



VISION-MOBILITY

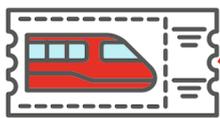
ACOREL offers a software suite that is essential to any automatic passenger counting solution for analysing the data collected by high-precision sensors.

YOU MAY BE WONDERING :

- > What is the load rate in real time?
- > What is the state of the vehicle fleet and the availability rate?
- > Which are the busiest stops, lines or routes?
- > How can you effectively analyse the use of a transport network?



Operational data



TICKETING



GTFS



SENSORS

VISION-MOBILITY ADVANTAGES :

- > Adjust supply to demand
- > Optimize resources
- > Inform passengers
- > Improve user satisfaction





BUS



TRAMWAY



STATIONS



APPLICATIONS

VISION-Mobility will enable transport operators to analyse their network using the ridership data collected. Thanks to this analysis, they can optimise their transport offer by adapting it to demand and continually improving service quality.

RIDERSHIP

Measuring footfall in real time (boarding/alighting, details by type: adults, children, bicycles, etc.)

Measurement of the charge rate in real time or using historical data (vehicle load)

Availability rate measurement

SUPERVISION :

Complete fleet supervision (equipment service rate and sensor status)

Central system supervision

COUNTING QUALITY AND DATA EXTRAPOLATION:

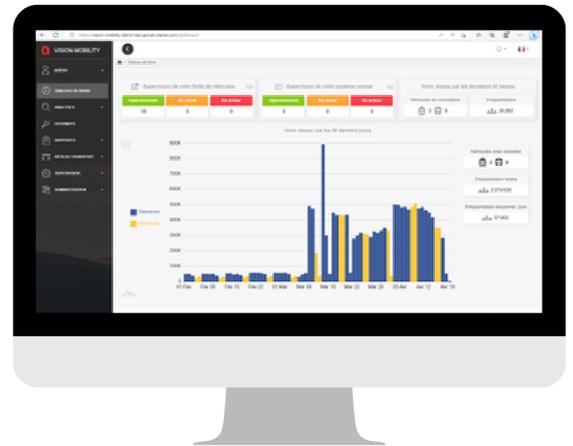
Extrapolation algorithm

Operation: stopping times, determination of departure or arrival lead or delay

Provision and export (Excel report, load snake, peak load)

Data processing and analysis (import, merging with transport plan, etc.)

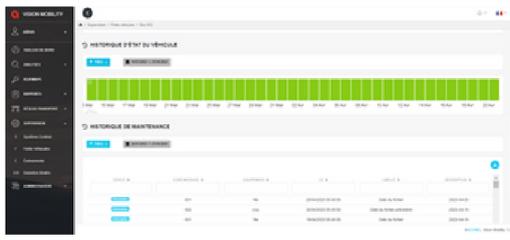
Real time dashboard



Ridership analysis

Fleet supervision / Accuracy control

Report creation



Serpent de Charge par direction									
Direction de l'axe	Direction	Charge	Charge maximale	Surcapacité des matériels	Surcapacité des directions	Surcapacité des matériels	Surcapacité des directions	Surcapacité des matériels	Surcapacité des directions
1	Paris - France (1474)	48148	73140	24992	34.96	8148	73140	34.96	34.96
2	Paris - France (1474)	48148	73140	24992	34.96	8148	73140	34.96	34.96
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