

# Next Generation Transport

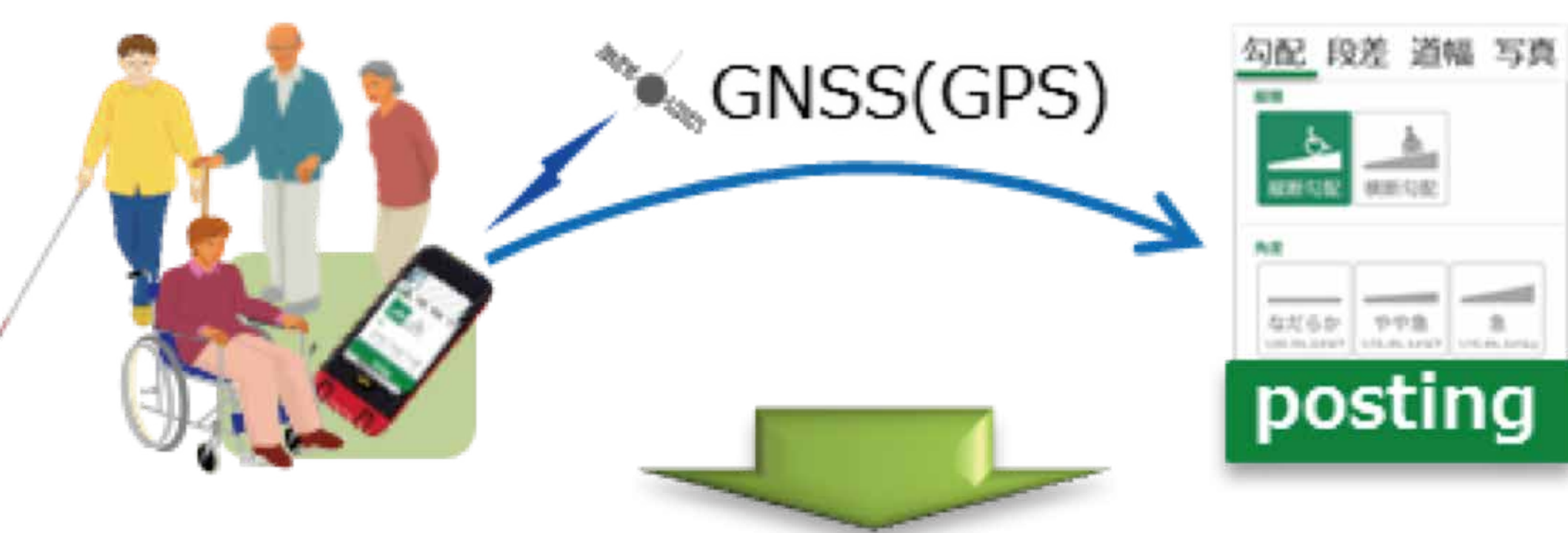
## Accessibility support Services



### Pedestrian Transfer Support System

Realization of route guide adjusted to individual characteristics which enable each person to move safely, securely and comfortably

- ▶ Collection of barrier/barrier-free data and moving route data by data collection APP



- ▶ Making walking network for
  - the visually impaired
  - wheelchair user
  - the elderly etc.



