

presented to MWCOG – Washington, D.C.

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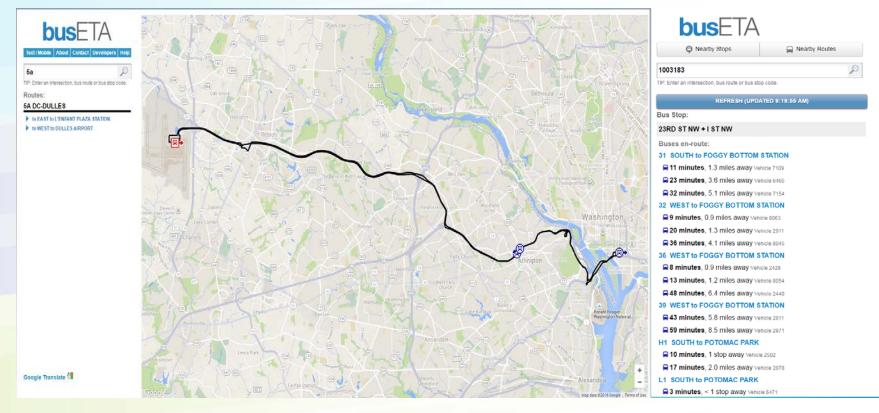
Agenda

- Project Overview
- Project Update
- Lessons Learned
- Recent OBA Successes
- OBA Roadmap
- Getting Started with OBA



Project Overview

What is OneBusAway?



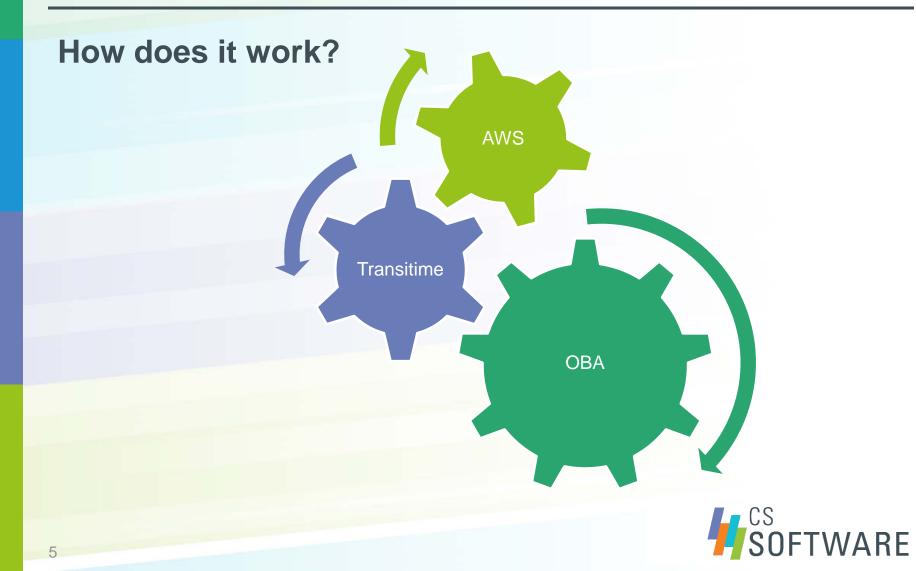


Project Overview

What is OneBusAway?



Project Overview



WMATA Project Update

Initial Deployment Results

- Prediction algorithm was learning the region
- GTFS was relatively new
- Growing pains
- User base hesitant about change

Current Deployment Status

- Historically weighted predictions
- Many bug fixes / improvements
- Strong, stable deployment with low data latency



Lessons Learned

- 30 day pilot recommended before public release
- Thorough GTFS examination
- Leverage additional data evaluation tools
- Strongly advise demo investment to build internal momentum/familiarity



OneBusAway: Successes

- WMATA: Robust, reliable deployment with great uptime
- HART: Mobile Trip-Planning Integration (Android)
- HART/PSTA: Leading Regional Deployment efforts in Tampa
- UTA: OBA Deployment Pilot Success



Moving Forward

Additional Reporting Prediction Improvements Multi-Modal Support

Trip Planning



OBA Presence

CS Deployments

- New York MTA (NYC)
- WMATA (DC)
- Sound Transit (Seattle)
 10+ agencies involved
- HART/PSTA (Tampa)
 - » Future regional deployment

Other Deployments

- San Diego
- Atlanta
- York (Canada)
- Rogue Valley (Oregon)
- And more > 14 total



OBA: Getting Started

- Why is it the BEST solution for agencies?
- Hardware agnostic
- Open source/transparent/flexible
- Massive community support
- Minimal financial commitment
- High reliability



OBA: Getting Started

What is available in a deployment package?

- SMS
- IVR
- Service Alerts
- Developer API + Mobile Apps
- Issue Reporting
- Wiki Support
- User Management
- API Key Management

- Prediction Accuracy Reporting
- Block Reporting
- Highly-Available Server configuration
- Complete system Monitoring
- 24/7 support



OBA: Getting Started



- + Vehicle Tracking (GPS)
- + AVL Data
- + Vehicle Predictions
- Schedule Pilot/Demo



QUESTIONS?

