

# Smart Wheelchair

Support traveling for people in large indoor facilities.

Smart robotic wheelchair WHILL NEXT provides safety traveling and reducing the staff's workload for carrying back wheelchairs.



# Smart Wheelchair

## Technical Advantage

### Panasonic Product



Autonomous  
delivery robot(HOSPI)

### Market Experience • Advantage

- Reliable autonomous mobile technology
- Utilized for delivering medicine in hospital



- high-directional beacon

### Directional Beacon



System Integration

A whole solution system for customers to travel in large buildings.

- users' indoor navigation with smartphone
- Allocation of wheelchairs



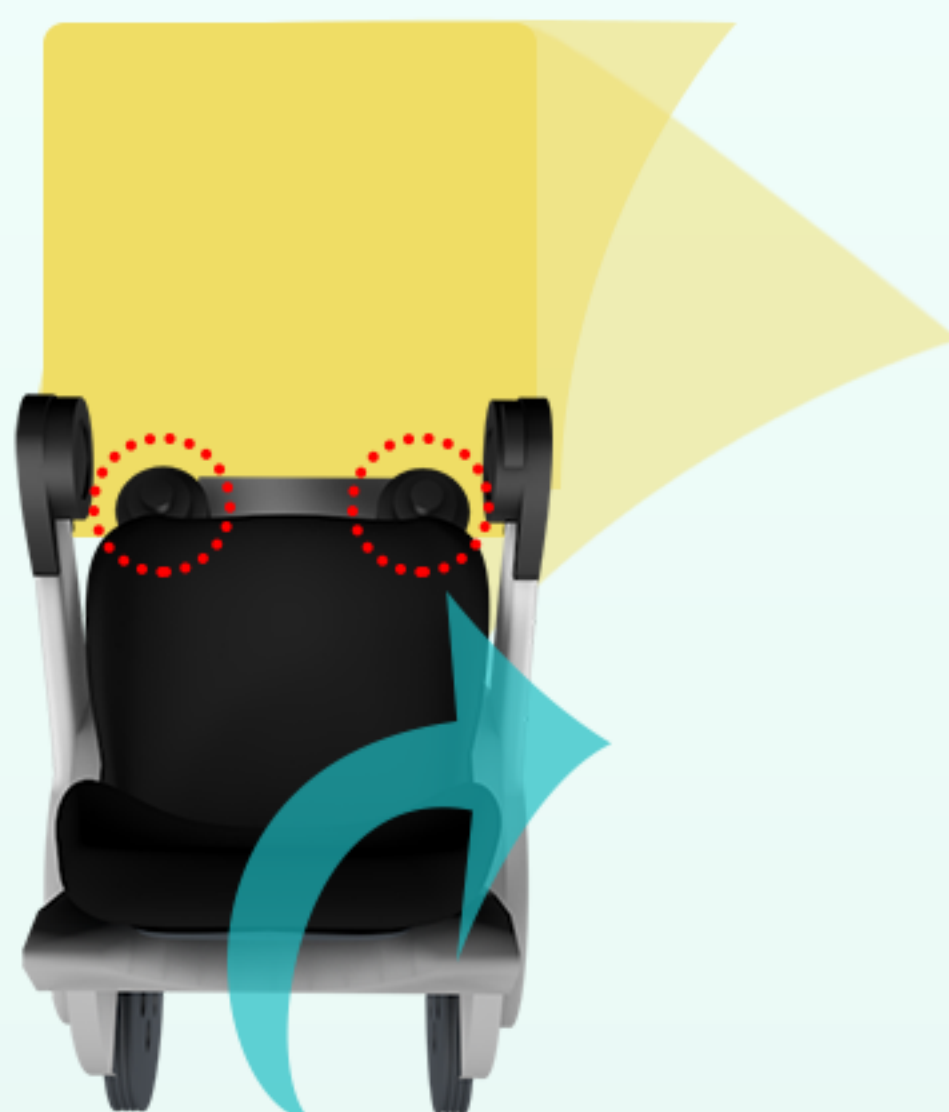


# Smart Wheelchair

## Application

### Control support for Collision avoidance function

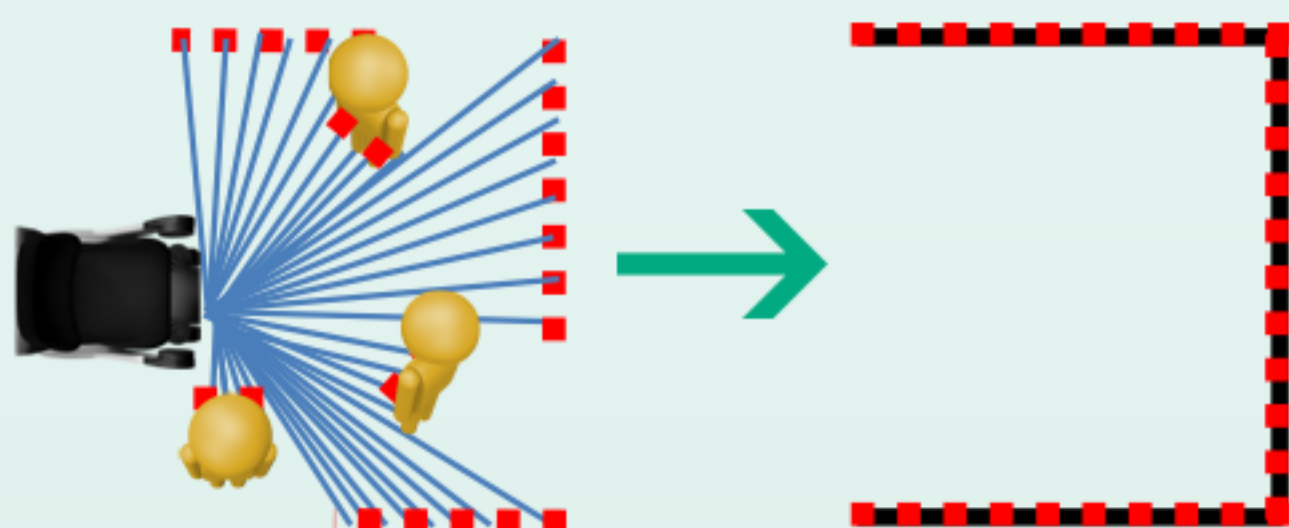
Detection area's shape depends on joystick position.



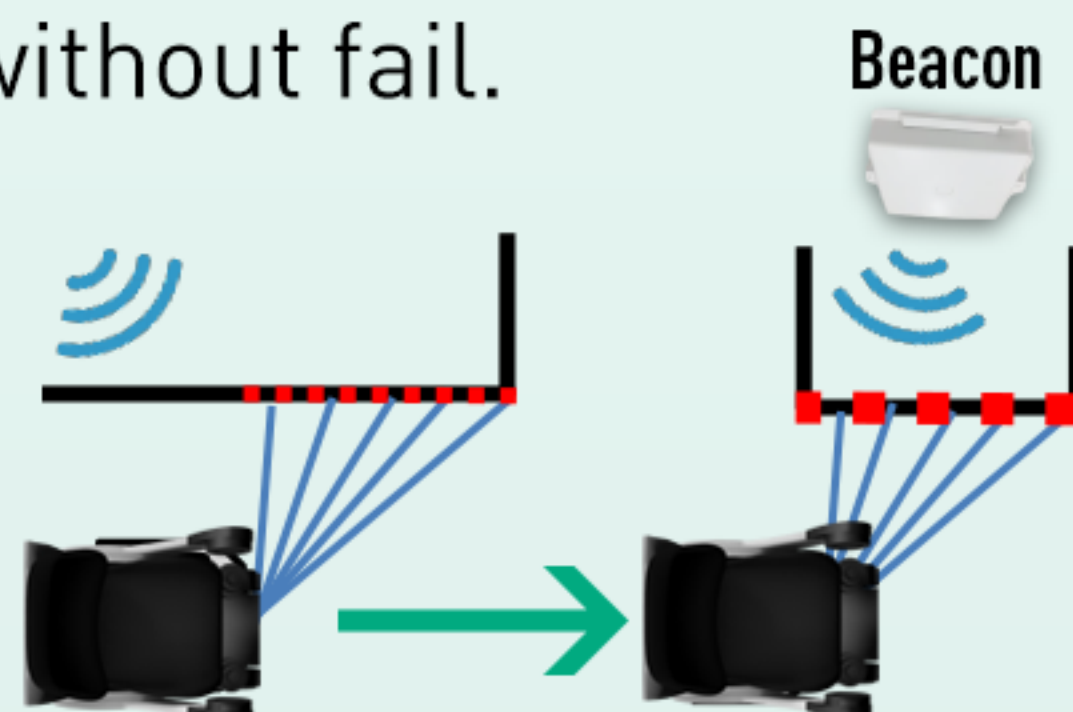
Collision avoidance function provides safety travelling without feeling uncomfortable.

