

Smart Roadblock Solution

An Advanced Solution for Efficient, Real-Time Enforcement.

The Syntell Smart Roadblock System is a high-tech, mobile enforcement solution designed to assist law enforcement in managing road safety efficiently. It combines Automatic Number Plate Recognition or ANPR technology, with robust data connectivity to identify and address violations in real-time, reducing roadblock queues and enhancing public safety.

Syntell's ANPR technology uses high-resolution cameras to capture and recognise vehicle license plates as they approach roadblocks. This data is immediately checked against multiple databases, flagging vehicles with violations such as unpaid fines, warrants or expired licenses or even stolen or cloned plates, allowing officers to act promptly. Alarms are generated within 2 seconds of the vehicle approaching the speed hump at the entry of the roadblock.



System Connectivity and Data Integration

The Syntell Smart Roadblock System is fully networked for seamless data integration and instant updates.

Features Include:

- ✓ **Live Database Access** through the onboard server which connects to both national and regional databases like NaTIS and SAPS, enabling officers to conduct real-time checks on outstanding warrants, stolen vehicles and other violations.
- ✓ **Cross-Referenced Data Alerts:** All Vehicle information captured by ANPR is matched against multiple data points, triggering alerts for any violations or irregularities.
- ✓ **Customisable Data Uploads:** The system allows law enforcement to add area-specific data, tailoring the platform to meet local enforcement and jurisdiction needs.
- ✓ **Efficient Data Processing:** Violations are flagged instantly, reducing waiting times and enabling officers to handle a higher volume of vehicles at each roadblock.

What are the benefits of using the Syntell Smart Roadblock System?

- ✓ **Real-Time Violation Alerts:** Flags serious offenses, such as stolen vehicles or expired roadworthiness, allowing immediate response from officers.
- ✓ **On-Site Capture and Payment:** Issue fines, summonses or execute warrants directly at the roadblock, with flexible options for offenders to pay fines on-site or online.
- ✓ **Instant Vehicle Clearance:** Vehicles without violations are quickly cleared, improving roadblock flow and reducing delays.
- ✓ **Able to operate day or night,** allowing for extended operations for more impactful policing.



How does the Syntell Smart Roadblock System work?

- ✓ ANPR cameras capture license plates as vehicles approach.
- ✓ Information is checked across integrated databases for any infractions.
- ✓ Violations are flagged instantly, allowing officers to take action while compliant vehicles are waved through.
- ✓ Law enforcement can issue fines or summonses on the spot, with on-site and online payment options available.

Take control of your roads again.

With more than 25 years of supplying Smart Roadblock technologies nationwide, the Syntell Smart Roadblock System has built a proven track record of efficiency. Additionally, there are undisputed improvements in enforcement compliance, while increasing Local Authority finalization rates.



**For more information on the
Smart Roadblock System**

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