



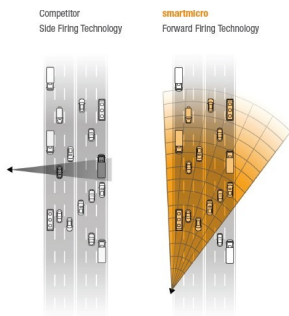
SMART CITY

Thoughtful Smarter City Living

Smart Radar

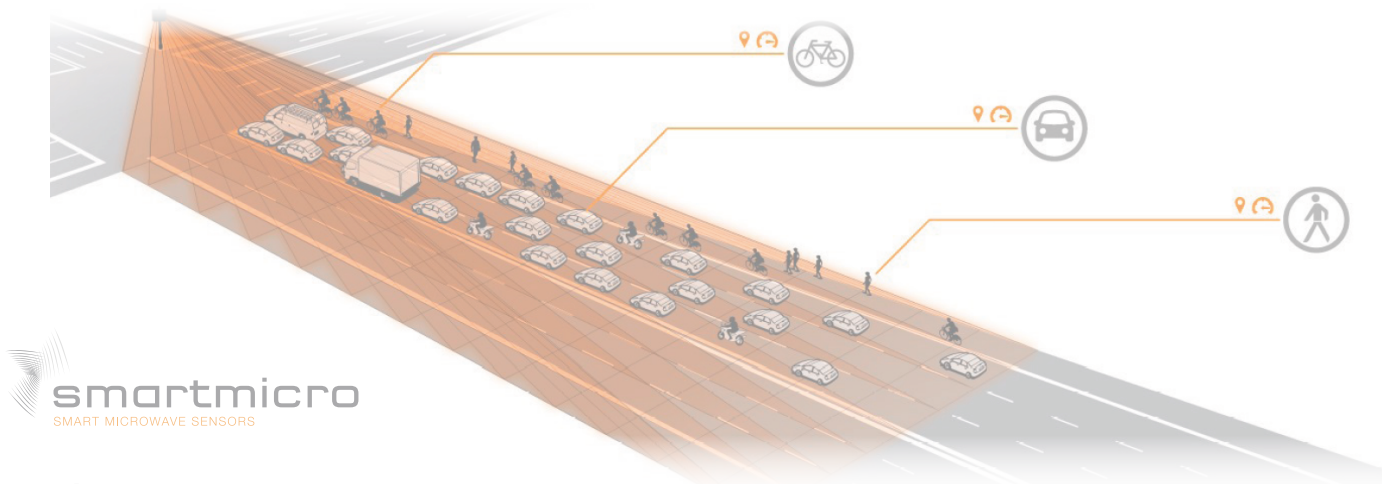
Detection + Classification + Collection

TRUGRD Stream, Smartmicro radar sensors for intersection management outperform competitors in accuracy and reliability. The combined stop bar and advance detection (Stop+Advance) with one sensor saves significant hardware and installation costs.



Whether the road is straight or curved, our sensors reliably detect and classify pedestrians, bicycles, motorbikes, passenger cars, transporters, buses, and trucks.

Our high definition (4D/HD) and ultra-high definition (4D/UHD) sensors enable adaptive control strategies for intersections: With their lane-specific advance detection, our radars achieve **best-in-class performance** even in congested traffic conditions.



Radar vs Loops

Radar	Loops
Pavement integrity maintained	Replace every 5 years at significant cost
Loop detector and vehicle classifier	Poor aesthetics due to Installation process
Safer easier installation and maintenance	Unsafe working environment
Lower whole of life cost	Cost of delay to business due to repair
Flexibility of configuration	Traffic disruption due to corridor upgrades
Temporary installation	Significant traffic management costs
21st century technology	50 year old technology
Small devices - almost unnoticeable	Compromises integrity of pavement & reduces asset life
Works in all weather conditions	



The Smart Radar is **today's most advanced radar technology** specifically designed for traffic management. Forward facing smart radar is **flexible and accurate**. The sensors feature the **most advanced multi-vehicle and multi-lane tracking** available. With highest detection performance and excellent accuracy of count.

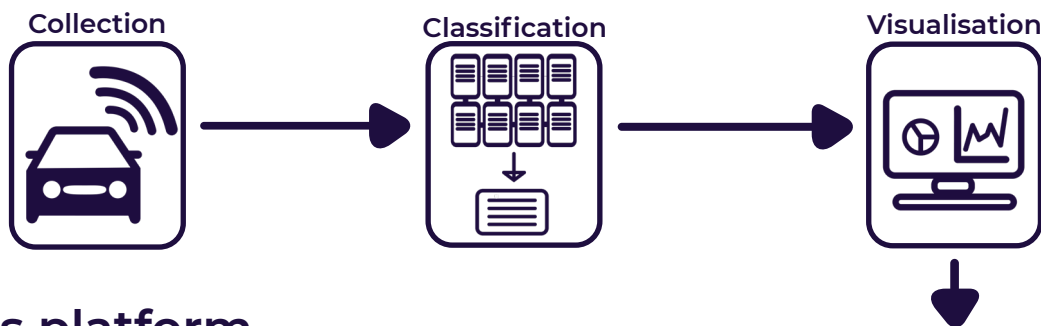


We can **collect our traffic data** from the Smart Radar directly as well as from other built in MAC address scanners like: **Bluetooth (LE, Connected and Discoverable)** and **Wi-Fi** using our IoT device. This allows access to **real-time data for traffic monitoring and adaptation**. Powered by either solar power supply or fixed supply and being LTE based the **feasibility of installation** is easily recognised.



Our analytics platform **connects multiple smart data collection devices** i.e. Smart Micro Radars, M64's and VMS from various manufacturer types and **allows the end user to visualise all data collected onto a single platform**. Layering live data through AI allows Transport Departments to make **informed decisions on provisioning for future upgrades** along the road corridor or areas of concern.

Solution



Analytics platform



One system to detect, classify and collect data. To help you deliver smarter, safer, networks.