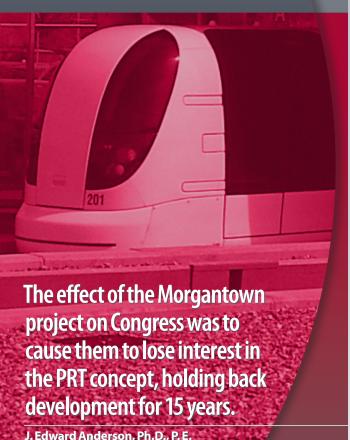




# How to get into PRT: 7 Things Owners Must Know



## *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
- Can attract up to a 30% mode share
- Is 99.7% reliable
- 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.



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PRT projects have been plagued with problems for 40 years.

### Historical PRT projects have suffered from:

- Poorly managed public participation
- Misunderstood core concepts
- Ballooning T-Pod size and weight
- Unrealistic expectations

Success depends on changing the way we manage PRT projects.

#### How to get into PRT: **7 Things Owners Must Know**





#### 1. Public concerns/participation

- How to build community support from the beginning
- Social acceptability

#### 2. Costs vs. Benefits

- Capital costs
- Operating costs
- Quantifiable benefits
- Intangible benefits

#### 3. Capacity

- Station capacity
- Guideway capacity
- Network capacity

#### 4. Weather impacts/mitigation

- Sun heat load on T-Pods
- Wind safe operating wind speed
- ▶ Rain mitigation and procedures
- ▶ Snow mitigation and procedures
- Ice mitigation and procedures

#### 5. Scalability

- Assurance that the initial system will scale up to the ultimate system
- Simulation modeling and (most importantly) verification

#### 6. Funding/financing

- Sources of outside funds
- Methods of financing

#### 7. Vendor capabilities

- Managerial
- Financial
- Technical
- Production
- Installation
- Operating
- Maintenance

Find out how to get into PRT.

Visit prtconsulting.com, or contact Peter Muller at

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