

#### **Kadence New Corridors**







# Agenda

- Kadence overview
- New corridors



# Kadence Overview



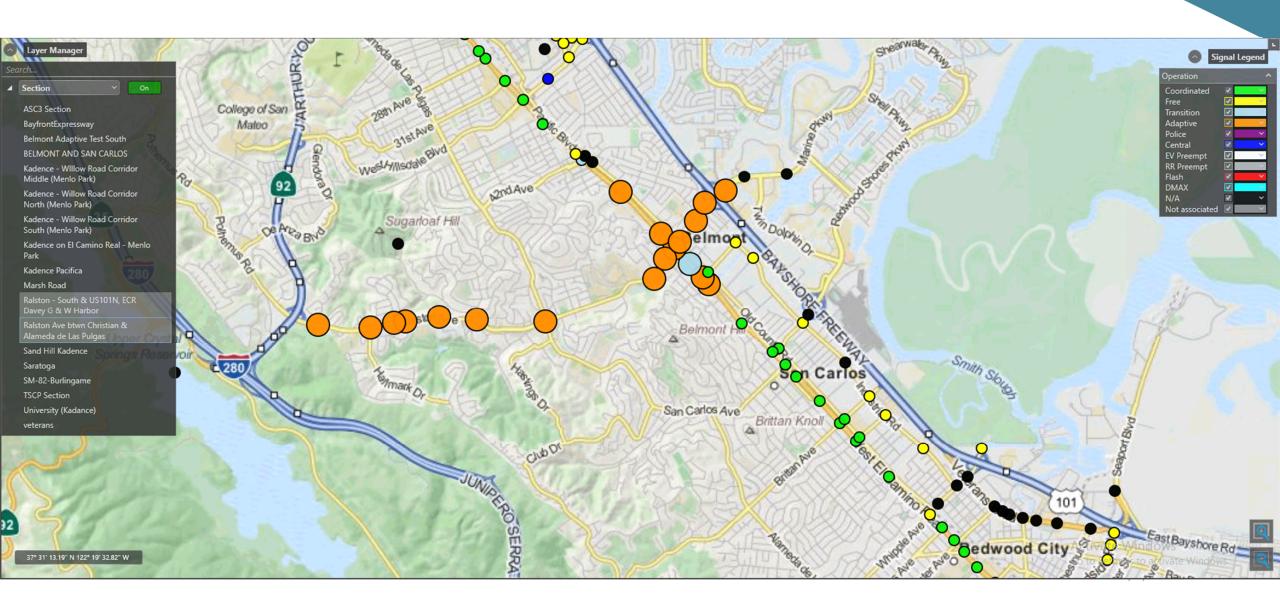
### **Advantages of Kadence**

- Scalable to hundreds or even thousands of signals
- Supports existing hardware and firmware
- Detection agnostic
- No hardware required in the cabinet
- Fully integrated into KITS, core ATMS features available to Kadence users



