



AZTech Regional Operations Partnership

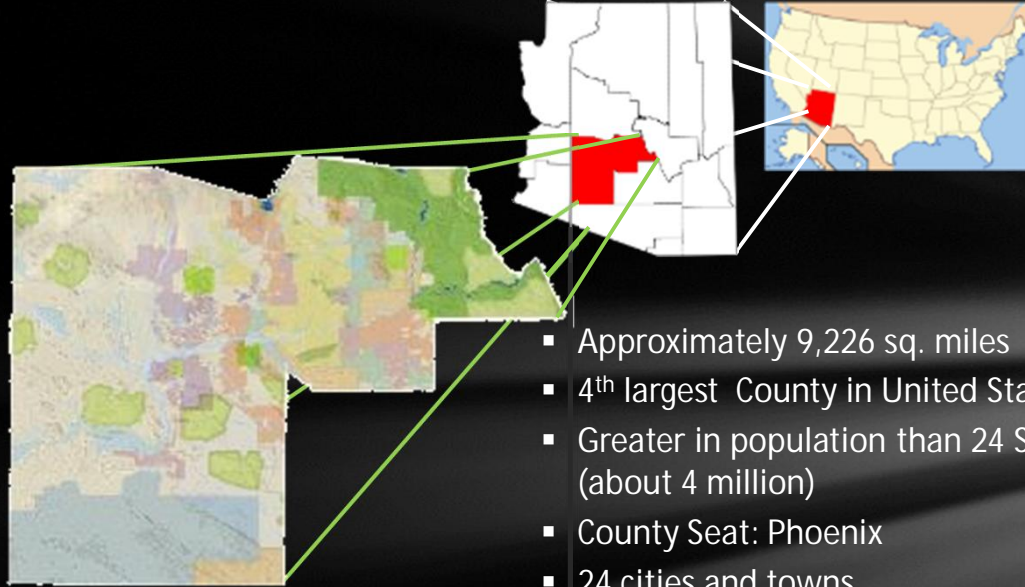
Faisal Saleem

ITS Branch Manager & MCDOT SMART*Drive* Program ManagerSM
Maricopa County Department of Transportation

ITS Carolinas

March 17, 2021

Maricopa County, Arizona



- Approximately 9,226 sq. miles
- 4th largest County in United States
- Greater in population than 24 States (about 4 million)
- County Seat: Phoenix
- 24 cities and towns
- 5 Indian Communities



Organization

Established in 1996 as one of four MDI's:

- Mission: Integrate the region's Intelligent Transportation Systems infrastructure through public and private partnerships as a national model for multimodal transportation systems development; thereby minimizing environmental impacts and effectively managing transportation demands.
- Goal: to provide Phoenix Metropolitan Area with seamless transportation system

