

# FALSE ALARM DETECTION



## AUTOMATION

Automatic detection of true and false alarms by the local video processing units connected to a central back office



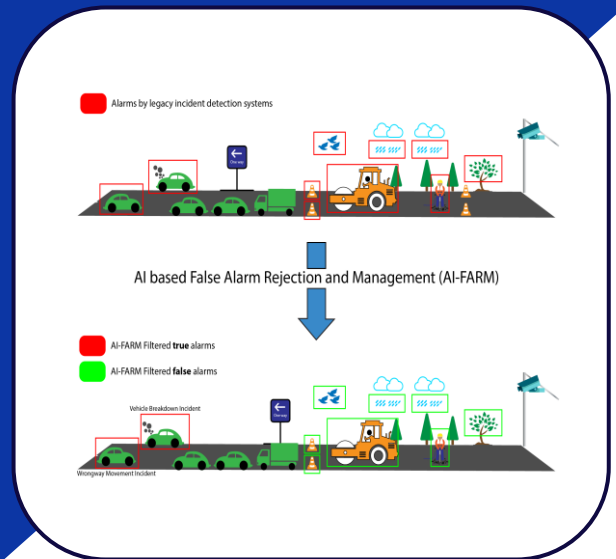
## END TO END

End to end solution which includes AI based filtering detection, central management software, alarm export to 3<sup>rd</sup> party systems



## HIGHLY ACCURATE AND EFFICIENT

Delivery of most accurate incident detection events containing images along with data and time stamp



*“By removing expensive barriers to entry, cities worldwide can provide their citizens with a number of civic services, including fair parking and guidance solutions, as well as ensuring they are safe and clean to live in.”*

**Subhash Challa, CEO - SenSen Networks**



*“Parking officers can identify valid visitors within parking facilities through whitelists and blacklists.”*

Secure Parking, New Zealand



*“Monitor and control all vehicles within parking facilities, and alert security to vehicles of interest.”*

City of Las Vegas, United States



*“The City Council wants to identify illegal parking faster to improve traffic condition.”*

Nelson City Council, New Zealand



*“GeminEYE offers intelligence for parking enforcement, and permit management.”*

United Public Safety, United States

# Why our solution ?



## THE SENSEN SPOT SPEED DETECTING LPR

The solution is a novel system for Incident Detection and False Alarm Filtering by maximizing true positive detection rate and minimize false positive detection rate by handling different scenarios.

## SOLUTION HIGHLIGHTS

- AI ML enabled incident detection system
- Superior performance in different weather and lighting conditions.
- Multiple video processing Units (VPU) can be deployed to process 1000's of camera in parallel
- Delivery of most accurate incident detection events containing Images along with date and time stamp.
- End to end solution which includes AI based filtering detection, Central management software, Alarm export to 3rd party systems.

## KEY FEATURES

- High accuracy
- Processes the alarm video clips to classify as true or false alarm
- Filters the false alerts with an output reason
- Ease of installation & commissioning
- Minimal ongoing maintenance
- System differentiates between humans and other objects to avoid false alarms.

## KEY BENEFITS

- AI ML enabled incident detection system
- Superior performance in different weather and lighting conditions Instantaneous speed enforcement
- Fully automated violation detection with local Video Processing Units Flash units for illumination using minimum power
- Takes alarms from legacy incident detection cameras as input, rejects false alarms) only and outputs true alarms
- Extensive analytics on key indices

## BUSINESS OUTCOMES

- Improved false detection rates
- High processing and operation flexibility in a cost-effective manner

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