



Overview of the U.S. DOT Priority ITS Initiative

Mobility Services for All Americans

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Mitretek Systems

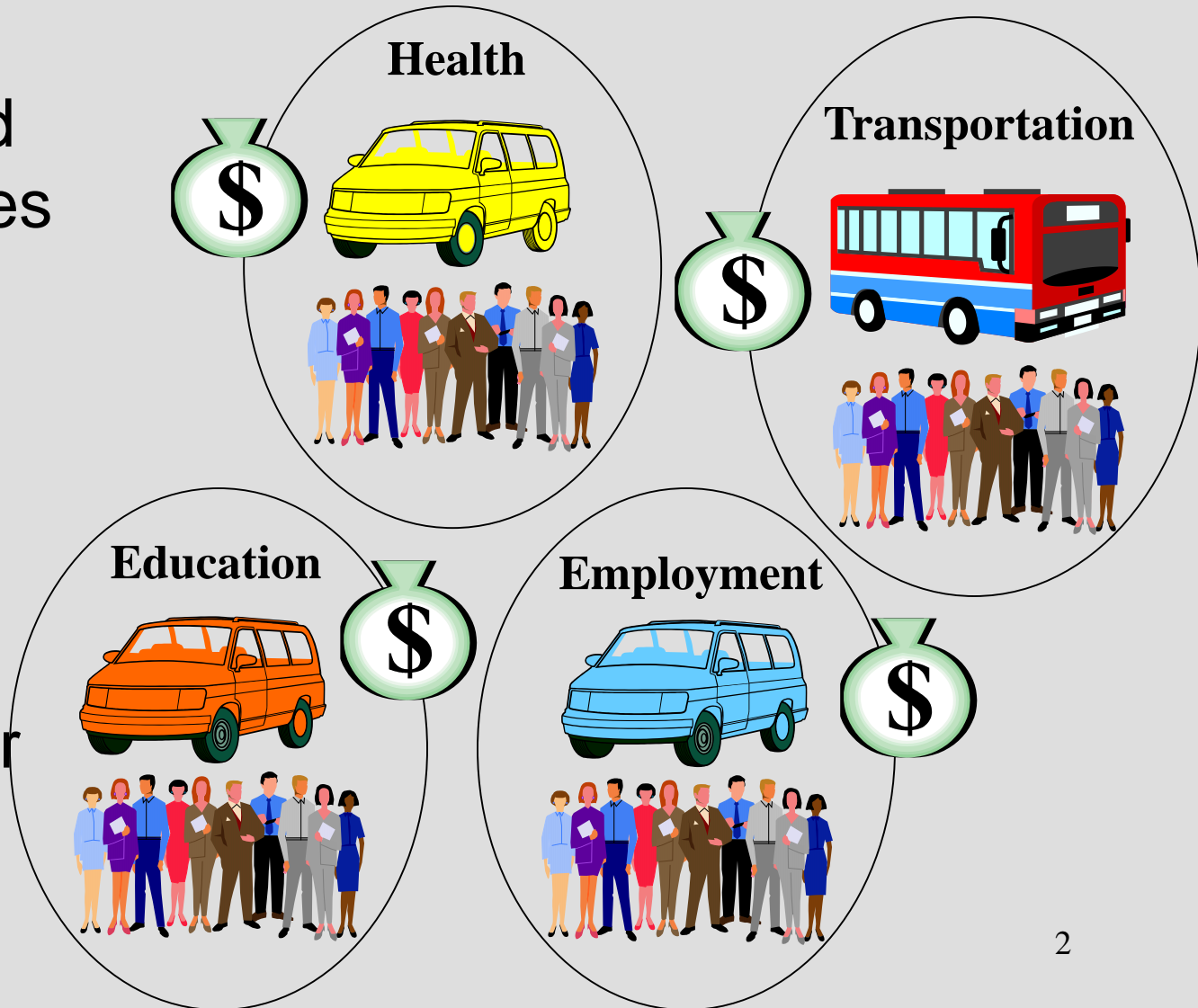
APTA Bus and Paratransit Conference
Denver, Colorado
May, 2004



Mobility Services for All Americans Background



- 62 Federal programs fund human services transportation
- \$ billions are spent on human services transportation
- FTA budget for public transportation is \$7 billion





