

**INNO**DESIGN

# Projet : ORRO BUS EXCHANGE SYSTEM

## Organisation

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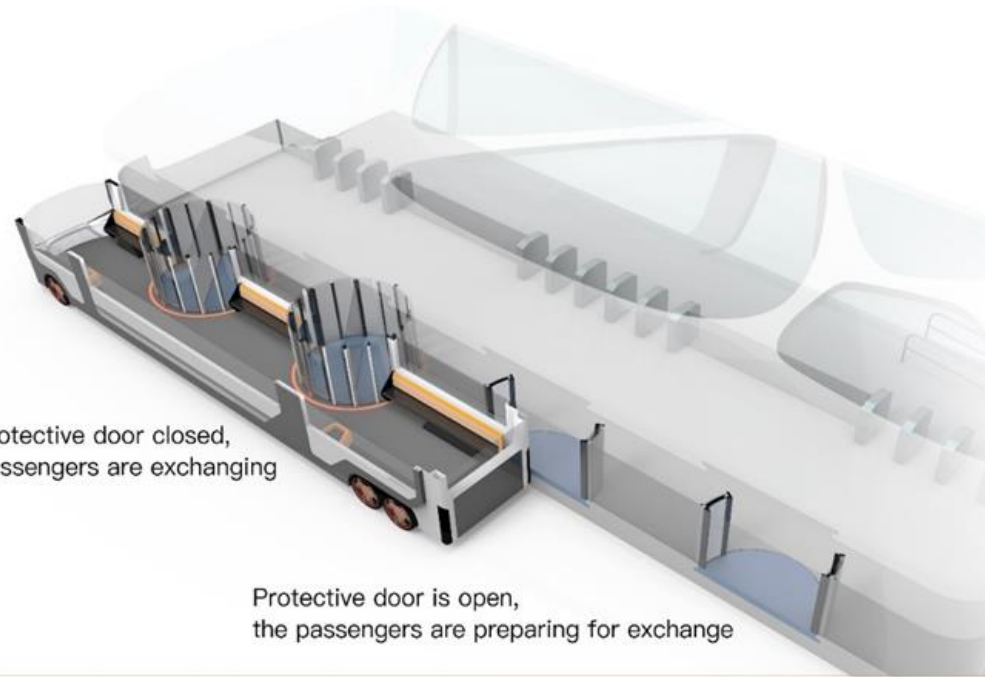


## Bus exchange system

There are lots of bus gathering around the bus station in rush hour. Congested bus with too many people makes traffic around the bus station. In the orro bus quick taking system. Bus and Station have the same semicircle structure respectively. After the vehicles park to the specified location, vehicle and the station of semicircle space together to form a cylinder and rotate 180°. Passengers of inside or outside can complete the taking process. The taking time will be reduced to about 15s. Then it can improve the efficiency of public transport system to ease urban congestion.







Protective door closed,  
passengers are exchanging

Protective door is open,  
the passengers are preparing for exchange

To make orro bus exchange system more efficient, part of the station took the way of selling tickets outside the car. At the same time each station can be fitted with two pairs of waiting area or more. The platform in orro system is in the same plan on ground of the vehicle. There are no barriers to the station and the outside. To reach the truly unobstructions.



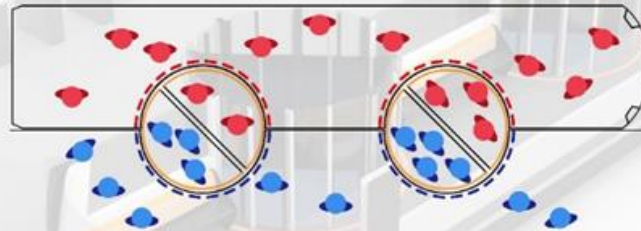
### Step 1

Before the vehicles pulling in, passengers inside or outside will enter the waiting area waiting for the bus respectively.



### Step 2

When the bus stop. Passengers can exchange with the space vehicles.



### Step 3

When the bus leave and the exchange taking process finished. Passengers of inside and outside ,thy can prepare for next exchange.

