

intuVision VA Parking offers a low-cost solution for collecting, analyzing and reporting vehicle parking data while providing safety and security monitoring in parking garages or lots.

Flexible deployment options makes intuVision VA an easy add-on to any parking garage or lot system.

## Monitor vehicle activity, report spot availability or

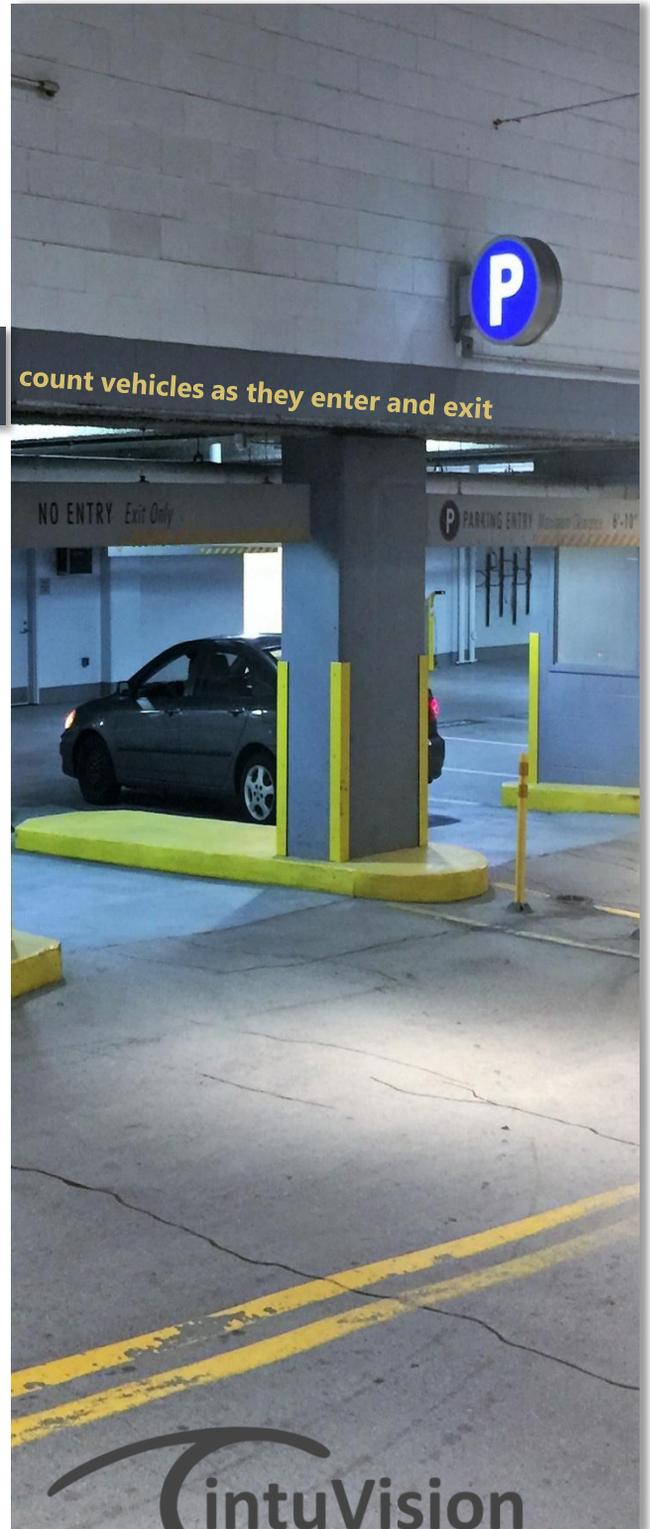
intuVision VA's patented algorithms deliver high accuracy occupancy counts in both multi level garages or parking lots.

- Automated parking spot monitoring
- Custom API to report spot availability
- Reporting violations and security threats
- parking lot/garage safety and time efficiency

## Parking Area Security and Safety

In addition to occupancy detection and availability reporting, intuVision VA Parking features a wide set of event rules from detecting speed violations in the parking areas to alarming on wrong direction travel, idle vehicles on the driveways, pedestrians using vehicle entrance /exit areas or detection of smoke and fire in the parking area. intuVision VA Parking alerts personnel to accidents, threats and violations in real time to prevent damage to people and property .

Please refer to intuVision VA datasheet for general system information, integrated VMS's and 3<sup>rd</sup> party devices.

