MetroCount®

TRAFFIC DATA THAT MOVES PEOPLE

AUTOMATIC TRAFFIC COUNTERS

REAL-TIME DATA ANALYSIS

AUTOMATIC TRAFFIC COUNTERS/CLASSIFIERS

RoadPod® VT

Portable traffic counter with two rubber tubes for short-term road traffic surveys.

RoadPod® VT4

Portable traffic counter with four rubber tubes, enabling comprehensive data collection from highways and other multi-lane carriageways.

RoadPod® PhaseT

This counter is attached to traffic lights or rail crossings, using rubber tubes and an optical fibre connection to gather traffic data in relation to signal phases.

RoadPod® VP

Permanent vehicle counter with piezoelectric sensors. Ideal for major roads with heavy flows to provide continuous, lane by lane, seasonal data.

RoadPod® VL

Permanent vehicle counter using inductive loops for recording class, speed and volume data (model VL5810) or just traffic volumes (model VL5805).

RoadPod® VM

Tiny, unobtrusive and off-grid vehicle counters that can be permanently installed in a minute, and provide real-time traffic data through ATLYST®.

RidePod® BT

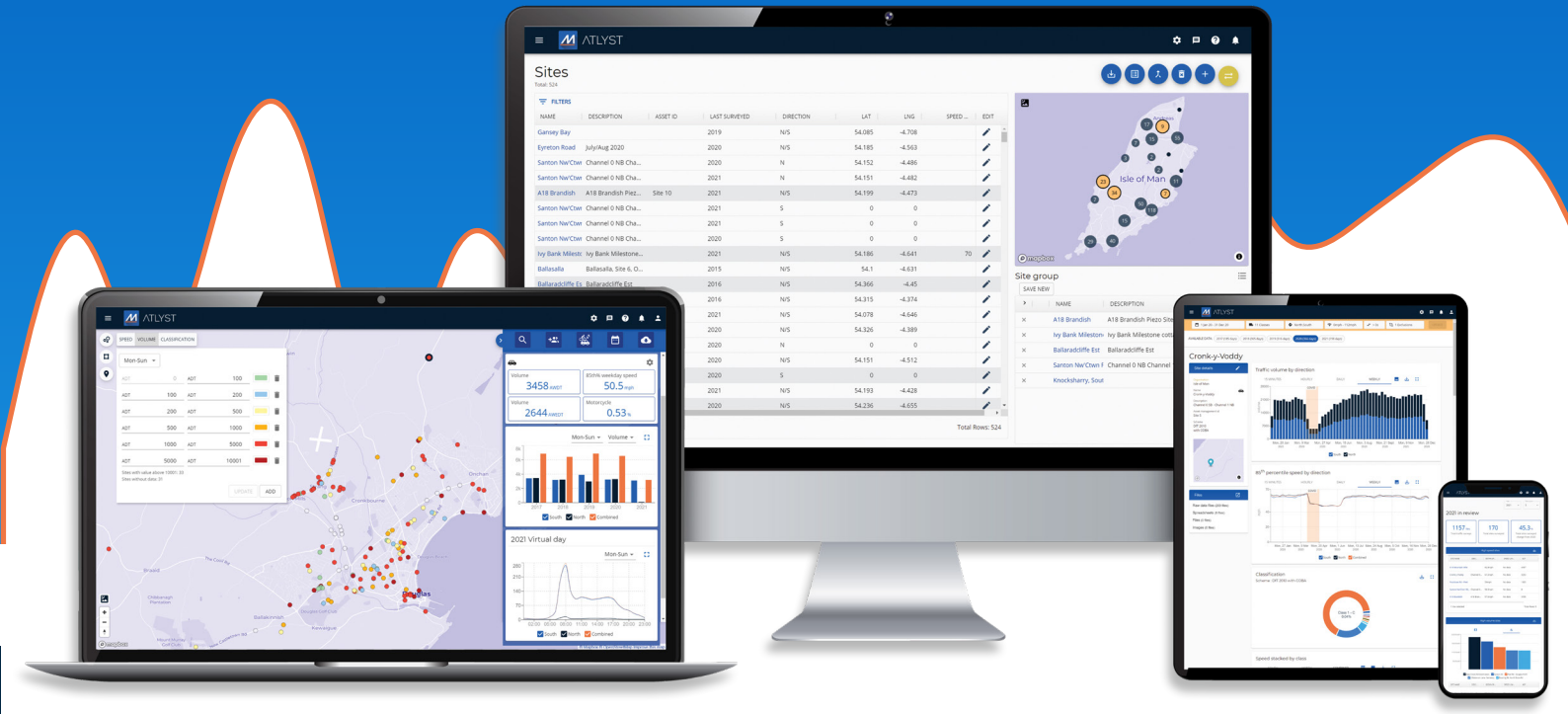
Portable bike counter with rubber tubes for short-term bicycle & scooter surveys.

