



## How will PRT impact your airport? **10 Opportunities**

**We quickly found that  
conventional, large automated  
people movers could not  
meet our needs.**

David Holdcroft, BAA's PRT Manager

### *Imagine a transportation system that:*

- Reduces walking and the need for handicap assistance
- Provides non-stop, seated travel
- Requires less waiting
- Reduces trip times
- Simplifies way finding
- Improves security over other forms of transportation
- Eliminates crowded vehicles or stations for terrorists to target
- Improves safety over other forms of transportation
- Has a small infrastructure
  - ▷ Minimum construction disruption
  - ▷ Short construction times
- Has low energy consumption and no point-of-use emissions
- Costs less

That system is Personal Rapid Transit (PRT) — a sustainable system of driverless taxicabs that automatically take passengers to their destinations along dedicated guideways without intermediate stops.

*Flexible, economical, safe...  
PRT is a better way  
to move people.*

*Efficient transit solutions.*



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*According to the FAA total enplanements will hit 1.1 billion in 2025, up from 757.4 million in 2008. Other statistics are equally alarming.*



### **Many airports suffer from:**

- Congested curbsides
- Troublesome shuttle buses
- Expensive automated people movers
- Problematic security screening
- Poor transit connections

*Until we change the way we move people at airports, the passenger experience is only going to get worse.*

### **Parking to terminal**

- Reduced curbside congestion
- Reduced on-site emissions
- Reduced operating costs
- Increased parking revenues

### **Remote shuttle bus station**

- Reduced curbside congestion
- All shuttle buses (potentially all buses) served
- Number of stops reduced
- Expensive curbside replaced with economical shuttle bus station
- Reduced on site emissions
- Buses kept away from terminal

### **Rental car lots to terminal**

- Shuttle buses eliminated
- Improved service

### **Terminal to concourse**

- Reduced capital costs compared to automated people movers
- Reduced operating costs

### **In-concourse**

- Long concourse facilitated

### **Terminal to gate**

- Mode changes eliminated
- Reduced need for elevators and escalators

### **Gate to gate**

- Secure transfers enabled
- Remote gate location facilitated
- Remote runway location facilitated
- Secure inter-airport transfers enabled

### **Parking to gate**

- Mode changes reduced
- Reduced need for elevators and escalators
- Just-in-time arrival at gate
- Waiting and concessions consolidated
- Remote gate location facilitated
- Remote runway location facilitated

### **Remote security screening**

- Unscreened passengers and bags eliminated from buildings
- Profiling and risk-based screening levels facilitated
- Workload leveling facilitated

### **Intermodal transfers**

- Off-site modes accommodated
- Large facility not needed

### **Find out how to get into PRT.**

Visit [prtconsulting.com](http://prtconsulting.com), or contact Peter Muller at

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