

# Video Tolling



## High Performance

Live video analyzed in real time



## Real – time intelligence

Detailed vehicle counting and classification in various operating scenarios



## EASY INTEGRATION

Easy integration with 3<sup>rd</sup> party interfaces which are part of highway and tolling applications



*“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**

# Why our solution ?



## THE HIGHLY ACCURATE LANE OCCUPANCY SOLUTION

A state-of-the-art traffic monitoring automated system using high resolution cameras, thermal vision and video analytics that results in pinpoint accurate vehicle data for optimum traffic lane management.

### SOLUTION HIGHLIGHTS

- Live video analyzed in real time
- Recognizes trucks, cars, motorcycles
- Counts and classifies each vehicle
- Operates in all weather conditions
- Accurate detection across multiple lanes
- Provides data which can be used for optimum traffic lane management

### HARDWARE FEATURES

- CAMERA - The color camera and thermal camera are used in tandem for vehicle classification and count
- MULTI-LANE – high resolution images providing excellent recognition
- PERFORMANCE – best-in-class with fifty HD images per second
- RUGGED – high grade metal enclosure with simple installation options
- HD IP – GigE Ethernet connectivity for fully digital raw images

### SOFTWARE FEATURES

- Multi-lane Multi-object tracking and detection
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- Vehicle counts and classification data can be accessed remotely
- Exceptional performance under low bandwidth conditions

as well with no data loss

- Robust proven architecture to handle communications

### BUSINESS APPLICATIONS

- Vehicle traffic counting and classification for a variety of applications.
- Traffic Surveys fixed periods of 1 day or longer.
- Analysis of offline videos to support concerns on infrastructure development at key areas of high traffic.
- Integration with SenSen other applications related to highway speeding like speed based on requirement.

SenSen Networks Group PTY LTD

Level 1, 9 Harper Street, Abbotsford,

Victoria, 3067 Australia

Website - [www.sensen.ai](http://www.sensen.ai)

Melbourne

(+61) 3 9417 5368

Sydney

(+61) 3 9417 5368

India

(+91) 40-29882270

Singapore

(+65) 9624 9834

[sales@sensen.ai](mailto:sales@sensen.ai)