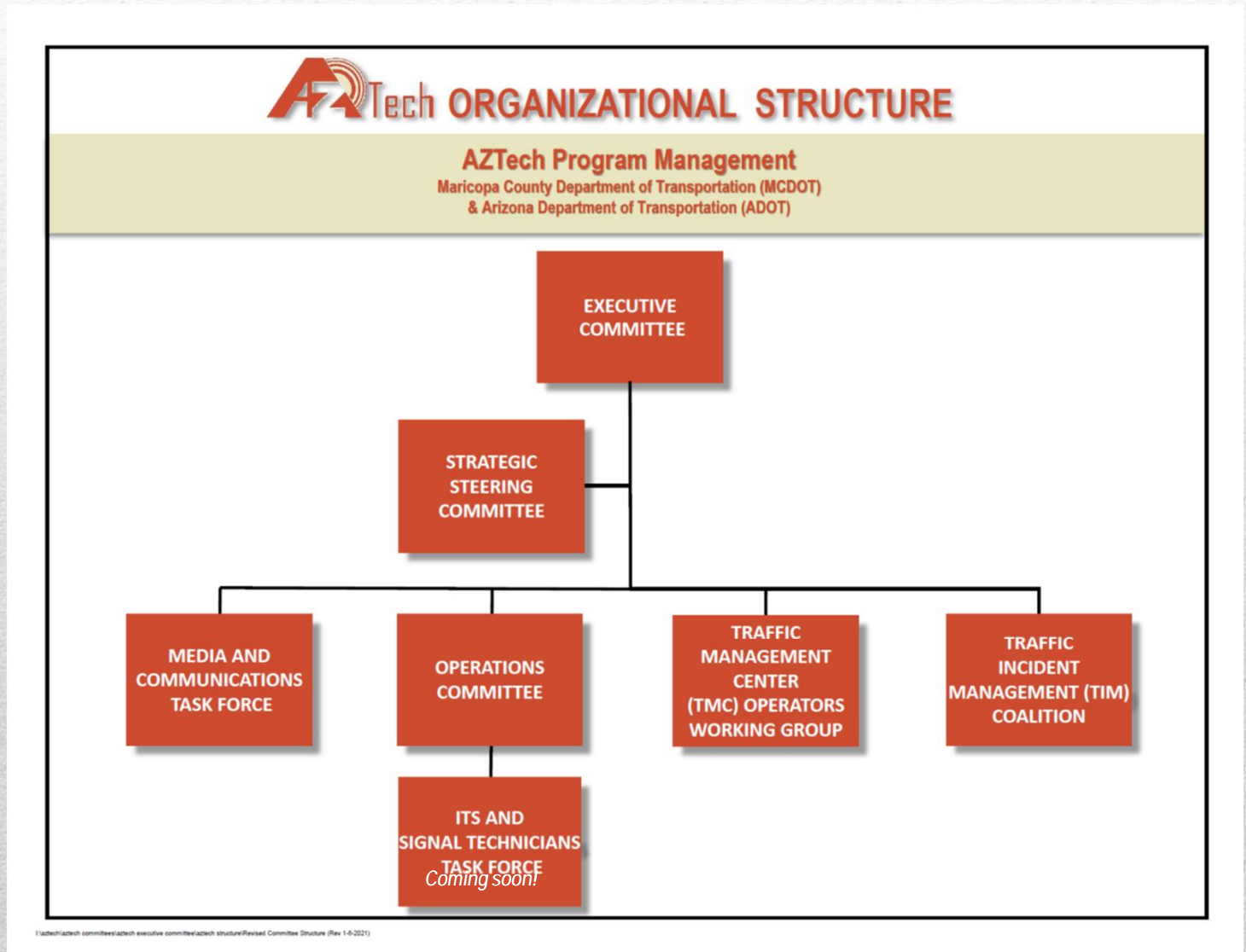
Partnership



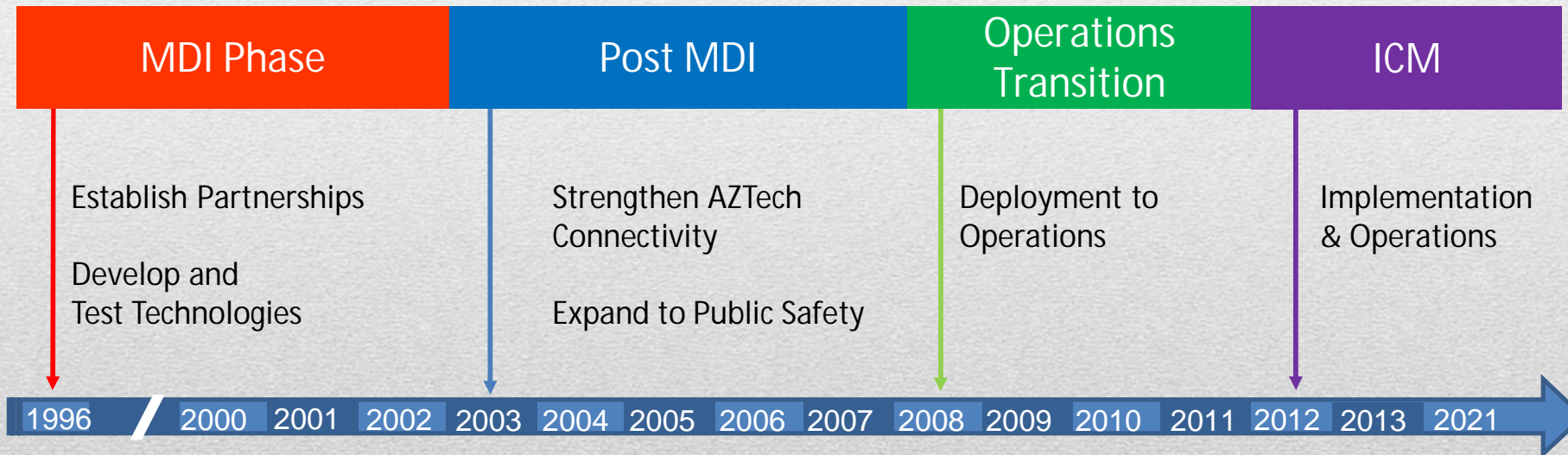
- 24 members
 - 15 Cities and Towns
 - FHWA
 - MAG (Local MPO)
 - State DOT
 - County DOT
 - Public Safety
 - Phoenix International Airport
 - Public Transit
 - State Universities
- Key Function: Traffic Management and Operations



