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# **Deafblindness and Accessible Communication Today**



**Deafblindness definition** → a unique, combined vision and hearing disability. It limits activities of a person and restricts full participation in society to such a degree, that society is required to facilitate specific services, environmental alterations and/or technology

- a specific disability
- a diverse group

## 1. With residual hearing:

- Speech technology
- Screen reader
- Amplification

## 2. With residual sight

- Enlarging software
- Good contrast
- Importance of good lighting

### 3. Without hearing and sight

- Touch and braille
- I-phone via Bluetooth connection with brailledisplay
- OCR software
- Braille printers
- Speech to text interpretation
- Morse ?

## Important!

- Design for all
- Education of designers of websites
- Easy to read manuals
- Cooperation with developers of screen readers

## **Expectations:**

- **Improvement of the speech to text apps**
- **Apps describing the environment and photos**
- **Robot guide dog**
- **Self riding cars**





**Thank you!**