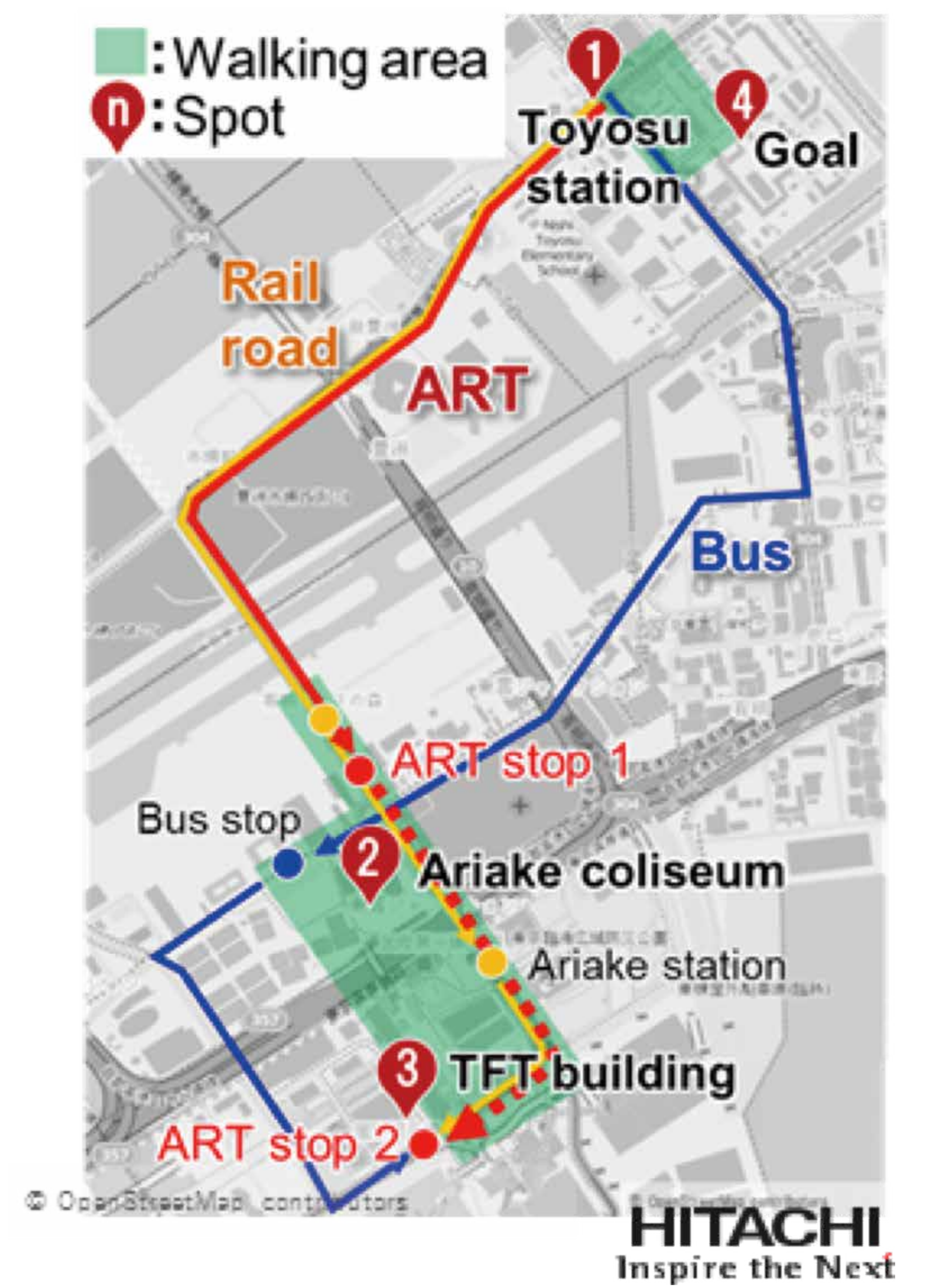
- ▶ Route guide adjusted to individual characteristics

✓ Prototyping personal navigation APP



Barrier/barrier-free data noticed by screen display and sound

- ✓ Evaluating serviceability
  - route guide
  - providing public transportation information



### Development of movement support system for people with mobility constraints(National Police Agency)

#### Object

Developing sophisticated Pedestrian Information and Communication Systems (PICS) which allow people with mobility constraints to cross the road safely and smoothly.

