ActiveTSMO

ActiveITS®
Traffic Management

- 60+ TMCs
- 11 of 25 largest U.S. cities
- 40,000 miles using ActiveITS
- 16 U.S. states
- 60+ vendor interface protocols
- 85+ employees dedicated to ActiveITS
- 4,000+ system users nationwide
- <1 minute from incident detection to DMS posting

DEPOT
DATA EXCHANGE PLATFORM FOR OPERATIONAL TECHNOLOGIES

- Work Zone Data
- ATMS Data
- Crash Data
- Weather Data
- SPEED 64
- Connected Vehicle Data

Active-Vision
Video Analytics

Number of Vehicles 6 Weather Condition CLEAR

- 72 MPH ↓WEST
- 68 MPH ↓WEST
- 76 MPH ↑EAST
- 75 MPH ↑EAST
- 73 MPH ↓WEST
- 71 MPH ↑EAST

Active·ICM
Integrated Corridor Management

I-10 CLOSED AHEAD, DETOUR AT EXIT 45B

BUCKLE SAVE MA

I-10 closed ahead, detour at Exit 45B

ActiveITS

ActiveITS™ is a robust and reliable Advanced Traffic Management System that not only meets clients' current requirements but also offers an advanced decision support system, ramp metering, truck parking capabilities, integration with connected vehicles, and comprehensive partner and third-party support. It also includes traffic signal system management and extensive device protocol compatibility.

Government-Owned Software

ActiveITS is deployed through multiple entities, including departments of transportation, city and county governments, toll and other agencies. By using non-proprietary ITS software, SwRI can adapt existing ActiveITS deployments for client-specific ATMS needs, saving costs and allowing seamless integration of all ITS systems.

For more information, please contact:

Mike Haas	**Capri Koepp**	**Jesus Martinez**
503.747.8352	210.522.6060	305.986.2596

activeits@swri.org

Active-Vision

Active-Vision™ applies advanced computer vision and machine-learning technologies to detect and report actionable traffic condition changes. Detection types include wrong-way drivers, roadway anomalies, weather conditions, and others. Active-Vision can be integrated into a variety of intelligent transportation systems, using existing traffic cameras to analyze anomalies affecting roadway traffic.
For more information, please contact: **Ryan McBee** • 210.522.3335 • **active-vision@swri.org**

ActiveICM

ActiveICM is an Integrated Corridor Management (ICM) software focused on traffic coordination across jurisdictional boundaries. Active-ICM ingests data from a variety of sources, (ATMS data, TMDD, GTFS, etc.,) to make operational decisions, including highway messaging and arterial routing, to improve traffic mobility across the transportation network. Featuring integration with simulation engines, ATMS systems, and traffic signal software, ActiveICM can monitor roadways, predict outcomes, and coordinate major events from inception to closure. *For more information, please contact:* **Kevin Miller** • 313.354.2126 • **activeicm@swri.org**
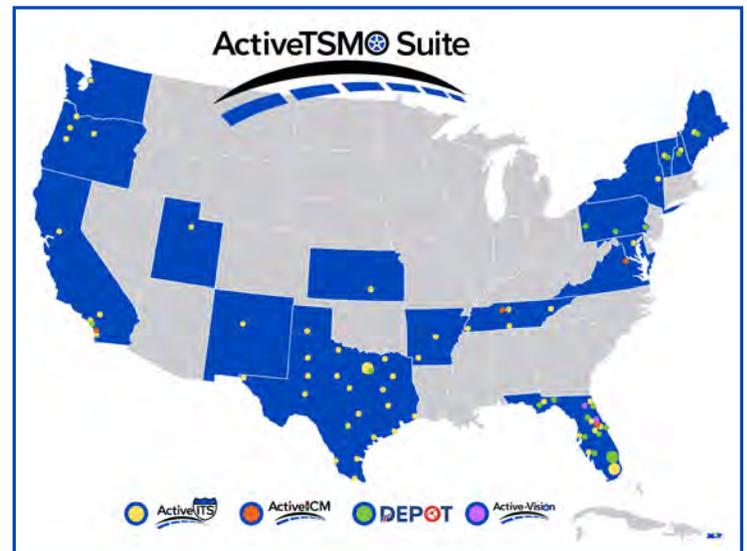
DEPOT

Initially built for Florida DOT, the Data Exchange Platform for Operational Technologies (DEPOT) is a customizable, cloud-based data exchange and real-time analytics platform that scales with transportation agency data. It ingests standards-based and custom data feeds, including Waze, HERE, and ATMS, then normalizes the data into a common format, applies analytics and business logic, and outputs standards-compliant data such as the FHWA's Work Zone Data Exchange (WZDx) and TMDD. DEPOT also offers a SQL-based query interface for data exploration and research and supports integration with commonly used business intelligence dashboards.

For more information, please contact:
Clay Weston • 210.522.2954 • **depot@swri.org**

Southwest Research Institute applies transportation technologies that improve safety, mobility, equity, and environmental stewardship for our clients and the traveling public across the nation.

SOUTHWEST RESEARCH INSTITUTE

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