Current Organizational Structure



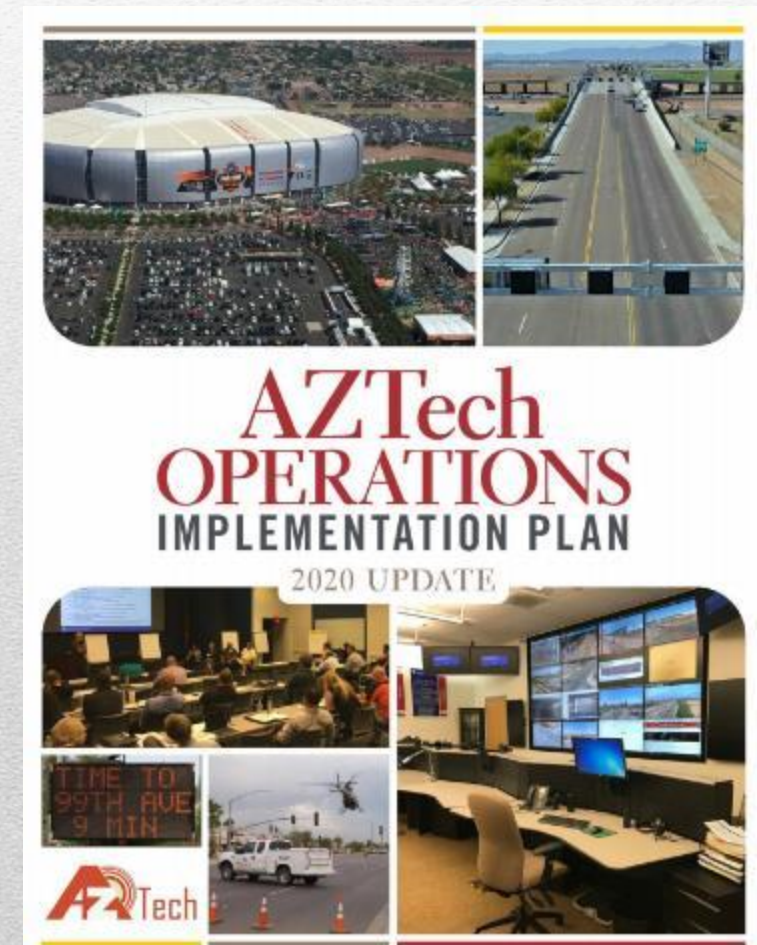
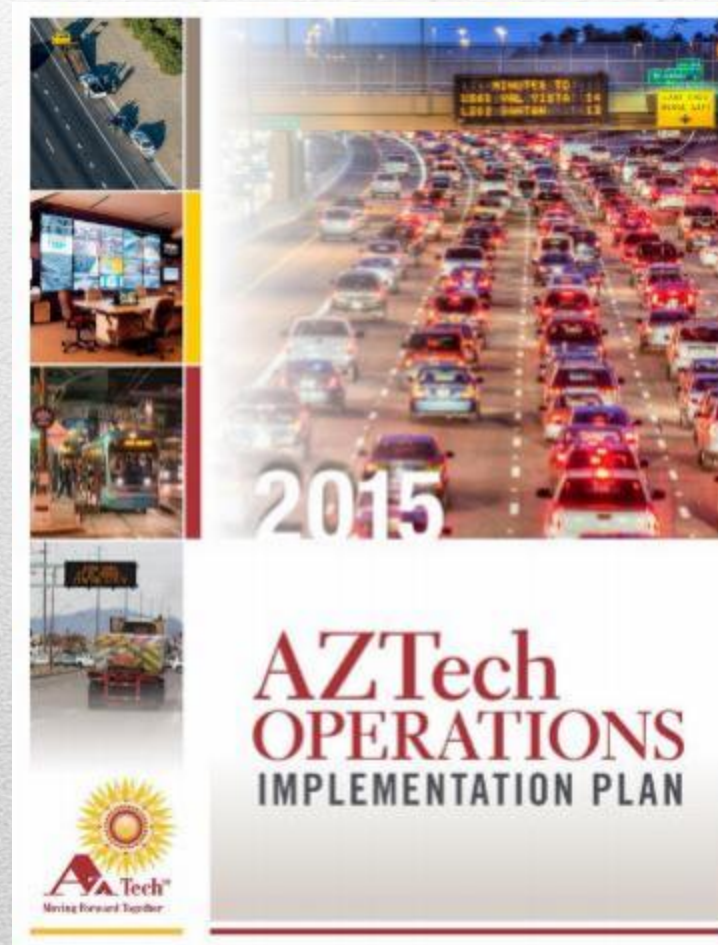
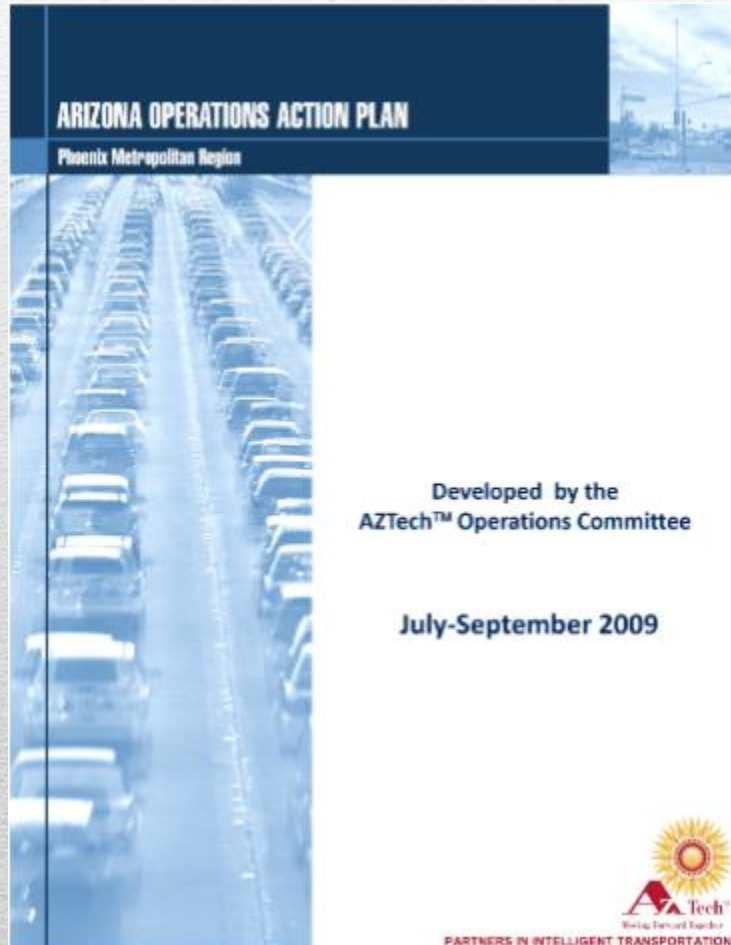
History At-A-Glance