RidePod® BP

Permanent counter gathering data on bikes, scooters & pedestrians with embedded piezoelectric sensors. Can be paired with RidePod® QR bike data display.

ATLYST®

powered by MetroCount Traffic Executive software



REVOLUTIONISING TRAFFIC SURVEY MANAGEMENT AND DATA ANALYTICS

ATLYST®

TRAFFIC ANALYTICS

INDIVIDUAL VEHICLE DATA

ATLYST uses the familiar and trusted MTE algorithms to generate statistics using data from each vehicle.

INTERACTIVE MAP VIEW

ATLYST uses editable colour schemes and three data layers (Volume, Speed and Class) to quickly and clearly display network-wide traffic behaviour, track changes and identify unusual patterns on a map.

AUTOMATED REPORT CREATION

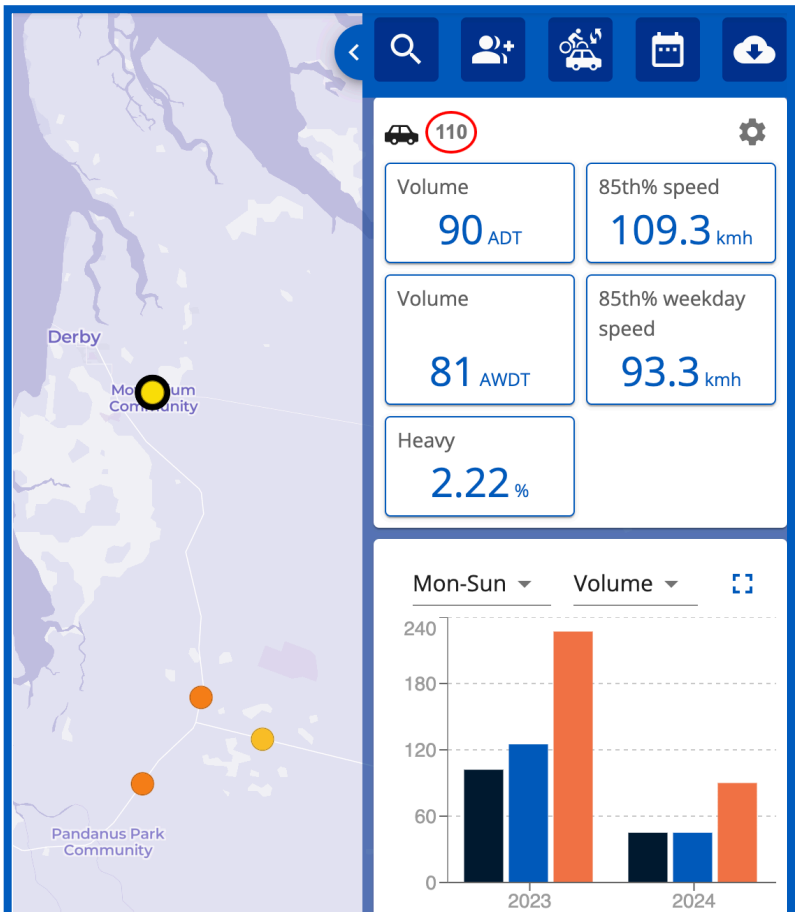
Get access to a detailed view of each survey site with one click, including the 85th percentile speed, ADT, peak hours, virtual days, etc. Apply filters to quickly reach specific information.