# New Corridors

### Belmont, CA – Ralston Ave

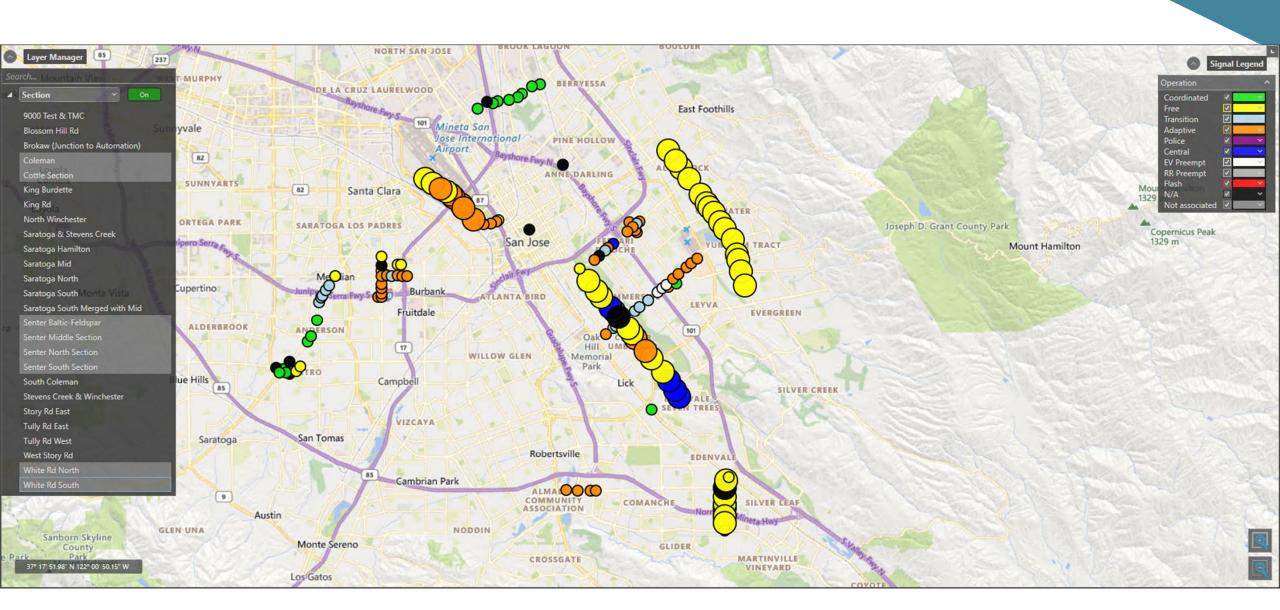


#### Belmont, CA – Ralston Ave

- New adaptive corridor implemented within existing KITS deployment
- Mix of D4 and Caltrans TSCP controllers
- Intersects El Camino Real, a major corridor in San Mateo County



### San Jose, CA – Four New Corridors

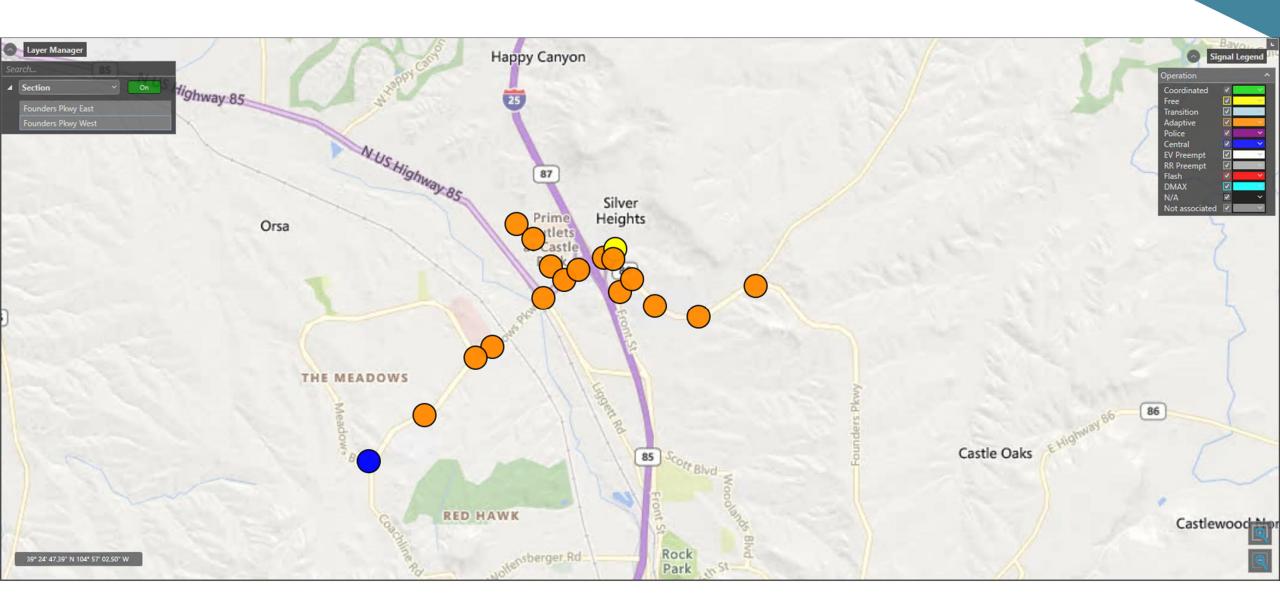


#### San Jose, CA – Four New Corridors

- Expansion of existing Kadence deployment to 54 new controllers
- D4 controller firmware deployed citywide
- Kadence corridors distributed throughout the City
- Largest Kadence deployment in the country at 129 signals total



