

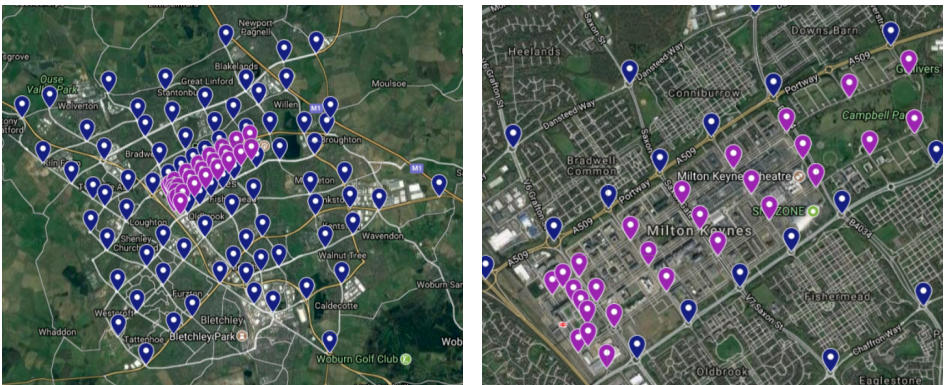
C ITS - Milton Keynes Transport Information System

PROJECT TITLE

Milton Keynes Transport Information System

PROJECT OVERVIEW

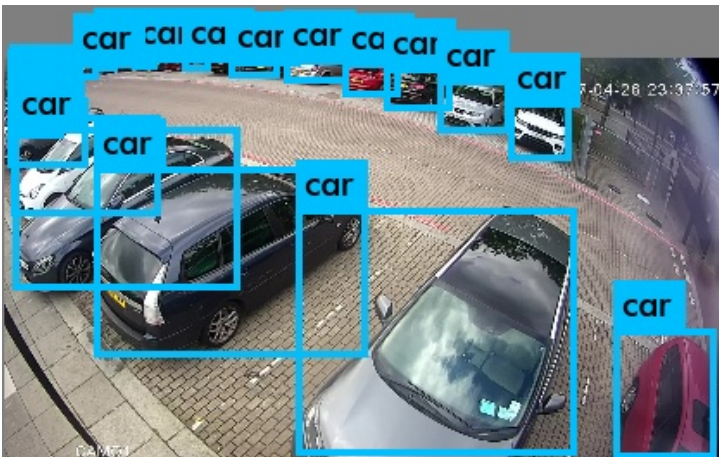
To transform the provision of real time transport information within Milton Keynes delivering a fully integrated smart city system, gathering and distributing real-time data about the “busy-ness” of the city.



DELIVERABLES

The sensor network is essentially a series of intelligent cameras, each of which takes still images & uses the latest computer vision / machine learning techniques in order to extract information about the presence of vehicles.

- Real Time Information
- Smart Parking



COLLABORATIVE APPROACH

Milton Keynes have teamed up with Vivacity

Sensor deployment and data capturing, including grant funding from C ITS.

MK:Smart program

Sensor rollout will occur between October and February – with the data feeds expected to all be live by March 2018.



The data will be fed into MK;Smart hub and application developed (“MotionMap”) will be available to download on smart phones. Core current functionality includes:

- a) One-touch “find me a car parking space nearby”, and
- b) “Show me where there is parking availability in MK”

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BENEFITS: TRAFFIC

Assess Transport System Resilience

Improve future disruption.

Modal Shift

MotionMap and other communication channels, used to promote alternative modes of transport.