Mobility Services for All Americans Background



- **U.S. DOT Tier I Priority ITS Initiative**
 - New ITS R&D Program Framework and Structure
 - Major multi-modal and agency effort
 - Problem and data driven
 - Means of focusing on a few high payoff efforts
- **Builds Upon & Coordinates With Other U.S. DOT activities:**
 - Joint Regional Coordination Workshops
 - Rural ITS Transit Operational Tests
 - United We Ride
 - ITS International Workshop on Technology & Mobility
 - Linking Technology with Accessibility and Mobility of Seniors and Persons With Disabilities
- **Supports Presidential Executive Order on Human Service Transportation Coordination**



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Scope:



- Investigate and evaluate integrated ITS transit technologies that:
 - Improve transportation coordination among transportation providers, including public transit agencies, for human service trips and the general public
 - Increase mobility and transportation accessibility for the transportation disadvantaged through integrated implementation of technologies

Mobility Services for All Americans Approach



- Demonstrate a community based system of human services transportation coordination using a combination of ITS transit technologies.
- Use integrated implementation of technologies to overcome barriers to mobility and accessibility.
- Determine the impacts and return on investment
- End Product: Replicable Model Traveler Management Coordination Center
- Budget: \$8 million over 4 years



Mobility Services for All Americans Problems



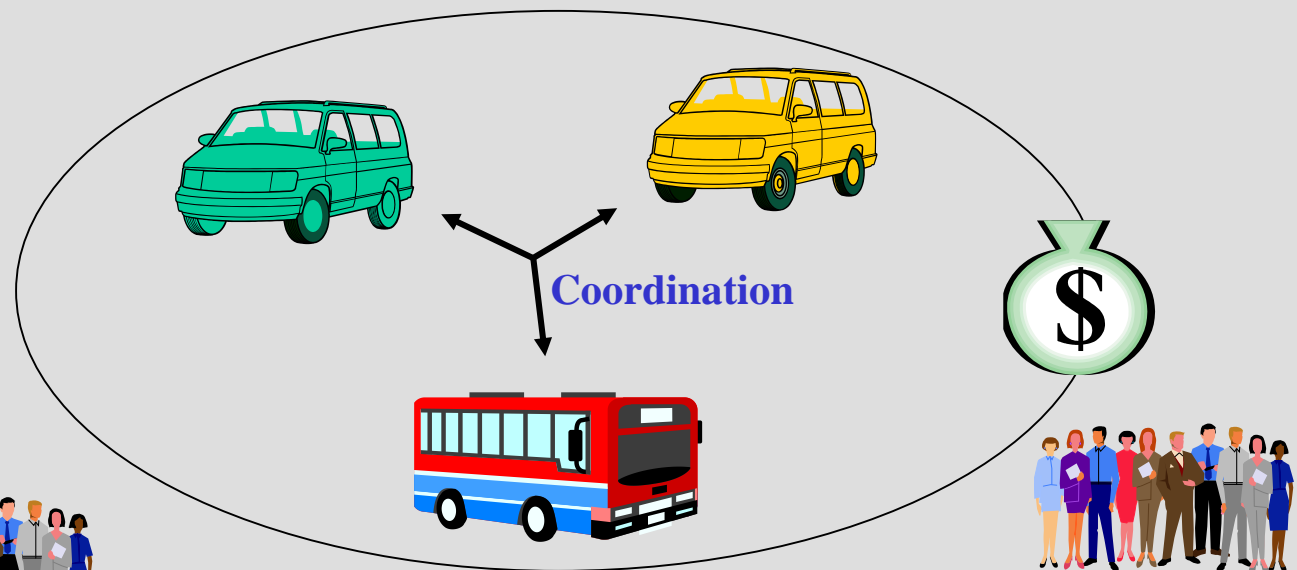
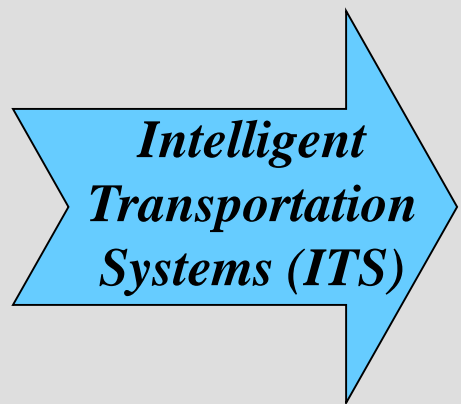
- Overlapping, fragmented, and unavailable transportation services
- Inadequate customer service
- Transit agencies experience:
 - High costs
 - Limited revenues
 - Underutilized vehicle capacity
- Islands of technology, knowledge, and innovation within different professions/areas
- Barriers and gaps in door-to-door accessibility and mobility remain