#### Upgrading of system

##### 【Current system】

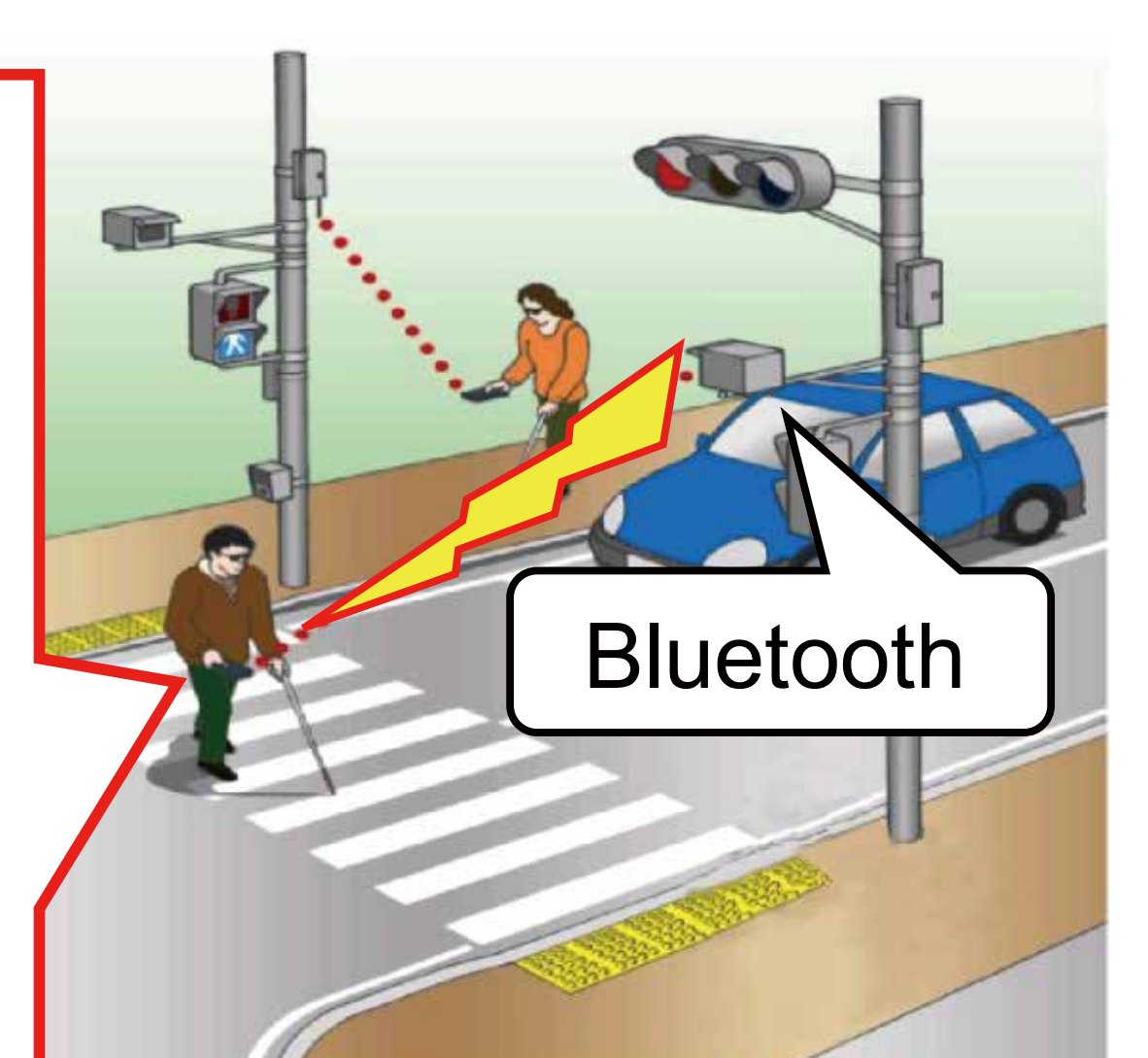
Special device



“Signal is green.”

##### 【Using a general-purpose mobile terminal】

- ✓ Voice guidance and vibration
- ✓ Screen display of intersection information
- ✓ Signal control based on the pedestrian's progress in crossing the street



#### Future plan

We will improve **location accuracy** by using GNSS with other options like map matching etc.