

Fleet Telematics Introduction

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Fleet Management Department

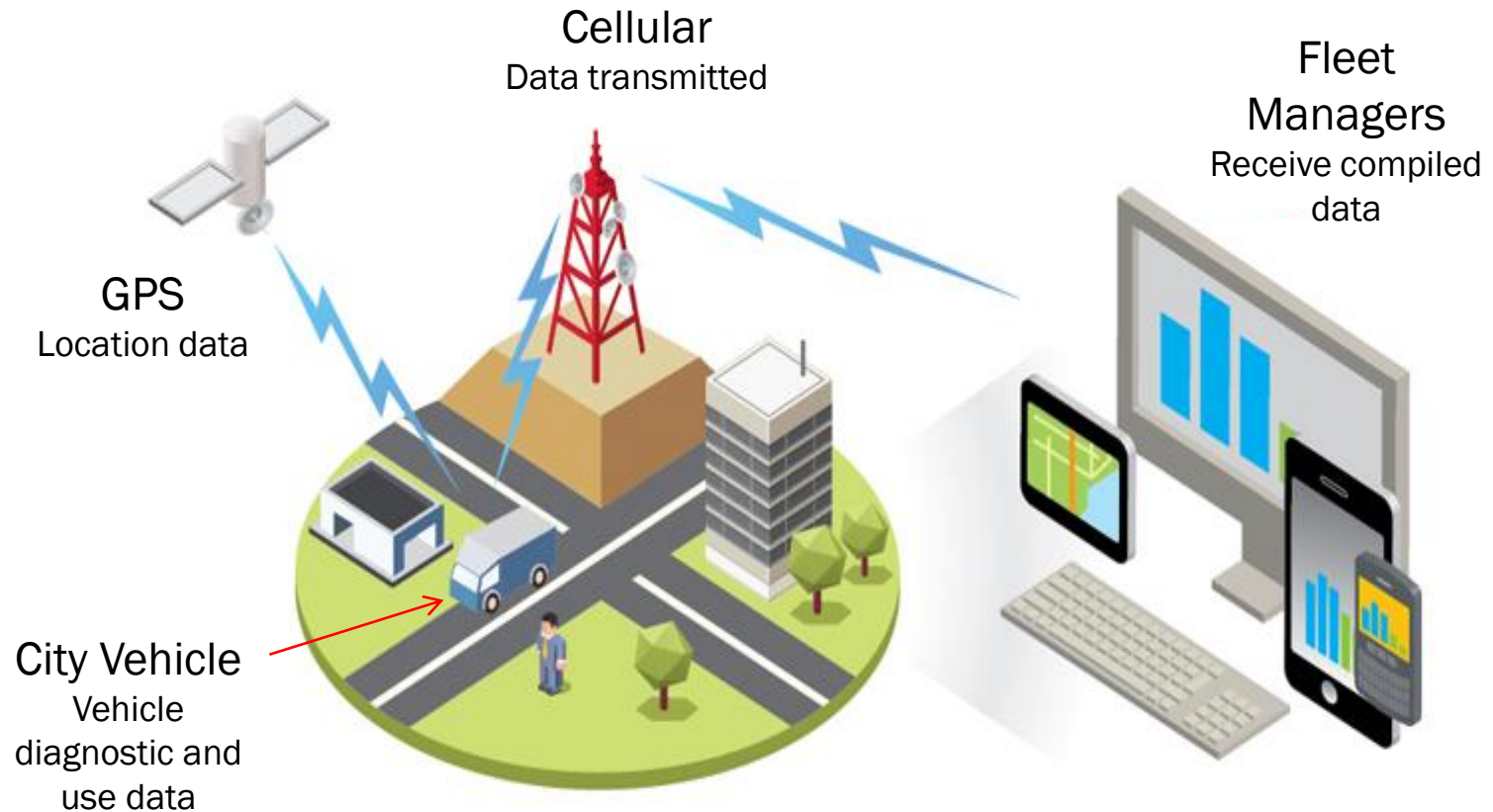
March 16, 2017



Agenda

- What is telematics?
- Administrative structure
- Data processes & reports
- Live demonstration
- Q & A Session