Tipping to Operations (2009): Key Focus Areas

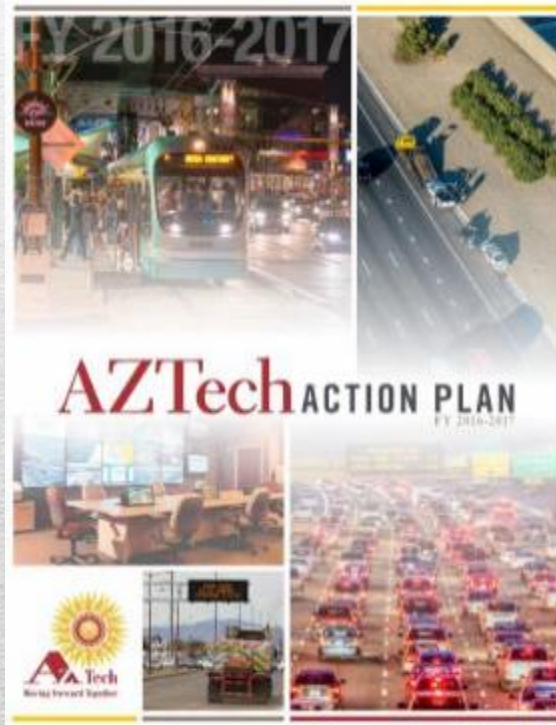
1. We have a well informed traveling public
2. Performance measures tell our story
3. Upper management, the public and elected/appointed officials understand and appreciate our value
4. Incident management is responsive and effective
5. Leverage regional Infrastructure for operational efficiency and redundancy
6. Create seamless operational partnerships
7. We have well qualified, well trained staff and a pipeline of new talent