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A Solution: Coordination & Integration

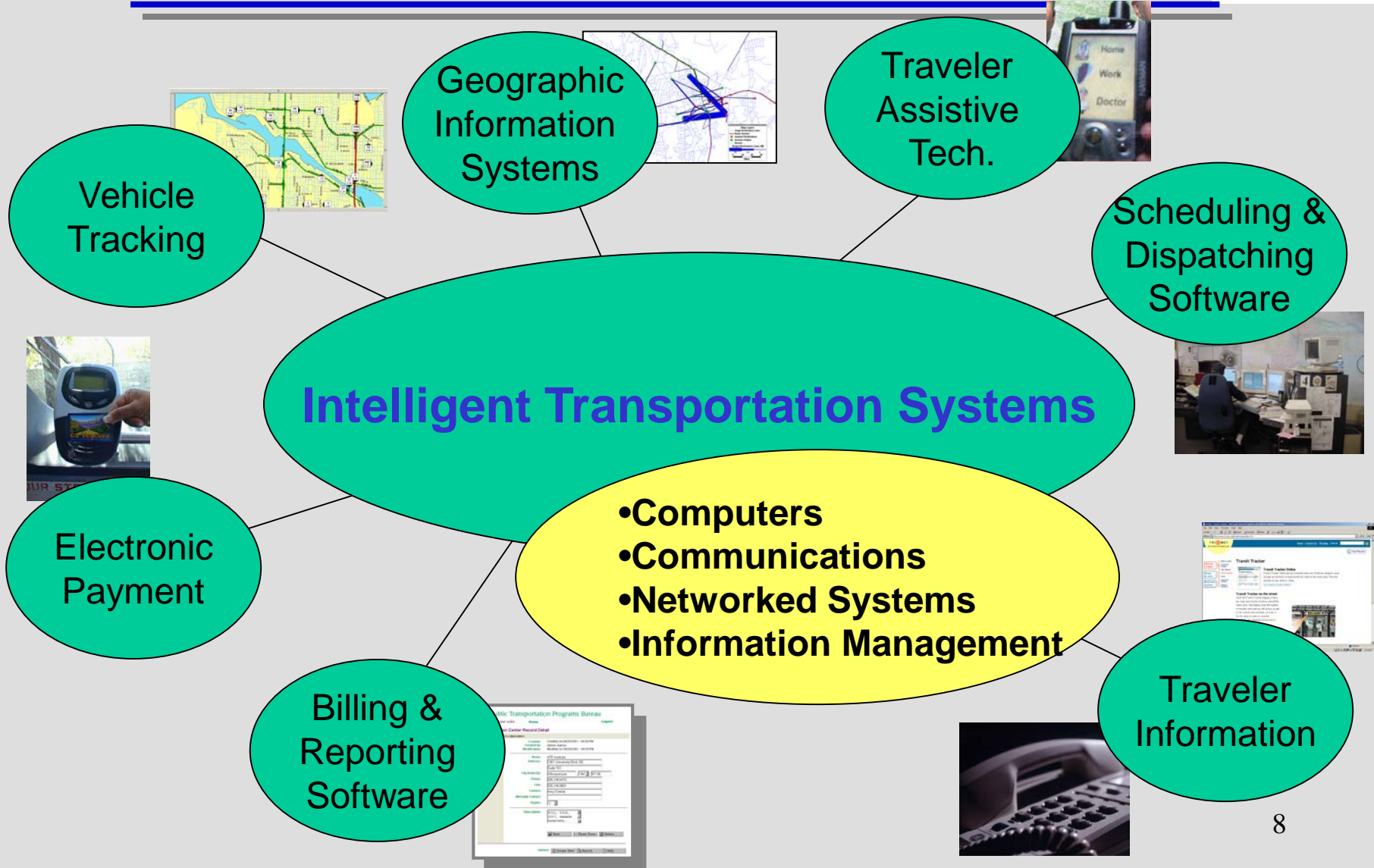


- Improved customer service
- Reduced waste
- Improved efficiencies resulting in lower unit costs
- Increased sources of revenue for transportation providers





