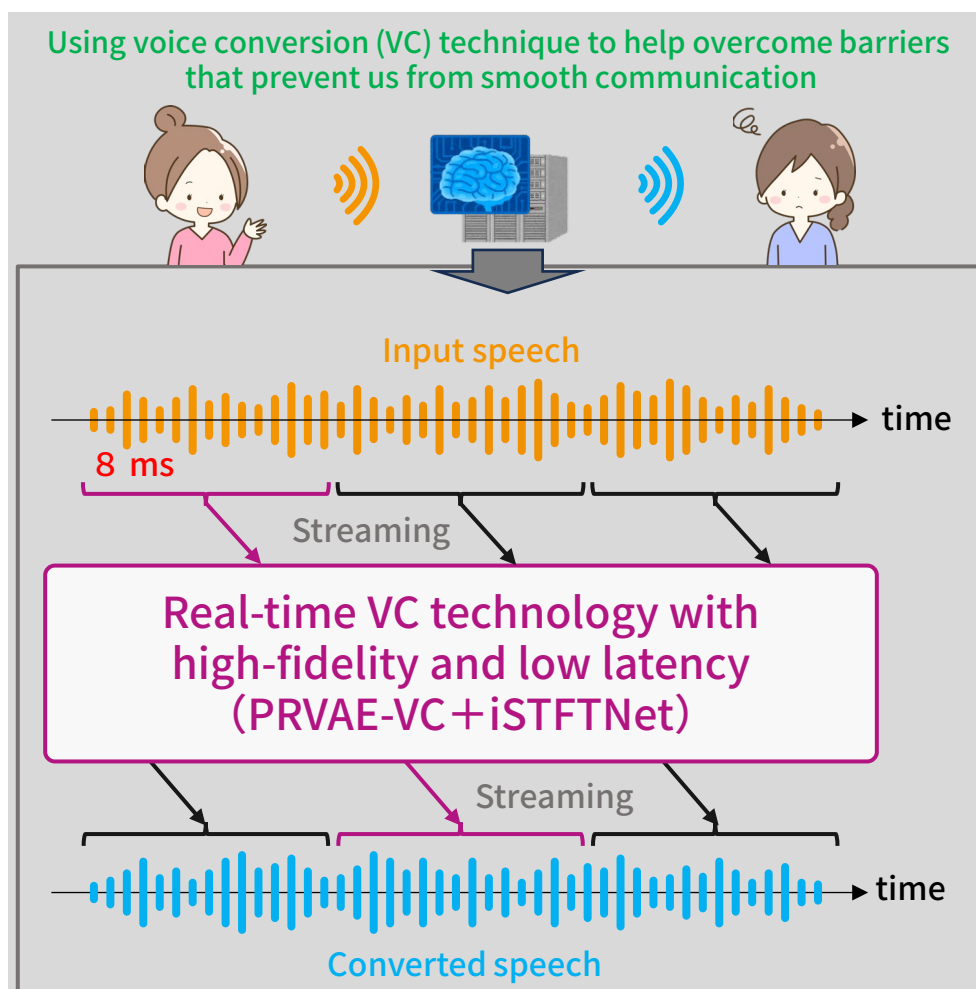


## Real-time voice conversion changing your voice and speaking style

Rich speech communication where you can speak  
and hear in the voice you want to speak and hear

#Customer Experience Value Creation # Productivity Improvement  
#Well-being, Human Capital Management



### ///Technical Issue

The challenge was to obtain useful, speaker-independent, and generalized speech representation for speech conversion from only speech data.

#### ---Technology

- Our deep generative model can obtain useful speech expressions for speech conversion by considering the differences between speaker identity.
- Improvement of the waveform synthesizer to achieve higher speed and lower power consumption.

#### ---Applicable Business

Making it possible to convert one speaker's voice into another speaker's voice for live streaming, or to convert the other party's voice into an easily audible voice for web conferencing or call centers [Customer Experience Value Creation]

### ///Research Goal

There are various forms of limitations in communication due to physical, ability, and psychological conditions. Our goal is to remove these restrictions and make comfortable communication.

#### ---Novelty

- High sound quality by technology that takes speaker variation into account
- Low latency speech conversion with a logic delay of 35 ms