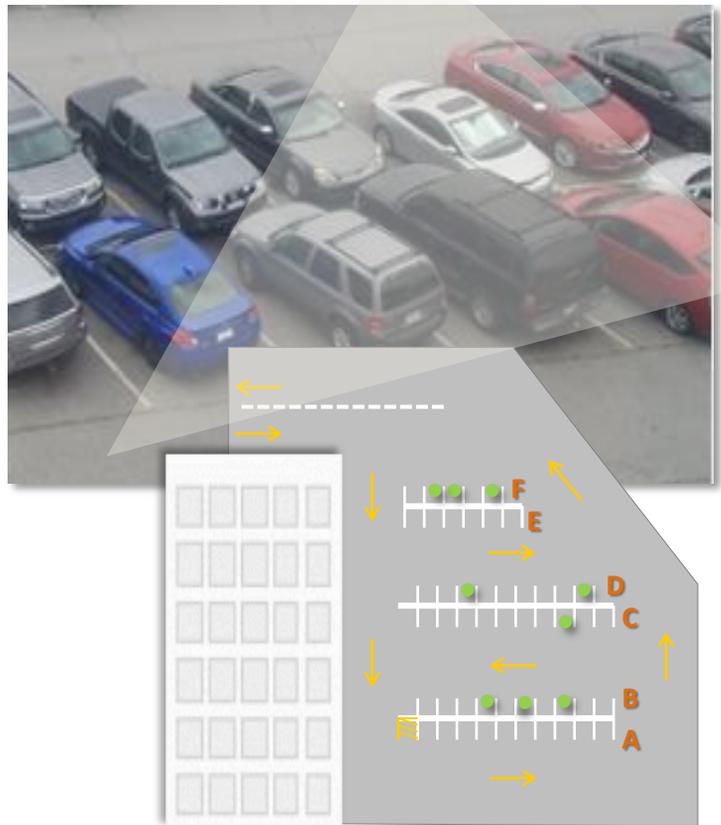




## Spot-Based Occupancy

intuVision VA Parking provides park row templates that can be fit to the parking lot to detect available and occupied spots. The status for each spot is updated in real-time for accurate reporting of the parking availability.

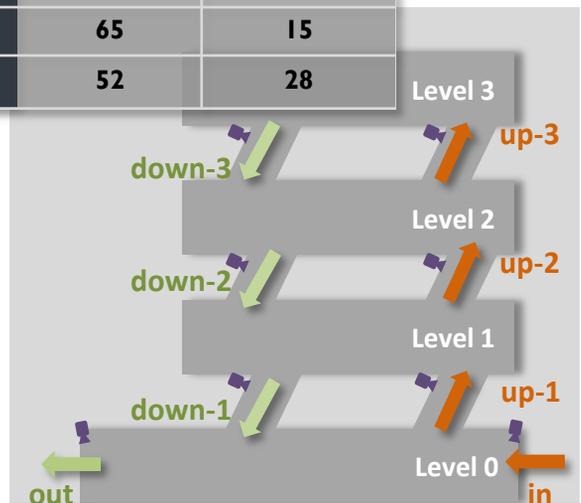
The spot status updates can be displayed on a parking lot map. Additionally, parking lot or spot availability status can be shared with 3<sup>rd</sup> party displays or applications using the intuVision API.



## Garage Level-Based Availability

Overall occupancy and parking space availability can also be tracked in demarcated parking lots from entry/exit cameras or for each level of a multi-level garage. intuVision VA updates the level based spot availability in real time and this information can be ingested by 3<sup>rd</sup> party systems including displays.

Garage	Occupancy	Availability
Level 0	74	FULL
Level 1	71	9
Level 2	65	15
Level 3	52	28





Event Rule	Description
<b>Activity</b>	Detect people or vehicular activity
<b>Camera Tampering</b>	Detect when a camera view has been obscured or blocked, either unintentionally or maliciously
<b>Direction</b>	Detect vehicles or people moving in a user specified direction
<b>Enter/Exit</b>	Detect vehicles or people as they enter or exit an area
<b>Idle Object</b>	Detect boxes or other objects left in the garage driveways
<b>Intrusion</b>	Detect when an object enters into a restricted area
<b>No Exit</b>	Detect if a car has parked and no one has left the vehicle
<b>No Parking Zone</b>	Detect vehicles parking in a no parking zone or a handicapped spot
<b>Occupancy</b>	Monitor parking spot/space availability
<b>Park Duration</b>	Detect if a vehicle has been parked in a reserved or visitor spot for longer than the allowed duration
<b>Smoke/Fire Detection</b>	Visually detect fire and smoke in camera views
<b>Speeding</b>	Detect speeding vehicles or fast moving people
<b>Stopped Vehicle</b>	Detect vehicles stopped in areas they are not allowed to stop & wait
<b>Throughput</b>	Detect vehicles or people crossing user specified edges of the zone
<b>Vehicle Counting</b>	Reliably count vehicles during the day and at night
<b>Wrong Way</b>	Detect vehicles or people going against the flow of traffic