

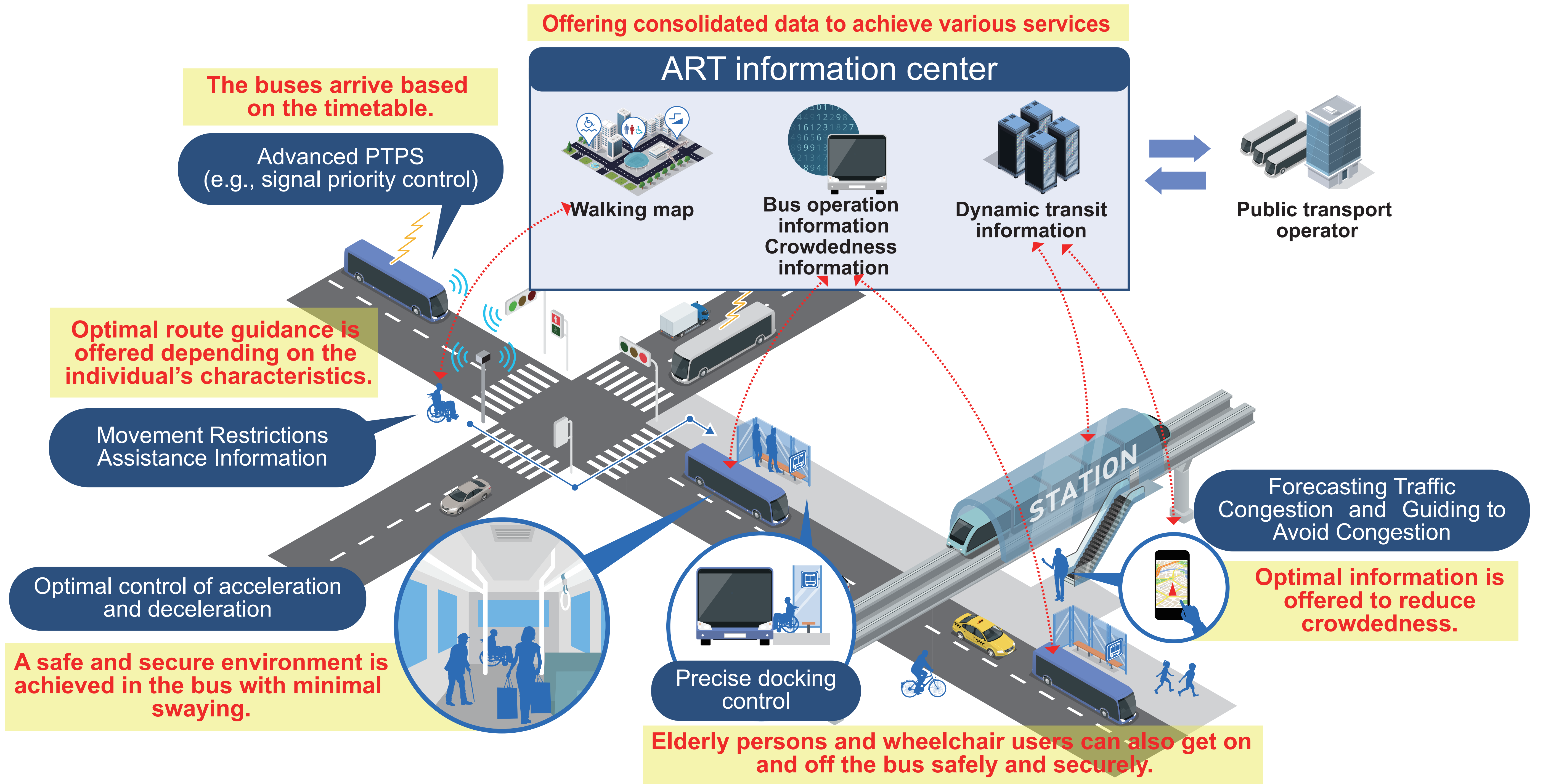
# Next Generation Transport

## ART(Advanced Rapid Transit) Overview

### Precise Docking Control



**Realize consistent accessibility for all people including elderly and handicapped person**



## Development of precise docking control technology

### Integrated sensing and control system for future advanced docking system

>Sensor fusion technology : Vehicle position, surroundings (pedestrian, bicycle and other vehicle etc.)

>Control technology : Integrated control of steering and braking

① Smooth embarkment at station



② Robust control in various environments



③ Smooth braking and steering control



④ Cooperative docking control with driver



### Route map for field operational test

