Transit Information in Central Florida

National Rural ITS Conference
Seaside, Oregon
August 24, 2009
Central Florida Regional Transportation Authority - LYNX
Fixed Route

270 buses

64 Links (Routes)

4:00 AM – 3:10 AM (weekday)

2,538 square mile service area
PickUpLine

6 buses

5 Links (Routes)

5:40 AM – 8:00 PM (weekday)

52 square mile service area (combined)
ACCESS LYNX

147 vehicles

128 route (varies)

4:00 AM – 3:10 AM (weekday)

2,538 square mile service area
### Central Florida Demographics

<table>
<thead>
<tr>
<th></th>
<th>Orange</th>
<th>Osceola</th>
<th>Seminole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1,105,603</td>
<td>226,123</td>
<td>425,698</td>
</tr>
<tr>
<td>% &gt; 65</td>
<td>10.0%</td>
<td>11.4%</td>
<td>10.6%</td>
</tr>
<tr>
<td>% &lt; Poverty</td>
<td>12.1%</td>
<td>11.5%</td>
<td>7.4%</td>
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<tr>
<td>Area</td>
<td>1,004 mi²</td>
<td>1,506 mi²</td>
<td>345 mi²</td>
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### Region Demographics

- 20% of regional population is disabled
- 10% of population is age 65 and older (increasing)
- 11% of the population is living in poverty
Establish replicable and scalable models of traveler management coordination centers (TMCC), that provides one-stop, unified customer-based travel information and trip planning services, and supports coordinated human services transportation operations. – USDOT RITA
M.O.R.E.T.M.C.C.
Model Orlando Regionally Efficient Travel Management Coordination Center

One stop center
- Trip booking (reservations)
- Customer service
- Certification
- Customer concerns

Integrated Service
- Better utilization of vehicles and drivers
- Fare collection and fare counting
- Vehicle scheduling
- Billing to Federal and State agencies
Where’s my bus?

Paper schedules
Static on-line schedules
Telephone inquiry
On-line trip planner
Where’s my bus?

Bus stop level arrival information

Text bus stop ID and Link number

Receive current bus location
Where’s my bus?

Bus stop level arrival information

Customer gets call 5 minutes before arrival

ACCESS LYNX
PickUpLine
Fixed Route
Where’s my bus?

Trip planner enabled for cell phones
Use Interactive Voice Response interface
Choose origin and destination
System returns trip information
Travel Assistant Device

Customer needs a GPS enabled cell phone
Programming is loaded by the transit agency

Mark Sheppard, HART’s travel trainer, shows his trainee the travel assistance device (TAD) application on his cell phone.
Travel Assistant Device

Choose final bus stop in trip

GPS enabled cell phone alerts the rider after passing the preceding bus stop (pull cord)
Travel Assistant Device
Next stop
Entertainment
News
Transit Info
Questions?

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