

AZTech™

Traveler Information Services

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for Planned and Unplanned Events

Presentation Focus:
Operations at a Local Level

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Who is this AZTech, anyway?

- AZTech is the model deployment and regional management of an Intelligent Transportation System developed for the Phoenix Metropolitan area (Moving Forward Together; www.aztech.org)
- The MDI began in 1996
- AZTech is still alive today, with an ever-expanding presence (regional in thinking; open forum; C2C in scope)
- Partners include State agencies (ADOT, DPS), County (MCDOT), regions (MAG), Cities (many/most), media (radio and TV), and more.
- Committees; volunteers with a common vision such as:
 - AZTech Executive Committee
 - AZTech Operations Committee
 - AZTech ATIS

AZTech Influence on 511

- 511 is maintained and operated by Arizona DOT and is a single, statewide solution
- AZTech's influence toward a better 511 system
 - AZTech ATIS group provides input on 511 systems
 - 511 Enhancement project (with funding from MAG, MCDOT, and ADOT), working to improve 511/az511.gov systems *
 - Out of need comes innovation
 - Arterial coverage (or solving the lack thereof)
 - Special Events *
 - Other Traveler Information Services *

* Discussed in more detail on following slides

511 Enhancement Project

- AZTech is leading an effort to enhance both the 511 phone and az511.gov Internet systems
 - Ingest data from outside ADOT
 - City and County arterial data
 - CAD such as City of Phoenix Fire Dispatch, which automatically sends large arterial events to 511/az511.gov (~400 events/month)
 - Create Regional Reports as a way to disseminate arterial data
 - Expand Internet mapping to modern, Google-like system—complete with aerial photography

511 Special Events

- At a time when ADOT's 511 system only offered Floodgate messages, an AZTech need was to be able to create broadcast messages for large events
- Special Events (PIR, FBR, National Football games, Barrett Jackson Car Auction, etc.) was the creation from this need; providing a mechanism for recording traffic-related messages on the 511 system for events that draw 30,000 or more visitors in a single day
- In concert with event outreach, Special Event recordings are typically heard by over 10% of all 511 callers during a Special Event activation

Other Traveler Info Svcs (Pt 1)

– Travel Times

- DMS (A.M. & P.M. rush hours)
- Internet (24/7)
- 511 (rush hours and when abnormal)
- PDA (24/7; MAG-funded project)

– Sky Harbor Rental Car Center ATIS displays

- Four displays within rental facility
- Travel times that are airport centric
- Incident reports (planned and unplanned)

Other Traveler Info Svcs (Pt 2)

- Regional Archived Data Server (RADS)
 - Regional data available to others in region
 - CoP Fire CAD
 - Traffic signal timing plans
 - Detection
 - Ramp Metering rates (coming soon)
- Super Bowl Event Management (Feb 09)
- Web form for quick and easy incident entry
- Authenticated live video access (including PTZ)

The Keys to Success

- Cooperation among all partners
 - 511 maintainer(s)
 - Cities
 - Counties
 - COGs (Council of Governments)
 - Media (traffic reporters, TV, etc.)
 - Data recipients (ftp, other; ability to make requests for improvement)
 - AZTech (or similar mechanisms to bring regional collaboration to the table; operational in scope)
- Willingness to improve system for betterment of all who use it
- Relationships (built and maintained...before the need)
- Funding
 - Good ideas without funding...are just good ideas
 - Funding permits good ideas to become reality

AZTech™

Traveler Information Services

Cooperation today for a better tomorrow...



*Any
questions?*

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