



A MOBILITY AND OPERATIONS PARTNERSHIP IN THE PHOENIX METROPOLITAN AREA

WHAT IS AZTECH?

Led by the Maricopa County Department of Transportation and Arizona Department of Transportation, AZTech is a regional traffic management partnership in the Phoenix Metropolitan area that guides the application of Intelligent Transportation System (ITS) technologies for managing regional traffic. It integrates individual traffic management strategies and technologies to benefit the region while preserving operational control protocols for individual jurisdictions.

AZTECH PARTNERS INCLUDE:

- ★ Federal Highway Administration
- ★ State and local traffic management agencies
- ★ Transit operations
- ★ Regional planning
- ★ Phoenix Sky Harbor International Airport
- ★ Law enforcement and public safety agencies
- ★ Emergency management

AZTech began as a Federally-sponsored traffic management Model Deployment Initiative (MDI) in 1996. Today, AZTech is a permanent, regionally-integrated traffic and data sharing partnership that is nationally-recognized for its successes in transportation operations and agency collaboration.

EST. IN 1996

**CO-LED BY
MCDOT AND ADOT**

*Focused on transportation
systems integration and operation:*

- ★ Traffic signal systems management and operations
- ★ Advanced traveler information
- ★ Traffic incident management
- ★ Applied research and innovation





BENEFITS OF AZTECH

Through AZTech agencies in the Phoenix Metropolitan Area:

- ★ Participate in training for improved traffic incident response, emerging technologies, and new transportation operating practices
- ★ Share information on innovative strategies
- ★ Collaborate on improving key corridor management throughout the Valley
- ★ Learn about experiences, challenges and successes from partner agencies
- ★ Develop consistent operating processes
- ★ Introduce new staff to regional operating concepts

1996

AZTech formed in Maricopa County

28

AZTech Partner Agencies

7

Active committees & working groups

AZTech
Annually Holds

45

Committee & Working Group Meetings

15

Trainings

AZTech provides a forum for agencies to work together on operations initiatives:

- ★ Through AZTech, agencies in the Phoenix Metropolitan Area have linked key systems and technologies to improve how agencies share transportation data and video during special events.
- ★ AZTech supports the Traffic Incident Management (TIM) Coalition, which is chaired by the Arizona Department of Public Safety, and includes representatives from state, county, and city agencies. The TIM Coalition meets bimonthly to review incidents, participate in training activities, and work together to improve incident response processes.

TYPES OF COLLABORATION PROJECTS:

- ★ Adaptive Signal Deployment
- ★ Traffic Signal Timing Coordination
- ★ Data Sharing (RADS & ARIS)
- ★ Traffic Incident Management
- ★ Traveler Information
- ★ Automated Traffic Signal Performance Measures (ATSPM)
- ★ Training and Workshops
- ★ Networking

- ★ One of the foundations of AZTech is its role for developing and testing innovative ways to communicate with travelers. Recognizing that the media were key partners in reaching drivers, AZTech conducts biannual Media Summits, so media partners and transportation agencies can work to improve what and how traveler information is shared with drivers.

The AZTech Operations Implementation Plan is developed every 5 years to guide the work of the committees and working groups



AZTech
OPERATIONS
IMPLEMENTATION PLAN
2020 UPDATE



For more information:
aztech.org

