



Austin Resource Recovery

Vehicle Fleet Technology Upgrade (VFTU)

Project Updates

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Selected Vendor



- **FleetMind Solutions, Inc.** was scored the best to provide the Vehicle Fleet Technology Upgrade (**VFTU**) required for ARR.
- In March 2017, City Council approved the VFTU contract.
- Since that time, FleetMind and a multi-departmental team have been working together to implement the VFTU.

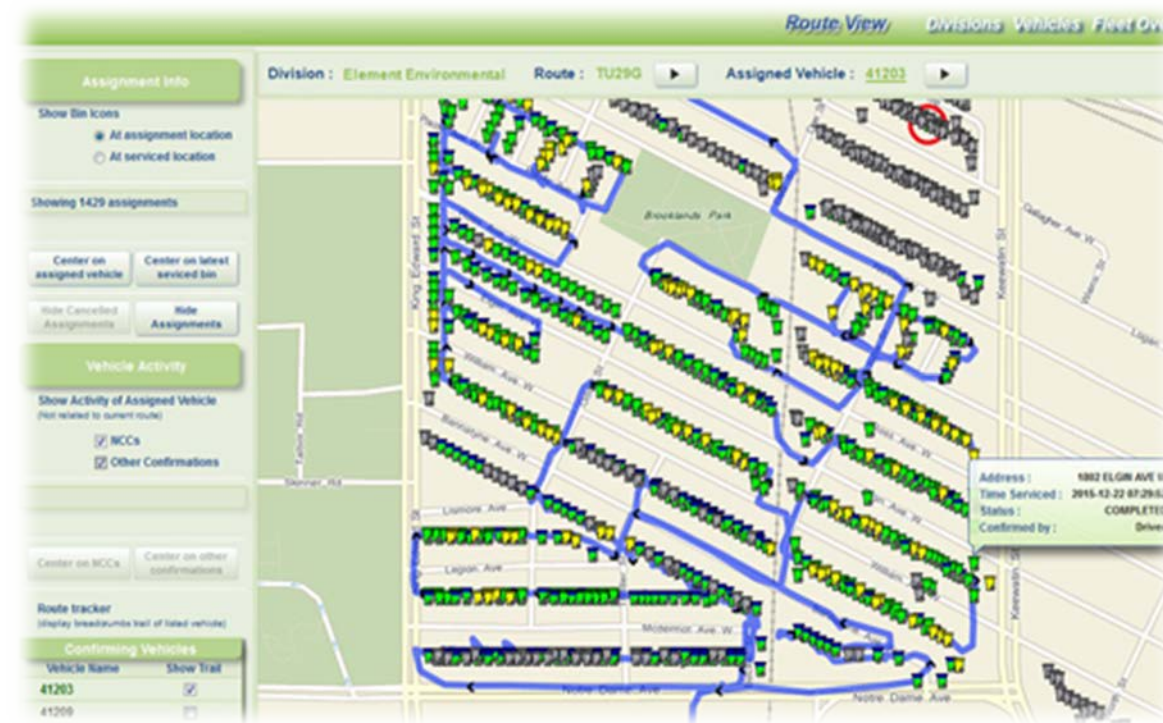
Who's Involved?



Project Updates

Key Project Areas

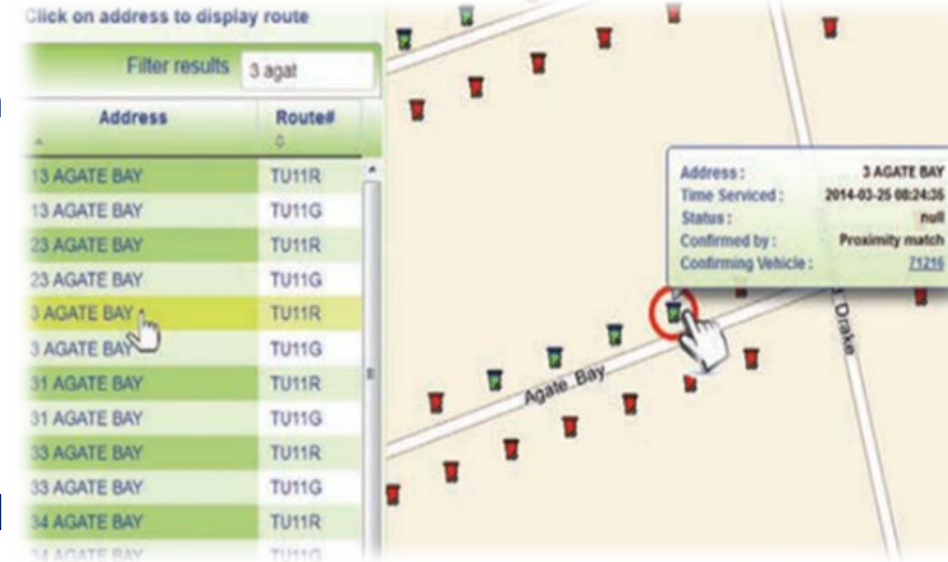
- **Add In-Vehicle Technology To**
 - Collection Vehicles
 - Supervisor Vehicles
 - Cart Delivery Vehicles
 - Street Sweeper Vehicles
- **Replace ARR's Cart Management System (SWTS)**
- **Communicate Directly with AE and 311**
- **Automate Manual Processes**
- **Provide In-Transit Visibility**
- **Increase Customer Service**
- **Conduct Staff Training**



Project Updates

Enterprise Service Bus [ESB] Development:

- In order for the collection vehicles to communicate directly with the **COA Billing System** and the **COA Customer Service System**, an **Enterprise Service Bus (ESB)** needs to be created
- The ESB will:
 - Allow the collection vehicles to communicate with 311 and AE
 - Eliminate manual processes
 - Increase customer service
- Working with AE, CTM and 311 to develop the ESB with FleetMind
- Currently some messages can be sent to and from the ESB
- FleetMind, 311 and AE updating their systems to allow all messages through the ESB



Project Updates

What Happens Next:

- 100 of 220 vehicles currently installed from:
 - Trash
 - Recycling
 - Curbside Organics
- Next phase of installations **June 2019**
- AE updating CC&B (*Billing System*)
- 311 (*Customer Service*) updating Service Requests
- ESB testing to start **August 2019**





QUESTIONS