SMART MULTI-SITE COMPARISON

Store and access traffic data at the same location to quickly see changes over years. Select neighbouring locations for multi-site comparison.

VARIOUS DATA FORMATS

ATLYST securely archives your raw data files and exports statistics in PDF, CSV and XLSX formats.



ATLYST®

DATA AND SURVEY MANAGEMENT

AUTOMATED DATA VALIDATION

Drag and drop your .ec0 files into ATLYST to start an automated data quality control process. You will be notified if any anomalies are found.

SMART SITE EDITING

ATLYST uses built-in tools to enable easy changes to site details or merging of multiple datasets at neighbouring locations into the same site.

CONSISTENT SURVEYS

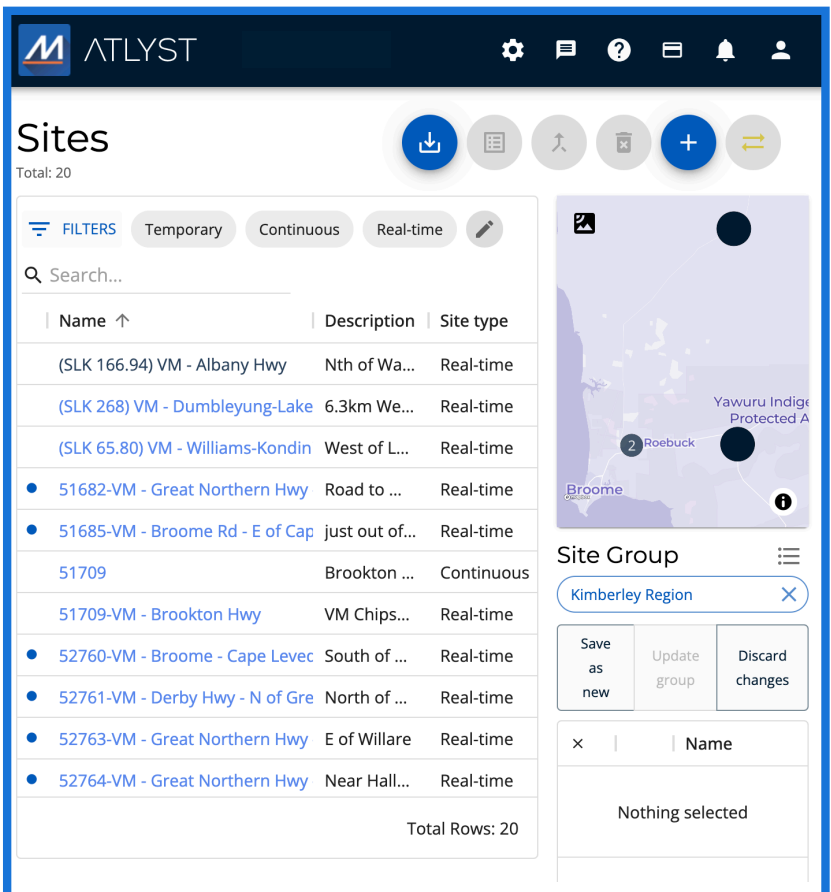
Easily create and send MTE Site Lists to your field team and contractors, ensuring replicated surveys use the same site details. Save time and keep your data organised.

SECURE DATAFILE ARCHIVE

Build your archive of raw data files in the Cloud for quick access and download from any computer, at any time, while retaining full data ownership.