Transport Strategy Model

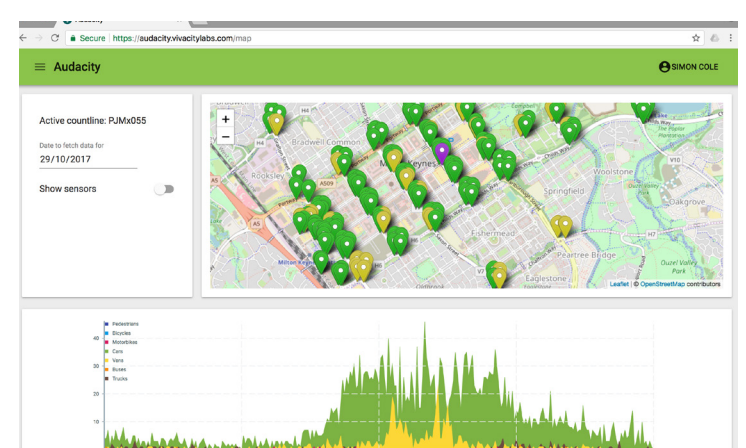
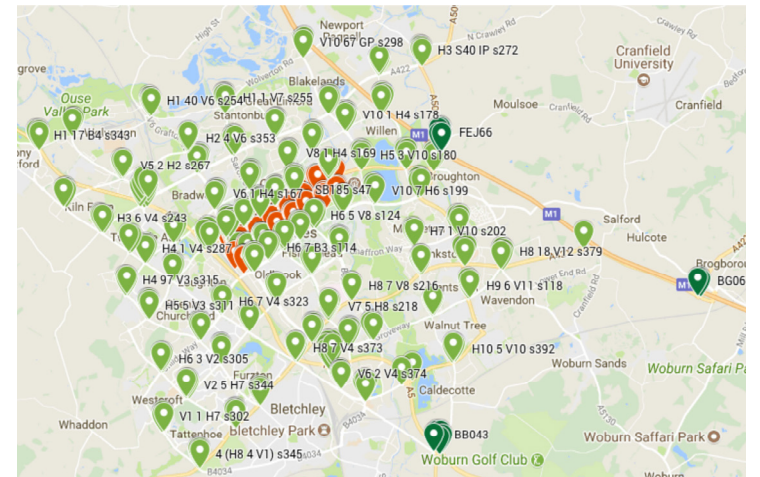
Costs of remodelling dramatically reduced. This will enable quicker, better assessment of the transport network.

Real-Time Strategic Dashboard

Providing a detailed dashboard to interrogate real-time traffic.

Journey Time Saving

Opportunity to reduce travel times across the city over the coming years.



BENEFITS: PARKING

Real-Time Availability

Providing clear, real-time visibility of parking.

Predicted Availability

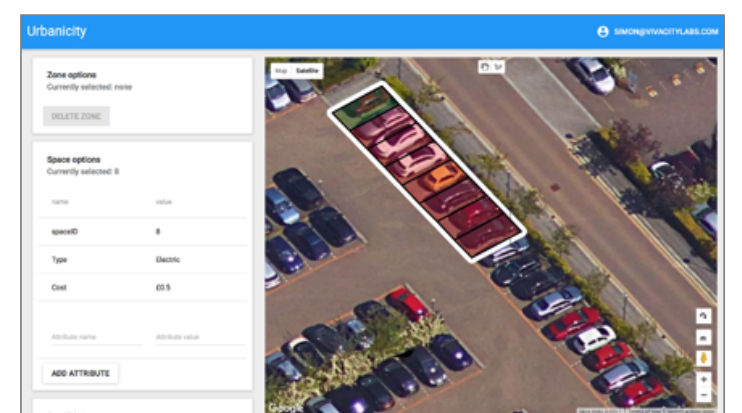
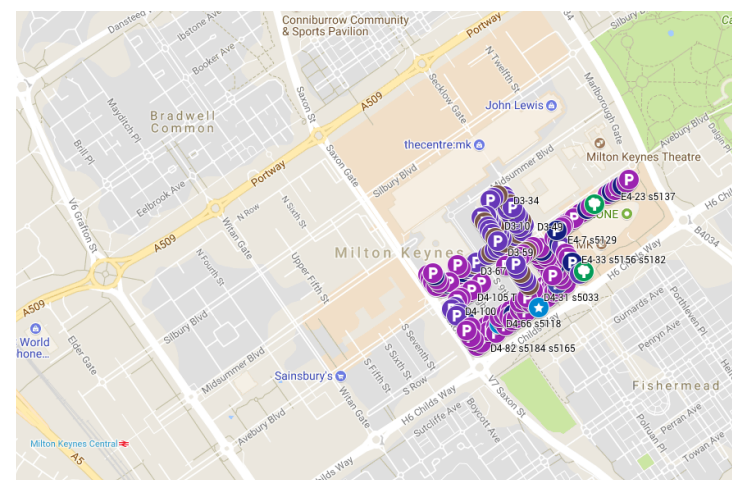
Providing a view of how busy the city centre is likely to be when drivers arrive.

Strategic Dashboard

Providing an overview of parking usage in Milton Keynes, both in real-time and as a historic average.

Dynamic Pricing

Enable the council to quantify the impact of pricing schemes more precisely.



PARTNERS