Vehicle Telematics



Telematics Hardware

- Telematics device



- Asset Guard



- Satellite



Installation Status

- 3,971 vehicles & pieces of equipment with active devices
- 1,686 law enforcement and investigative vehicles are exempt; currently exploring options to expand telematics to some or all of these vehicles
- 1,809 pieces of equipment are exempt as “Category Exempt” generally, trailers, non over-the-road equipment such as lawn mowers and heavy equipment

Telematics Data Indicators

1 Position (GPS)

- Current location
- Path of travel
- Static position duration
- Geofencing

2 Utilization

- Trips
- Miles driven
- Hours and days used
- Idling

3 Safety

- Speeding
- Hard braking
- Hard acceleration

4 Maintenance

- Diagnostics (trouble codes)
- Smog check

Administrative Structure & Responsibilities

Departmental Administrators

- Access departmental data only
- Create and edit groups within your departments
- Run reports, alerts, and analyses
- Create geofences and landmarks
- Request users and vehicles be added to department

System Administrator- Bill Zeller

- All capabilities of department administrator, but across all departments
- Make edits to entire system
- Add users, vehicles, and ownership

Alerts & Reports

Alerts – Real time notification to administrator of a violations.

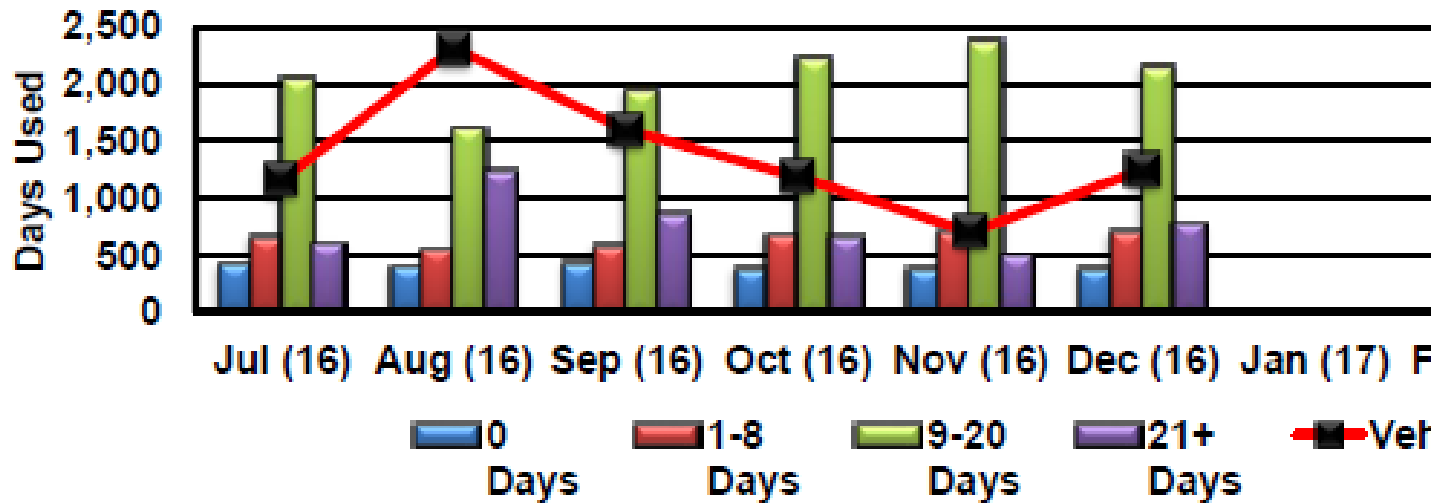
- Safety- Speed/Hard Braking/ Hard Acceleration
- Leaving a Geofence Boundary
- After Hours Movement
- Idle Alert
- Lost Power Alert
- Sensor Alert

Reports – Compile real-time vehicle data and alerts

- Can be run as needed or on a regular schedule
- Departments can determine format, frequency, and recipients for data within their department
- Only the System Administrator can run Citywide reports

Monthly Citywide Report

Days Used	Jul (16)	Aug (16)	Sep (16)	Oct (16)	Nov (16)	Dec (16)
0 Days	418	399	431	385	377	385
1-8 Days	661	549	588	677	707	705
9-20 Days	2,046	1,600	1,954	2,223	2,374	2,154
21+Days	598	1,239	863	654	496	773
Vehicle Utilization Factor (VUF)	37.2%	74.1%	51.2%	38.0%	22.5%	40.0%



Questions?

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