### Automatic carrying back system by autonomous mobile technology

Localization at crowded spaces by detecting static and characteristic shapes in an environment.



Using beacon signal, WHILL NEXT is able to reach a destination without fail.



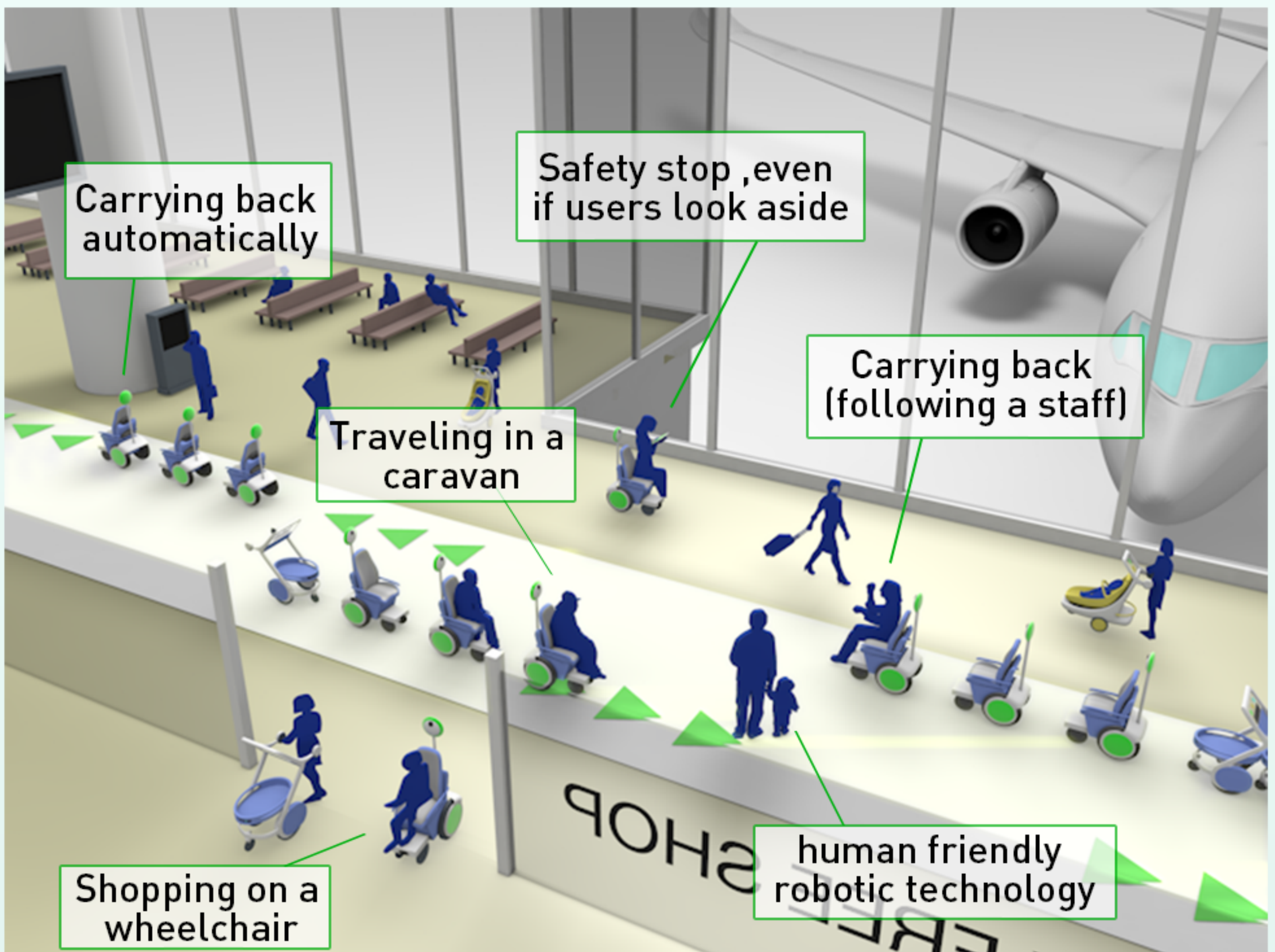
Panasonic's robotic technologies make a smart and safety personal mobility in large indoor facilities.



# Smart Wheelchair

## Application

Panasonic's personal mobility solution provides whole wheelchair services from rental to carrying back in large indoor facilities.



Above solution can be applied to other indoor mobilities. For example, shopping carts and pushchairs for babies.