# Castle Rock, CO – Founders Parkway

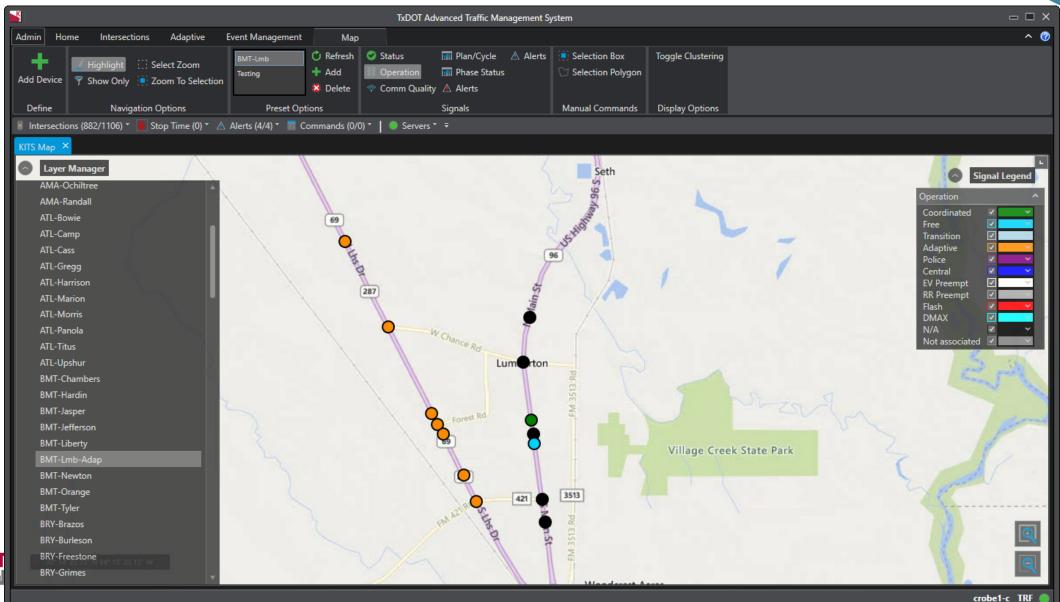


### Castle Rock, CO – Founders Parkway

- First Kadence deployment in Colorado
- VPN tunnel to allow integration of both CDOT and Castle Rock signals
- ASC/3 and Maxtime controller firmware
- Major outlet center adjacent to corridor



#### TxDOT Beaumont, TX – US69



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- First Kadence deployment within TxDOT KITS system
- SEPAC controller firmware
- Measuring performance with Traction Travel
- Nearby elementary and high school



#### Washtenaw, MI – Jackson Corridor



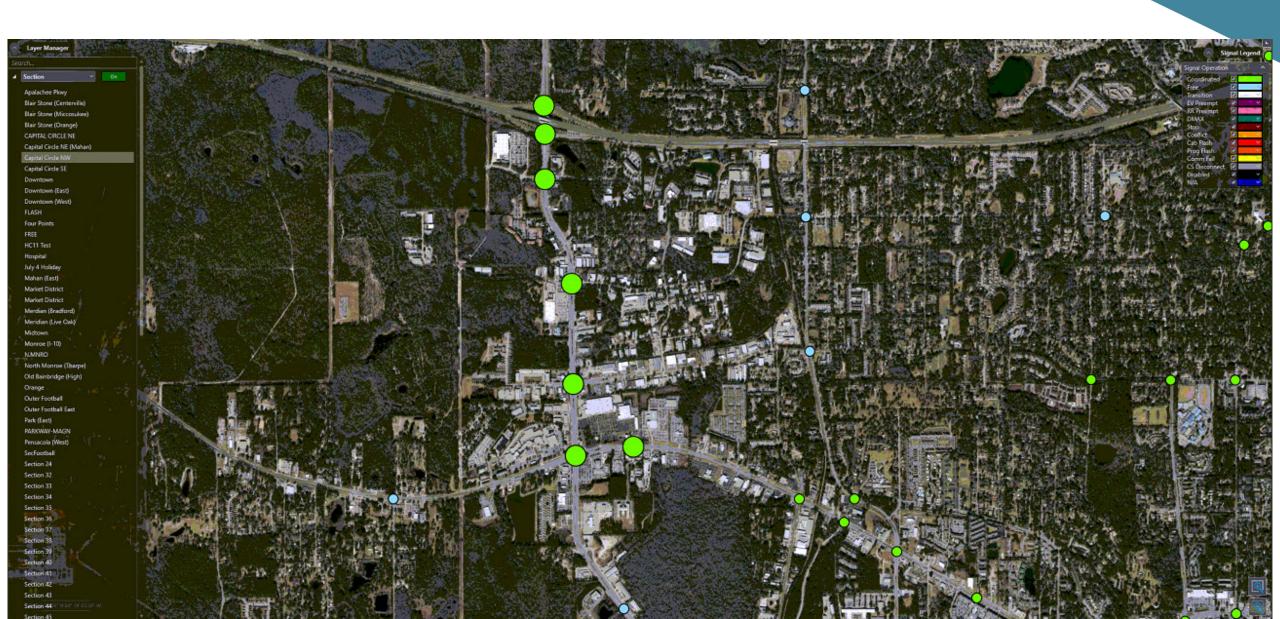


#### Washtenaw, MI – Jackson Corridor

- First Kadence deployment within Washtenaw KITS system
- ASC/3 and EOS controller firmware
- Unique signal configurations at "Michigan Lefts"
- Spaced out signals on multiple intersecting corridors



# Tallahassee, FL – Capital Circle



### Tallahassee, FL – Capital Circle

- First Kadence deployment within Tallahassee KITS system
- Maxtime controller firmware
- Unique detection challenges many signals don't have stop bar detection on coordinated phases



### San Antonio, TX – Medical Center





#### San Antonio, TX – Medical Center

- First Kadence deployment within San Antonio KITS system
- Maxtime controller firmware
- Signals laid out around hospital complex



# Thank You!