



Operational Data and its Uses

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Overview

- Data In (to FDOT)
- Data Out (of FDOT)
- Data Uses



FDOT Data (Data In)

- FDOT's ITS Program has multiple data sources
 - Cameras
 - Detectors
- Purposes
 - Provide 511 Travel Information
 - Real Time Traffic Management
 - Performance Measures



FDOT 3rd Party Data Sources (Data In)

- In areas lacking deployments:
 - INRIX
 - HERE
 - Waze
 - Tom Tom



FDOT Data Feed to 3rd Parties (Data Out)

- Contains ITS collected data types:
 - Floodgates
 - Traffic Events
 - Dynamic Message Sign Messages
 - Traffic Sensor Speeds
 - Travel Time Segments
- FDOT Statewide Real-time traffic information
- Provided to 3rd Parties from single output site

Data Sharing Agreements (Data Out)

- CCTV Use Agreements – provides CCTV camera images to interested parties such as media partners
- Data Use agreements – provides 3rd party data feed to developers and others interested in creating applications

Data Uses

- Real Time Management of Transportation Network
- Indicating Travel Times
- Performance Measures
 - Incident Duration
 - Travel Time Reliability
- Data available for Research
- Support Planning Function

FDOT to Waze Data Sharing

District SunGuide Systems

- SunGuide System receives planned closures
- TMC Operators produce incident data
- ITS Detectors produce traffic conditions data

District PIO

- Provides Planned Road / Lane Closures



FL-511 System's 3rd Party Data Feed

- Collects data from TMCs statewide
- Packages data as single data feed



Waze

- Receives FDOT Data
- Provides Crowd-Sourced Data



Waze to FDOT Data Sharing



Waze Alerts

- Crowd-sourced traffic alerts
- Waze feed sent to FDOT Central Office



Waze C2C Plug-In

- Converts Waze feed to C2C Status Event Objects
- Filters based on event types and report confidence
- Distributes to TMCs based on geographic location



SunGuide Software

- Displays Remote C2C Waze Events as read-only
- Operators verify events and create SunGuide Events
- Operators set Waze as Notifying Agency
- Operators publish local Waze events to FL-ATIS



FL-ATIS 511 System

- Processes events normally
- Adds attribution to Waze events on IVR and website



QUESTIONS?

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