

Traffic Management using Video Analytics



Quick Reference Guide



Solution Summary

This video analysis system can handle data from many video cameras and detectors at once. It works seamlessly with your existing security setup and gives you a much clearer picture of what's happening. By using advanced data processing and AI, it delivers valuable security insights you can act on, making your traffic system more efficient and innovative.

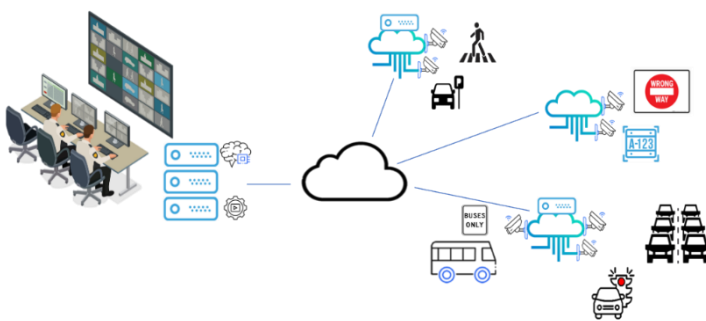
Value Proposition

- **Highly accurate** set of video analytics capabilities
- Operates in diverse **weather conditions**
- Supports **multiple** customer traffic management **use cases**
- Robust integration with third-party systems
- Supports **existing cameras, IP or Analogue** (previous validation)

Detection Features

- Wrong Way Driving
- Pedestrian Walking
- Turning counts
- Speeding
- Stopped Vehicles
- Lane Use
- Queue Formation
- Fog and Weather
- Parking Availability
- Wildlife
- Wildfire

Reference Architecture



Servers on premise (**Private**)
 Compute at the Edge (**Road side unit - RSU**)

Components (Compute + Network + Software)

