

# Dwell Time and Zonal Occupancy Monitoring

SERVICE BROCHURE



# Dwell Time and Zonal Occupancy Monitoring

How road space is used matters as much as how traffic moves through it.

Our Dwell Time and Zonal Occupancy Monitoring helps local authorities understand how long vehicles spend within a defined area and how many vehicles occupy that space at any given moment.

This provides a clearer, evidence-led view of kerbside activity, queuing behaviour, loading bay use and stop-level delay.

## What We Monitor

Our CitiSensors monitor defined areas of the highway to understand how vehicles are using road space in real time.



### Dwell Time

Measures how long individual vehicles spend stopped or moving slowly within a defined area.



### Zonal Occupancy

Measures how many vehicles occupy a defined space at any given time.

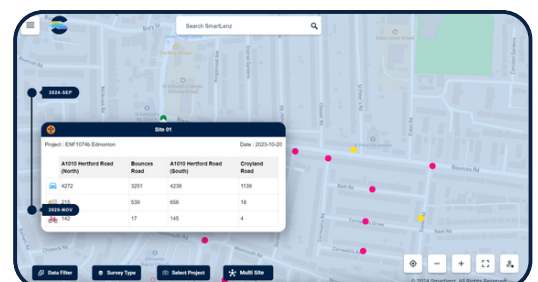
Together, these insights help authorities understand whether a location is being used as intended, where delays are building and where intervention may be needed.

## Smart Lenz Dashboard Outputs

All data is presented through the Smart Lenz dashboard, giving councils a clear view of how a space performs across different times and conditions.

Outputs include:

- Vehicle dwell time
- Occupancy levels within defined zones
- Classified vehicle data
- Queuing and stopping behaviour
- Time-based trends
- Dashboard charts and summary reporting
- Integration with flow and journey time data where required



# Supporting Better Kerbside Decisions

Dwell time and occupancy monitoring provides evidence to support:

-  Loading bay reviews
-  Kerbside management strategies
-  Bus stop and taxi rank monitoring
-  Queue and delay assessment
-  Parking and servicing studies
-  Traffic management interventions
-  Before and after scheme evaluation
-  Enforcement and policy decisions



This gives authorities the evidence needed to understand where controls are working, where they are not, and where targeted changes would have the greatest impact.

## Why Citisense?

We replaces short, manual observation surveys with continuous, classified and evidence-led monitoring.

### Key benefits:

- Continuous monitoring of defined zones
- Real-time insight into road space use
- Classified vehicle type data
- Clear dashboard outputs through Smart Lenz
- Ability to combine with flow and journey time data
- Stronger evidence for kerbside and network decisions
- Specialist interpretation and reporting from transport experts

Understand how road space is really being used, not just how traffic passes through it.

**Get in touch today!**

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## CONTACT US

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