

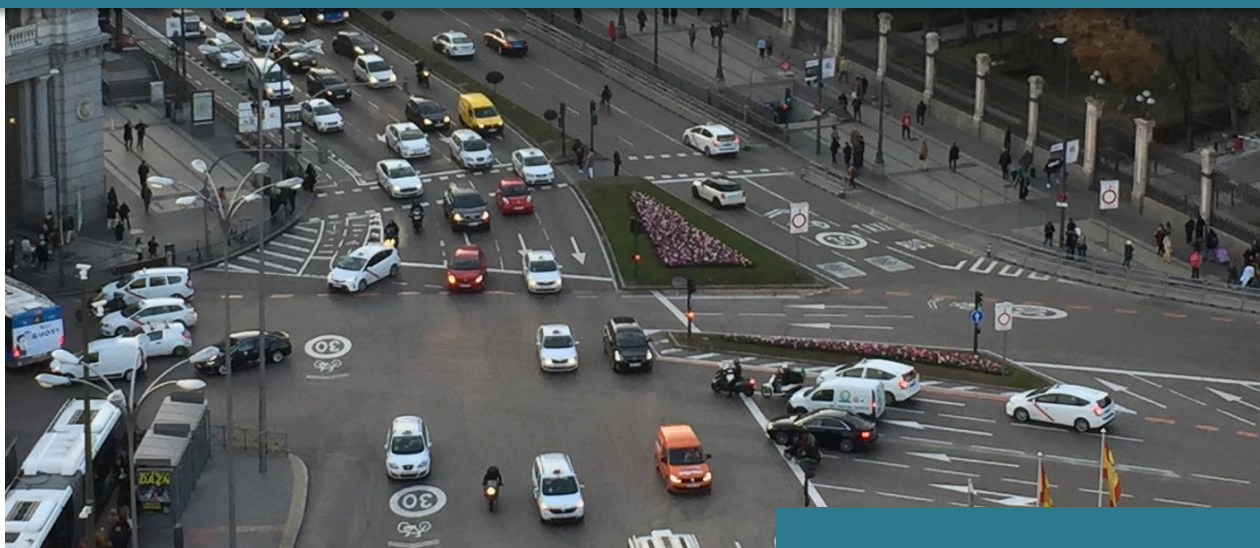
# intuVision® User Story: Smart City Traffic

## Vehicle and Pedestrian Counting, Street Parking



“City of Coral Gables’ top priority is to provide its citizens and tourists a safe and comfortable environment, using intuVision traffic video analytics we are able to collect and analyze data to achieve that “

*Efrain Fleites, IT Network Analyst I, City of Coral Gables*



The City of Coral Gables deployed intuVision VA to analyze vehicle and pedestrian traffic and parking around downtown areas to provide their citizens a targeted quality of life improvement. They used a combination of intuVision Edge, embedded in Axis cameras, and intuVision VA (server-side analytics) to analyze and collect data for vehicle and people traffic flows and usage of street side parking. The data collected by intuVision system is stored into the city’s central database using the convenient intuVision Web API.

**City of Coral Gables** has an advanced IT infrastructure to host video analytics and knowledgeable staff to operate the system and use the data in their customer facing elements.

### Equipment-at-a-Glance

**Software:** intuVision VA Traffic v.12.0 intuVision Edge v.6.1

**Hardware:** COTS server, ~40 Axis IP cameras



### Smart City with intuVision VA

- People counting provide metrics for active areas of downtown
- Vehicle turn counts help analyze the traffic flows
- Street side parking spot monitoring determines parking availability

### Benefits

- All-in-one solution for video surveillance and analytics
- Reliable operation with no day-to-day maintenance
- Savings in personnel time
- Easy integration with the existing applications through the Web API

# intuVision User Story: Smart City Traffic

*"intuVision's in-camera and the server-side analytics count vehicle and pedestrians from our existing video cameras and provide us reliable traffic data to help improve city's operations and services."*

*Efrain Fleites, IT Network Analyst I,  
City of Coral Gables*



## Deployment Description

Cameras are located throughout the city several using intuVision Edge analytics in Axis cameras to count vehicles and people in relatively less busy areas. Video from busier downtown areas is analyzed using intuVision VA Traffic once it is streamed to a centralized server where intuVision VA is installed. According to the city requirements most cameras are focused on counting vehicular traffic on the streets and determine turn counts at the intersections. Some cameras are used for counting pedestrians as they enter/exit a particular area. Lastly, a few cameras are used to determine street side parking availability which using intuVision VA Parking occupancy analytics.

All the count and parking availability data gathered by intuVision VA is stored in a database and is accessed via the intuVision Web API to be utilized by The City of Coral Gables data processing center in their customer facing elements.

