

Better service for visitors and disabled people with smart elevator

Soon you won't have to push any buttons in the **elevator**. The smart lift **learns biometric and usage data about** each passenger and, after a few rides, can take the person to the right floor. **New experiences like** lower waiting times and greater comfort for the visually impaired and the disabled.

- Destination floor prediction based on the facial recognition and person tracking algorithms.
- Elevator control via voice activated commands in two languages
- Guide visitor to the right floor based on said person name.
- Automatic approaching visitor detection
- Biometric data based access system

SPECIFICATION

- RGB and depth cameras
- Microphone and speaker
- Local processing unit

OBJECTIVES:

- Better service for disabled and visually impaired people
- Shorter elevator waiting times
- Visitor guidance
- Floor access system

ALGORITHMS

- Person tracking
- Floor predictor
- Speech assistant
- Facial recognition

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Depth cameras

Microphone

RGB Camera



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