Mobility Services for All Americans Coordinated and Integrated ITS



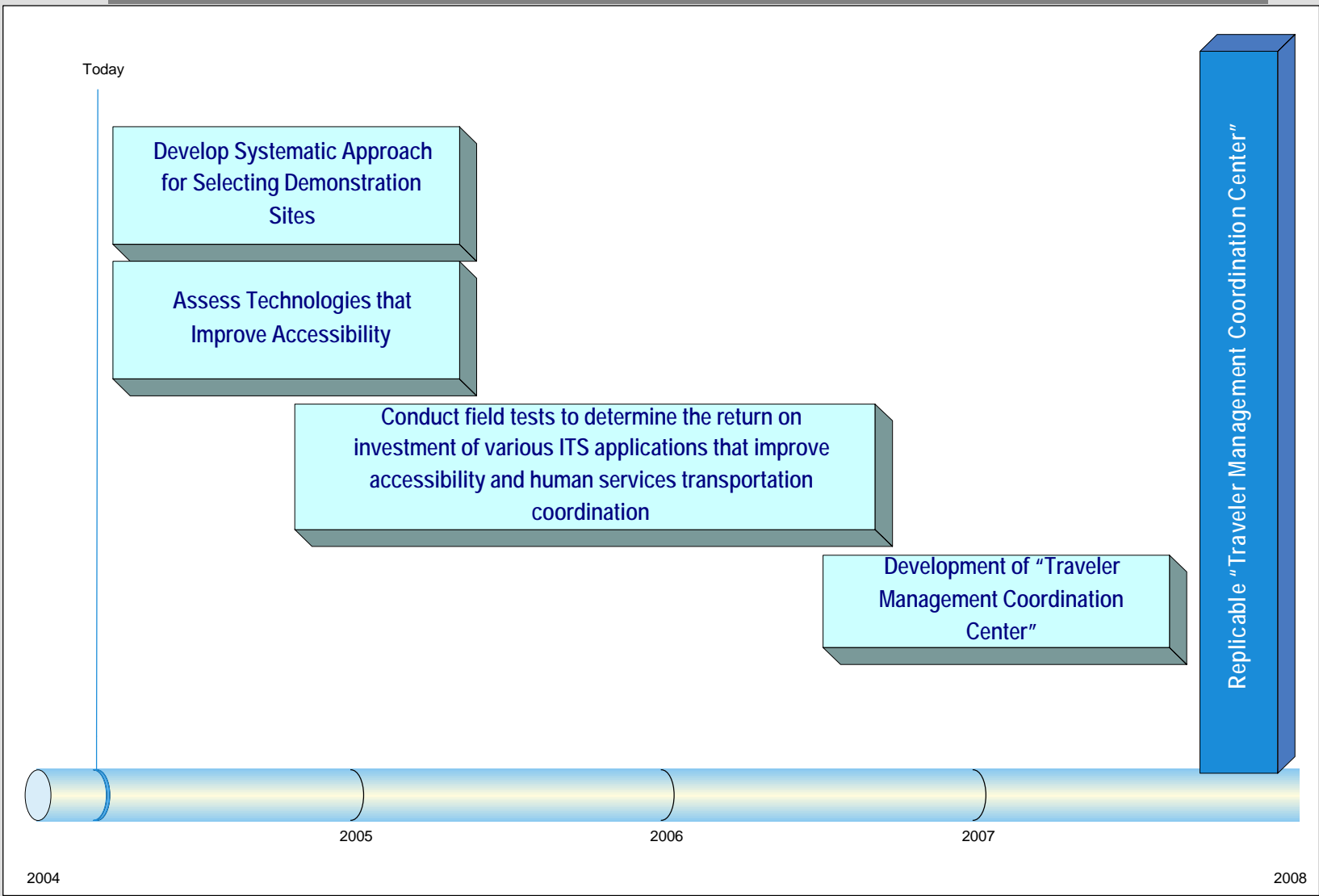
Mobility Services for All Americans Roles and Products



- Stakeholder Roles:
 - Federal:
 - Provide coordination among stakeholders
 - Support a large-scale demonstration
 - Conduct an evaluation and return-on-investment study
 - Transfer knowledge to industry
 - Public and Private Sectors: Assume long-term responsibility
- End Product: Replicable Model Traveler Management Coordination Center



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