



2getthere



ULTra



SkyWeb Express



Austrans

Potential Personal Rapid Transit Applications/Benefits at Airports

General benefits applicable to most applications

- Reduced walking and need for handicap assistance
- Non-stop travel
- Seated travel
- Less waiting
- Reduced trip times
- Way finding simplified
- Improved security over other forms of transportation
 - No crowded vehicles or stations for terrorists to target
 - Improved redundancy where guideways are duplicated
 - Steady stream of traffic facilitates passenger processing
- Improved safety over other forms of transportation
 - No traffic crossings Lower maximum speed for higher average speed
- Small infrastructure
 - Minimum construction disruption
 - Short construction times
- Low energy consumption

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
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Terminal to concourse

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

- Long concourse facilitated
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Terminal to gate

- Mode changes eliminated
- Reduced need for elevators & escalators
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Gate to gate

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

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

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

- Off-site modes accommodated
- Large facility not needed

