nowwireless®

Easy-to-access traffic flow
and pollution data

Senseview

The digital dashboard for easy-to-access traffic flow and pollution information.

NOW Wireless **Senseview** aggregates and clearly displays data for UTMC collected from networks of on-street digital sensors, including CCTV images.

It means the power to see and understand traffic activity and urban pollution levels in real time over hours, days and longer.

The data, which is collected from city-wide networks of CCTV, pollution sensors and passing digital signatures, is turned by **Senseview** into an accessible dashboard presentation.

Information can be broken down and cross-referenced as required to show traffic trends, including vehicle type, time of travel and how long particular journeys took.
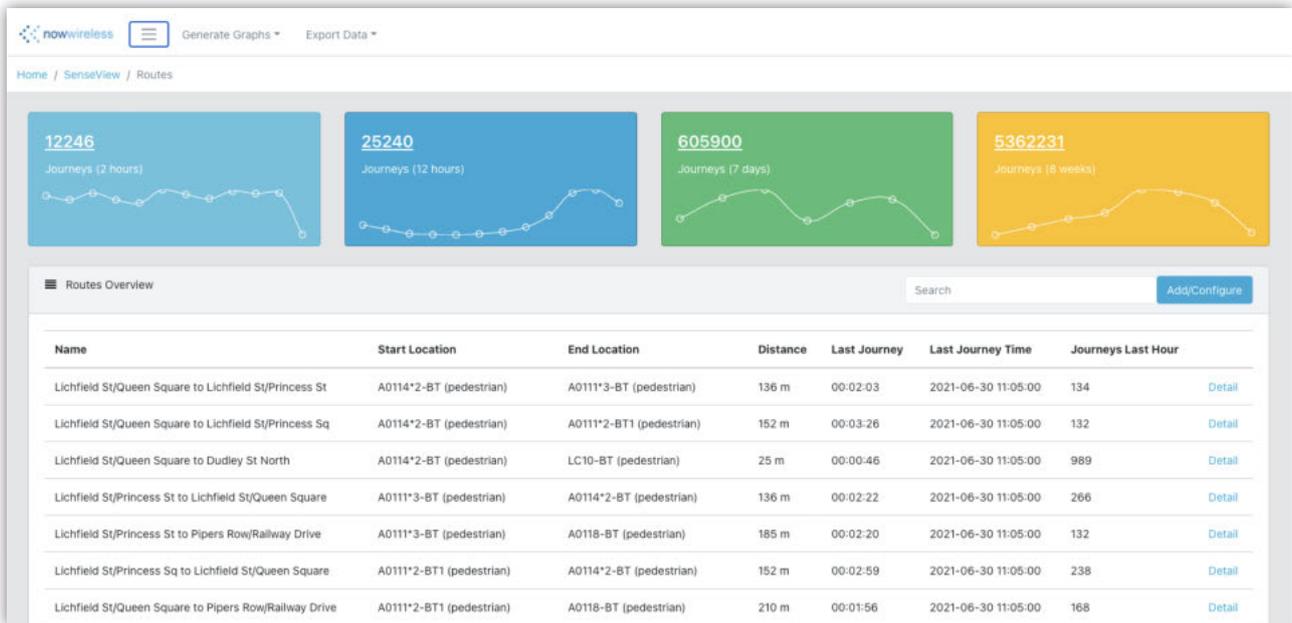
The need to monitor air quality, and particularly vehicle pollution, is a priority for cities as traffic volumes rise.

Senseview displays levels of pollution by type and volume from information picked up by pollution sensors. It will show whether and when there are breaches of national or local air quality standards.

Senseview data is available for real-time UTMC, including connection to a video wall of live CCTV images. It can also be used to take the long view, making it possible to spot trends and anticipate problems.

Example of Pedestrian Journey Times

As a traffic management tool, **Senseview** collects and collates data from tracking journeys through a combination of video image and unique user digital signature in vehicles as they pass through detection points.

Privacy is at the heart of everything we do, so no personal data is held. Digital signatures are scrambled immediately to guarantee anonymity for occupants whilst the vehicle itself is assigned a random tracking number.

Senseview can also link into the NOW Wireless machine learning Artificial Intelligence (AI). This separately gathers data from the same sensors and automatically acts on the information it analyses. NOW Wireless AI includes a vehicle classification data gathering process, cycle and pedestrian counting.

Senseview manages the data it gathers to give overviews of traffic volume, type and pollution.

As a platform, it will work with any sensors or AI already in place, so there is no need for costly upgrades or changes to existing equipment.

The data held on our server is free to access as part of the contract with NOW Wireless.

SenseviewCR

Advanced technology video walls for the full picture

SenseviewCR offers a fully integrated, co-ordinated sharing of CCTV information, helping to inform decisions and ensure an accurate response to incidents.

It also has the option to record, adjust cameras and playback so that no recorded moment is lost.

This complete range of functions is designed for use not just by UTMC, but also police and other emergency services.

SenseviewCR is a collaborative system that fully integrates its monitors with those run by other services, even in different locations, for response co-ordination.

Video from **SenseviewCR**, which is kept by the system for 21 days, can be exported into portable formats, such as CDs, for external use, including as evidence in court or at other hearings.

For more information about how NOW Wireless can meet your traffic management needs please call **01883 621 100.**

NOW Wireless Senseview and SenseviewCR technology means:

Priority given to road users, including cyclists, buses and pedestrians, as required.

Automatic response to actual and predicted pollution spikes.

Accurate information to allow policy decision makers to act quickly.

nowwireless®

Manufacturer and Supplier
of advanced AI City Solutions