QUICK GIS PLATFORM EXPORTS

Bulk export your data into CSV files for easy transfer



RoadPod® VT

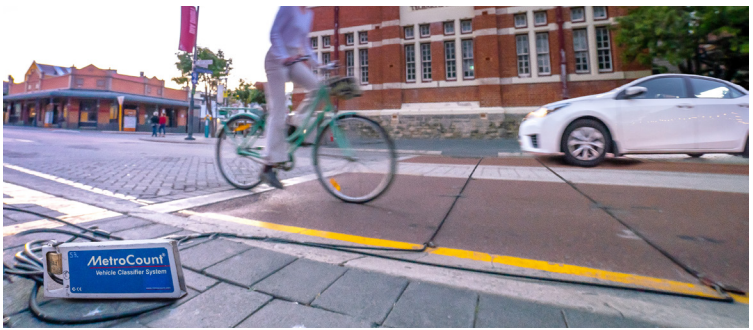
PORTABLE VEHICLE COUNTER & CLASSIFIER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VT system is used in over 120 countries. Renowned for recording up to 4 million vehicle axles with greater than 99% accuracy, it is the best solution for short-term traffic monitoring on the market.

Economical, easy to install & replace, two pneumatic tubes record traffic under a broad range of conditions. The counter has an expected lifespan of 10+ years.

Sensors: Two pneumatic tubes
Memory: Flash, up to 1 million vehicles
Battery life: Up to 4 years
Enclosure: Stainless steel road case
Remote Access Link: Optional



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RoadPod® VT4 PORTABLE FOUR-TUBE COUNTER & CLASSIFIER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VT4 is the solution for collecting comprehensive and accurate data from multi-lane roads, often used for monitoring highways.

With four tubes, one counter collects two datasets from two lanes, regardless of traffic direction. A combination of VT4s can simultaneously monitor up to eight traffic lanes in all weather and lighting conditions.

Sensors: Four pneumatic tubes
Memory: Flash, up to 4 million axles
Battery life: Up to 2 years
Enclosure: Stainless steel road case
Remote Access Link: Optional

RoadPod® VM

REAL–TIME PERMANENT TRAFFIC COUNTER

VOLUME | SPEED | LENGTH-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

RoadPod® VMs work in an array to accurately count vehicles in real time, monitor speeds and classify vehicle type based on the length of each passing vehicle. Gap and headway information is also available and all data is precisely time-stamped.

The RoadPod® VM was designed to be the simplest and fastest traffic sensor to install on sealed roads, taking just a minute for sensors to be permanently installed.

Sensors: Four, 3-Axis magnetometers per lane.
Memory: Unlimited (with Cloud connectivity).
250K vehicles with no connectivity.
Battery life: Unlimited. 100% solar powered.
Software: ATLYST® online analytics dashboard.

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RoadPod® PhaseT

VEHICLE BEHAVIOUR AT TRAFFIC SIGNALS

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & GAP | RED LIGHT VIOLATIONS

The RoadPod® PhaseT simultaneously collects traffic data (via tubes) and signal timings (via fibre optic cable) to paint a clear picture of road activity at traffic signals and rail crossings.

The PhaseT is often used to assess reaction times during the warning (amber) phase, to identify potential infringements, or to evaluate the effectiveness of signals. Data collected will highlight safety risks of red and orange light violations and speeding.

Sensors: Two pneumatic tubes and
Memory: Flash, up to 4 million axles
Battery life: Up to 2 years
Remote Access Link: Optional

RoadPod® VL

PERMANENT INDUCTIVE LOOP COUNTER

VOLUME | SPEED | LENGTH-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VL series uses loop sensors to detect vehicles entering and leaving an inductive field. This system can be economically retrofitted to existing sensors.

VL5810 model provides vehicle volume, class, speed, direction and other traffic-related data.

VL5805 model is ideal when volume data is sufficient.

