TRACSIS

Smart Temporary Surveys
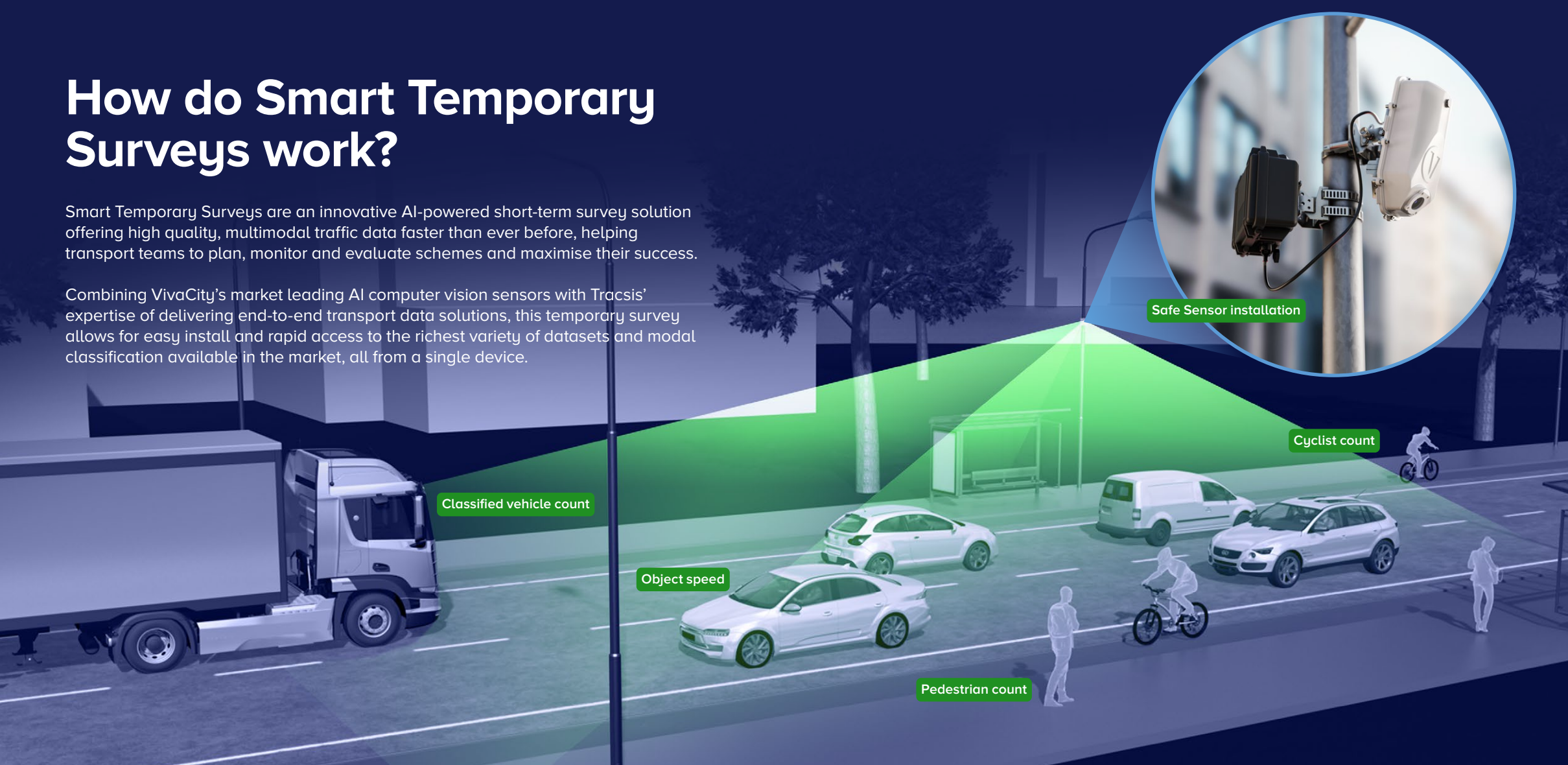
How do Smart Temporary Surveys work?

Smart Temporary Surveys are an innovative AI-powered short-term survey solution offering high quality, multimodal traffic data faster than ever before, helping transport teams to plan, monitor and evaluate schemes and maximise their success.

Combining VivaCity's market leading AI computer vision sensors with Tracsis' expertise of delivering end-to-end transport data solutions, this temporary survey allows for easy install and rapid access to the richest variety of datasets and modal classification available in the market, all from a single device.

Safe Sensor installation

Cyclist count

Classified vehicle count

Object speed

Pedestrian count

Data on Demand

Battery powered, with the capability of undertaking surveys from a few days up to a few weeks, Smart Surveys are designed to deliver the richest AI generated survey data, **as soon as the survey ends**.

They use Machine Learning algorithms to recognise different types of road users, including pedestrians, cyclists and vehicles, within the sensor field of view and track them from frame-to-frame.

Over 150 transport authorities have permanent versions installed to understand road user behaviour and support infrastructure changes.

Visit **tracsistraffic.com** or email **traffic@tracsis.com**

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Benefits of Smart Surveys

Time to Data

Access to short term transportation survey data as soon as the survey is over, via a spreadsheet or team-wide online dashboard access.

Fully GDPR Compliant & Reliable

Anonymised data collection with on-edge AI processing and an independently verified 97% accuracy rate in the day and night time.

Rich Datasets

Standard datasets include classified counts, traces (journey path), turning counts, with options for speed, occupancy, journey times (origin and destination), and more.

Multimodal Classification

Understand the behaviour and trends for active travel modes (pedestrians, cyclists, e-scooters), motorbikes, cars, taxis (black cabs), buses, vans, L/HGVs, OGV1&2.

Cost-effective & Easy Installation

Above-ground, battery powered sensors allow for easy and quick installation / removal, only requiring existing furniture such as a lamp post or traffic light pole, with minimal disruption to traffic or damage to the road infrastructure.

Live & Remote Access

Remotely check the sensor view and data capture for accuracy day and night, and add new features and datasets via the cloud anytime.

Aligned Datasets

Align the methodology between permanent strategic monitoring sites and ad-hoc data collection. The data is also available in different formats to match existing data banks.

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Technology Makes It Possible, People Make It Happen

Talk to our team to discuss your project or for a demonstration of our capabilities

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