



PRT SYSTEMS

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PRT SYSTEMS

What it is?

- Personal
 - Rapid
 - Transit
- is a public transport mode featuring small automated vehicles operating on a network of specially built guideways.

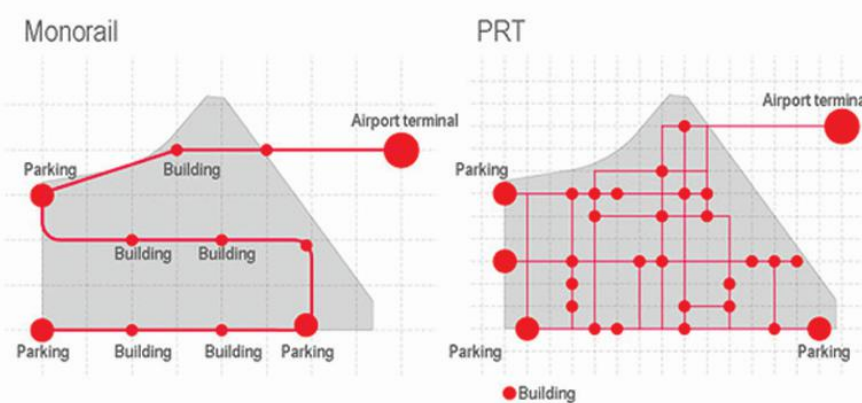


System features

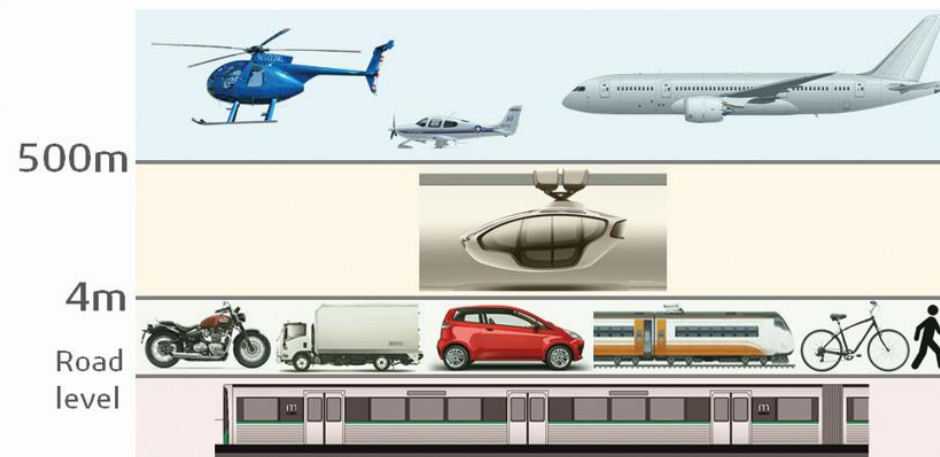
- No empty rides
- Travel without stopping
- Bypass traffic jams



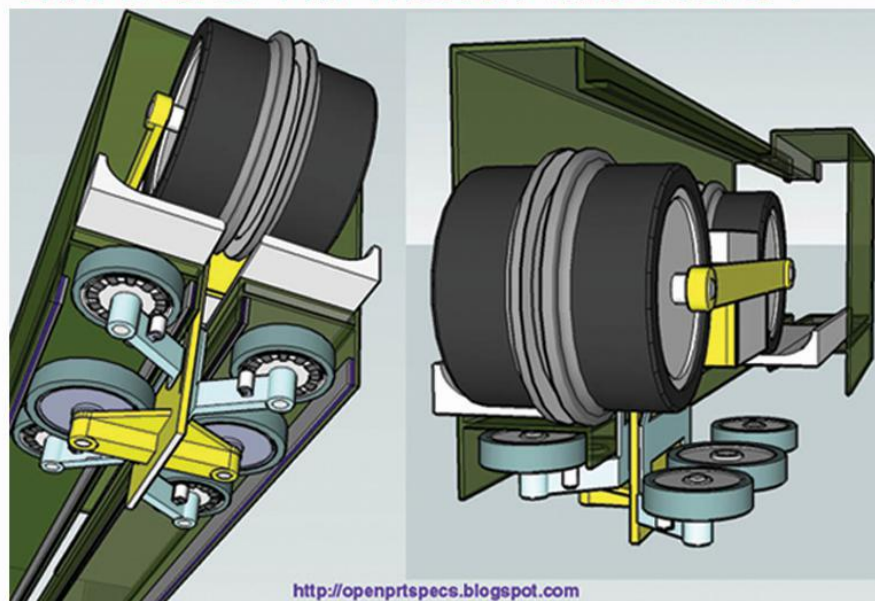
- New transportation layer – increase bandwidth of a whole transportation network
- Minimalized collision risk



- Personalized shortest travel route
- Eco-friendly



EXAMPLE OF PRT TROLLEY-RAIL SYSTEM



FEW INTERESTING FACTS ABOUT EXISTING PRT SYSTEMS

MORGANTOWN PRT SYSTEM in USA working since 1975 transports up to **31,280 passengers per day**. There are **NO ACCIDENT FOR THE FIRST 42 YEARS OF OPERATION** (first reported accident in November 2016)! in 2003, about 60% of exploitation costs were covered by the 50-cent fares.

ULTRA PRT AT HEATHROW AIRPORT in ENGLAND Total cost (vehicles, infrastructure, and control systems) is between £3 million and £5 million per kilometre of guideway. By contrast, the Heathrow deployment cost £8 million per km of guideway.

The capacity of **VECTUS PRT SYSTEM** in SOUTH KOREA is comparable to many other light public transportation modes due to the **three second headway possible**