Sensors: Two or four inductive loops
Memory: Up to 500,000 classified vehicles
Enclosure: Stainless steel cabinet with solar panel
Remote Access Module: Optional

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RoadPod® VP

PERMANENT PIEZOELECTRIC COUNTER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VP offers the highest level of accuracy and detail for a permanent monitoring solution. Designed for multi-lane data collection, the system uses two low profile piezoelectric strips embedded in the pavement.

The RoadPod VP is ideal for identifying seasonal trends, traffic changes over time, and determining adjustment factors for short-term traffic surveys.

Sensors: Two piezoelectric strips
Memory: Flash, up to 4 million axles
Enclosure: Stainless steel cabinet with solar panel
Remote Access Module: Optional

RidePod® BT

PORTABLE BICYCLE AND SCOOTER COUNTER

VOLUME | SPEED | CLASS | HEADWAY & TRAFFIC GAP | TRUE DIRECTION | BICYCLE CLUSTERS

The RidePod® BT is optimised for detecting bicycle and e-scooter axles with thin-walled pneumatic tubes for increased sensitivity.

In the MTE software included, every axle hit is used to accurately identify individual bicycles in clusters and distinguish bikes and e-scooters from all other traffic. This results in accurate volume, speed and true direction statistics.

Sensors: Two thin-walled pneumatic tubes
Memory: Flash, up to two million bicycles
Remote access: Optional
Software: ATLYST® online analytics dashboard

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ATLYST®

ACTIVE TRANSPORT DATA MANAGEMENT AND ANALYSIS

RidePod® QR

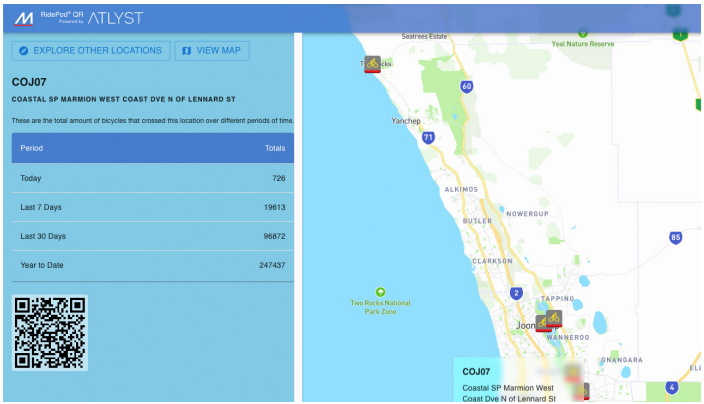
METROCOUNT BIKE DATA DISPLAY

VOLUME | SPEED | CLASS | HEADWAY & TRAFFIC GAP | TRUE DIRECTION | BICYCLE CLUSTERS

The RidePod® QR displays cycling data to the public via a scannable code on a customised sign at the edge of a path or bike lane.

Once scanned, an interactive map of all nearby public cycling data sites is viewable on any smart phone. Each site can display cycling volumes, speed, direction, gap and bike or scooter types.

RidePod QR is powered by ATLYST®, with data refreshed every 15 minutes, giving the public an up-to-date view of cycling movements in their city.



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RidePod® BP

BICYCLE, SCOOTER & PEDESTRIAN COUNTER

VOLUME | SPEED | HEADWAY & GAP | TRUE DIRECTION | BIKE CLUSTERS | PEDESTRIAN VOLUMES

The RidePod® BP is the device of choice for sustainable transport planning. Using two sensitive piezoelectric strips, this system is not affected by weather, light or temperature, ensuring accurate, continuous data gathering 24/7.

The sensors simultaneously detect and time-stamp each bicycle or scooter axle hit, accurately classifying even when in clusters. Pedestrian volumes are reliably recorded with analysis occuring afterwards in the MTE sofware and ATLYST®.

Sensors: Two piezoelectic strips
Memory: Flash, up to 1 million bikes and e-scooters
Enclosure: Stainless steel cabinet with solar panel

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