



ANVERS USE CASE

THE CITY OF ANVERS USES ACIC TRAFFIC MONITORING TO COVER THE TRAFFIC FLOW IN ITS TUNNELS.

ACIC high performance video analytics solutions were installed on 22 cameras in the 3 tunnels of Anvers city. The traffic flow being quite important in its tunnels, the city needed an efficient automated solution to monitor any traffic incidents.



PROJECT KEY POINTS

- **Organization:** City of Anvers
- **Location:** Anvers (Belgium)
- **Sector:** Gouvernement
- **Application:** Traffic security
- **ACIC solution:** Traffic Monitoring
- **Technology partners:** ACIC

MISSION

The city of Anvers needed to efficiently monitor its traffic flows inside of its tunnels.

ACIC's mission was to provide a tool for the automatic detection of traffic incidents. This automation being crucial to ensure a responsive security management of its tunnels roads.



SOLUTION APPLIED TO THE PROJECT

For this project, the following features were available via the solution Traffic Monitoring:

- Vehicles counting
- Speed measurement
- Vehicle classification
- Quiet, Free flow, Busy, Congested
- Speed drop
- Congested traffic detection
- Stopped vehicle
- Ghost driver
- Overspeed detection
- Abnormal speed drop detection
- Flow monitoring
- Traffic flow monitoring

The 22 cameras were placed inside and outside of the tunnels, each in a strategic location (entries/exit, ...).



RESULTS ANVERS

The integration of statistical data relating to traffic by the integrator has allowed the city of Anvers to get a better view of its traffic inside its tunnels. The alerting of the traffic incidents was also improved, allowing the city of Anvers to have a fast communication with its services. The quick detection of incidents leading to a responsive management with an efficient prevention system.

TRAFFIC MONITORING



ACIC TrafficMonitoring® is a video analytics solution for traffic management and monitoring. The algorithms used allow simultaneous processing of several traffic routes in the outside and in the tunnels.

In all contexts, Acic TrafficMonitoring® provides real-time individual vehicle counts or traffic rate data. This suite of products also allows to detect incidents in the field of view such as abnormal speed drops or wrong ways.



TRAFFIC MONITORING



OTHER CUSTOMER REFERENCES



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