

Mobile Cameras & Sensors



The next evolution in parking enforcement

World's most advanced, award winning, fully automated, end-to-end Civic compliance and Enforcement solution.



Improve staff safety on duties

Eliminate the need for foot patrol, which is slow, inefficient and potentially dangerous.



Improve Productivity of parking operations

Expand coverage to include all areas. All the enforcement officer needs to do is drive the vehicle.



"Council has worked collegially with SenSen to deliver a product that is not only innovative but also tailored to meet business needs, integrating the solution with other parking technologies, enhancing the technology to be used in high-density city areas. I would recommend SenSen to any government or private organisation."

Top-five Australian Council



Brisbane City Council
Australia



Greater Geelong City
Australia



Logan City Council
Australia



Brisbane City Council
Australia



Ipswich City Council
Australia



Land Transport Authority
Singapore



City of Las Vegas
United States



City of Calgary
Canada



Chicago Meter Parking
United States



Automation on the Edge

AUTOMATIC VIOLATION DETECTION

- Ability to detect various kinds of by-law violations with number plate recognition in real-time
- Near 100% OCR and centimetre-level GPS accuracy in both day and night, and all weather conditions

IN VEHICLE DASHBOARD

- Live detections and violations display
- Audible alerts
- Camera preset controls
- Automatic enforcement in the vehicle itself

LOCAL DATABASE

- Database to store vehicle detections and violations
- Automatic synchronization of the violations with cloud BOS
- Automatic erase of the non violating data

Advanced Cloud BOS

VIOLATION REVIEW & EXPORT

- Multi-level review of conclusive evidences
- Correction of the data with notes
- Infringement life cycle management softwares
- REST API for 3rd party systems to pull the violations
- Integration with Print and Post services

VEHICLE OWNER LOOKUP INTEGRATION

- API based integration
- Manual export and import of owner details

INFRINGEMENT TICKET PROCESSING

- Privacy masking (Manual and Automatic options)
- Ticket generation as a PDF file

BUSINESS INTELLIGENCE

- Analytics Dashboards & Reports
- View and search Events & Alerts

Work in Urban Environments

ENVIRONMENT MAPPING TECHNOLOGY (EMT)

- Ability to understanding environmental features such as street signs, buildings and landmarks
- Intelligently build an up-to-date street view allowing devices to precisely determine where they are using only a camera

EMT REPLACES GPS

- In big cities, direct GPS signals are blocked by the buildings causing inaccurate geopositioning.
- EMT memorizes the scene and knows the exact location when the camera sees the same scene again.

HYBRID MODE

- Auto switch to the EMT mode where GPS positioning accuracy is degraded
- Switch back to the normal mode where EMT is not needed

Business Values

FLEXIBLE SET UP & OPERATION READY

- Unique hardware design which is compatible with every vehicle
- AI powered rapid learning and superior performance
- Violation detection in the car itself
- Predetermined zones, bus lanes, clearways, no parking zones and more

WORK EVERYWHERE

- Foot patrol is slow, inefficient and potentially dangerous.
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ELIMINATE THE NEED FOR FOOT PATROL

- Foot patrol is slow, inefficient and potentially dangerous
- Parking enforcement can be expanded to include all areas

COMMUNITY SAFETY

- Identify behavior for civic compliance
- Reduce the use of illegal spaces, hence less congestion

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