Operations Implementation Plans



Implementation and Action Plans

AZTech OPERATIONS IMPLEMENTATION PLAN



Project Title	Responsible Party / Project Champion	Anticipated Outputs
AZTech Executive Committee		
1. AZTech Business Case	AEC, ASSC / Committee Chairs	Developing a succinct business case for AZTech and its value to the region, as well as identify key audiences for outreach focus.
AZTech Strategic Steering Committee		
2. AZTech 20 th Anniversary Celebration	ASSC / Nicolaas Swart, Faisal Saleem, Cynthia Lopez	Planning and execution of a 20 th Anniversary Celebration that highlights the accomplishments and value of AZTech to the region.
3. 2015 AZTech Performance Indicators Book	ASSC / Committee Chairs	Completion of 2015 Traffic Management and Operations Performance Indicators Book that is approved by the AEC and provides an overview of the performance of the regional transportation system.
4. FY 2016 – FY 2017 AZTech Action Plan	ASSC / Core Planning Team	FY 2016-2017 (this document) AZTech Action Plan that is submitted and approved by the AEC.
5. Media and Communications Task Force	ASSC, ATIS WG / Faisal Saleem, Tim Tait, Traci Ruth and Monica Hernandez, Gil Estrada	Convene a task force of agency Public Information Officers (PIOs) to conduct focus groups with different local media (TV, radio, print) to identify specific media engagement opportunities.
6. Central Resource Database	ASSC / Bruce Littleton, April Wire, Cynthia Lopez, David Lucas	Identifying and beginning to put into place a maintenance structure for a database of resources, system inventory and guidance materials that AZTech members can access through a secure website and hard copy binder. This resource also would include the various training resources being developed by the different AZTech committees. Align with AZTech web site updates.
7. West Valley Loop 101 ICM Plan	ASSC / April Wire, Faisal Saleem	Developing Integrated Corridor Management strategies for the Loop 101 in the West Valley.
8. AZTech Job Description Templates	ASSC / Nicolaas Swart, Reza Karimvand	Developing a set of job description templates for ITS and traffic operations/management positions that can be used by agencies to support new or updated job descriptions.
AZTech Traffic Incident Management Coalition		
9. TIM Coalition Outreach and Engagement Plan	TIM Coalition / Barbara Hauser, Raul Amavisca, Dan Jarrett, Scott Crawford, John Ford	Developing a list of priority agencies in the region who are not currently active in the TIM Coalition and have been contacted by MCDOT regarding participation. A plan for outreach to these agencies, including identification of a peer agency who can support the outreach.

Capability Maturity Model (CMM) Self Assessment

DIMENSIONS	ENTITY	LEVEL 1 PERFORMED	LEVEL 2 MANAGED	LEVEL 3 INTEGRATED	LEVEL 4 OPTIMIZING
BUSINESS PROCESSES	AZTECH	2014 (+)		2019	
SYSTEMS & TECHNOLOGY	AZTECH		2010 2014	2019	
PERFORMANCE MEASUREMENT	AZTECH	2010	2014	2019	
CULTURE	AZTECH	2010 (+)	2014	2019	
ORGANIZATION/ STAFFING	AZTECH	2010 (+) 2014 (+)		2019	
COLLABORATION	AZTECH		2010 (+) 2014	2019	

Legend	
Gray	2010 CMM Results
Blue	2014 CMM Results
Green	2019 CMM Results
(+)	Plus or + 0.5

Performance Indicators Book

AZTech TRAFFIC MANAGEMENT AND OPERATIONS PERFORMANCE INDICATORS BOOK – 2015

Phoenix Metropolitan Region



FREEWAYS • ARTERIALS • INTEGRATED CORRIDORS • INCIDENTS
TRAVELER INFORMATION • SPECIAL EVENTS • TRANSIT



Developed by the
AZTech Strategic Steering Committee
and Operations Committee



REGIONAL INTELLIGENT TRANSPORTATION SYSTEM PARTNERSHIP

2017

AZTech TRAFFIC MANAGEMENT AND OPERATIONS PERFORMANCE INDICATORS BOOK



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REGIONAL INTELLIGENT TRANSPORTATION SYSTEMS PARTNERSHIP

2019

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REGIONAL INTELLIGENT TRANSPORTATION SYSTEMS PARTNERSHIP



Questions?

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