLiz is compatible with commercial third-party accessories like myoelectric bracelets. It uses muscle electrical signals, gyro sensor and accel-sensor data to understand the signs.

BONUS FEATURE: Talov is building its own bracelet which will come loaded with many more features.

SPEAKING

This is the opposite process to listening. Using this feature, a deaf user can type their thoughts. The text can then be converted into speech with the press of a button. The language for the speech can be chosen from the 20 language options offered by the software.

BONUS FEATURE: Users can employ emoticons to help them better express all the emotions involved.



AVAILABILITY

Users from over 65 countries have downloaded the app. Currently, two versions of the app are available. SpeakLiz is the free version and comes only with the Listening Feature.



FINAL THOUGHTS

SpeakLiz is a revolutionary product which is going to cause a paradigm shift in how the society views the differently abled. Talov has a target to reach at least 141 million deaf people out of the 470 million in the world. Given that SpeakLiz is a powerful, versatile, and a highly intuitive tool, this is a rather conservative estimate. Talov is working tirelessly to create a more inclusive society by working towards the improvement of the technology and products available to the differently abled. SpeakLiz is one step in that direction.