LYT.
BETTER LIVES THROUGH LESS TRAFFIC
Dedicated Bus Lanes
Not Required

No Added
Field Hardware

Significant Savings in
Staff Resources
Map of VTA EMTRAC TSP Bounding Boxes for Santa Clara Street, San José
Provided by the City of San José
Santa Clara Street, San José, Without Bounding Boxes

*Image from Google Maps*
Real-Time Artificial Intelligence + Cloud Infrastructure + Pre-existing Infrastructure = LYT.speed, an always-learning, smarter TSP
Powerful tools that provide real-time insights to optimize your signal and bus network on the fly

Secure, reliable, cloud-based infrastructure that saves precious budget dollars in equipment and personnel costs
Valley Transportation Authority Pilot

Route 77 - Eastridge Mall to Great Mall

17 signals configured for North/South transit priority

LYT.speed coexisted with Cadence, Transcore, and crosses several coordinated corridors without conflict
How LYT.speed Improved the Pilot Section of Route 77

- **20%** Shorter Travel Times
- **14%** Fuel Savings
- **12%** Reduction in Emissions
- **0** Added Field Hardware

12% Reduction in Emissions
20% Shorter Travel Times
14% Fuel Savings
12% Reduction in Emissions
No modifications made to roads or route

$2,000,000 removed from project cost

1,800 hours of installation time removed
What Makes LYT Different?

- Cloud Based & 100% Software Defined
- Continuously Learning
- Real Time Reporting
- Flexible Applications
LYT’s Algorithms Are Always Learning

Keeps learning, gets better with age.

- Road sections
- Speed over time
- Speed limit
- Traffic over time
- Dwell times
- Road capacity