CASE STUDY

Brussels police zone improves security with intelligent CCTV surveillance system from Tein Technology

**The Montgomery Police Zone in Brussels covers three council areas and uses 45 cameras to fight crime, nuisance and other problems.
The Tein Technology city-surveillance platform improves security and provides support when police need to intervene in situations.**

Police faced with difficult task

The councils of Etterbeek, Sint-Pieters-Woluwe and Sint-Lambrechts-Woluwe depend on their police for a range of critical tasks.

All three are home to crucial routes in and out of Brussels with tens of thousands of commuters passing through daily. Easy access routes for commuters, however, can also be favoured escape routes for criminals and therefore require additional police surveillance and operations.

The headquarters of the European Commission – where many European summits are held and which is also the focus of a large number of demonstrations – is an additional element in maintaining order in the zone.

Finally, the police are responsible for surveillance, crime prevention and operations in an area with a diverse urban population.

Solution oriented approach pays off

Frank De Vos, Police Commissioner and Director of the Operations Department for the Montgomery Zone, explains: "Security is a priority for the municipal governments. The police commissioner plays the role of advisor and mediator from the making of policy to its execution. We went through strict processes in order to procure and roll-out an efficient and future-oriented CCTV surveillance platform."

Tein Technology emerged as the preferred supplier. The CCTV city-surveillance specialist has an excellent record in the service of cities and municipalities, including the BruNo Police Zone, which borders Montgomery.

"Tein Technology gave a persuasive proof of concept to the relevant authorities.

> **"The city surveillance platform by Tein Technology puts us at the cutting edge."**
> Frank De Vos,
> Police Zone Montgomery

We greatly appreciated Tein Technology's smart, solutionoriented approach." Montgomery has special requirements for wireless communications due to the high degree of urbanization, the number of tall buildings and the Woluwe river valley.

Tein Technology installed dome cameras and opted for wireless point-to-point connections.
The network is very stable and produces no external radiation, a plus for public health.

Intelligent city surveillance system

The 45 cameras in the surveillance network are distributed across the three council areas.
The digital CCTV cameras record 360° video continuously. All images are encrypted in real time and transmitted wirelessly to the control centre over a robust fibre network.

Frank De Vos adds: "The cameras are configured to monitor strategic locations at fixed times. Priority locations and times include public transport stops, the opening and closing hours of schools and supermarkets, changed traffic situations and locations where the most robberies take place. We have a good relationship with local businesses. If, for example, a robbery has taken place at a pharmacy, with a single mouse click we are able to aim the cameras at all the pharmacies in the zone."

Police Commissioner De Vos personally inspected each camera location.
"The cameras are not only intended to

> "We are extremely satisfied with Tein Technology's expertise and ability to get things done."
>
> Frank De Vos,
> Police Zone Montgomery

tackle crime," he says. "They are also used to enhance road safety, for possible operations in the case of demonstrations and to reduce illegal dumping and public nuisance."

SightVision™ in dispatching environment

The surveillance cameras are managed from control consoles in the new central dispatching centre. Some 20 people work in shifts operating the SightVision™ video management system developed by Tein Technology.

SightVision™ integrates all video and data communications at the dispatching center. Pre-defined scenarios make it possible for the operators to quickly identify problem situations, assess risks better and dispatch teams. The system also generates images and data for issuing tickets and summonses.

"The fact that Tein Technology's platform is scalable, together with the bandwidth we now have, means that we are ready for new intelligent applications and further expansion," says Frank De Vos. Automatic detection of risk situations will be coming soon and will cover ocurrences such as groups assembling, people eyeing up vehicles for possible theft, and even the catching of graffiti taggers in the act.

Results guaranteed

The intelligent CCTV surveillance system by Tein Technology makes a major

contribution to urban safety, maintaining order, and the fight against crime.

"What's more," concludes Police Commissioner De Vos, "teams on the ground appreciate the critical support they receive from the dispatching centre, and thus the added value the system offers when intervention is required. Conversely, dispatching has also developed into a fully fledged nerve centre of the surveillance system. Both parties gain with the new platform."

CLIENT & SOLUTIONS

Client: Police Zone Montgomery, Brussels

Project date: 2011-2013

Solutions: City Surveillance

Cities are increasingly forced to address complex issues of security, congestion and mobility – all the time coping with a diverse range of communication platforms used by police, emergency and other city services.

Our expertise in solving these challenges helps improve efficiency, integration, safety, accessibility and sustainability across city infrastructures – now and into the future.

- Intelligent video management
- Backbone expertise
- Third-party integration
- Future-proof scalability

To find out how your organisation can benefit from Tein Technology's expertise in traffic management, contact:

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About Tein Technology

Tein Technology is a leading-edge provider in the integration of voice and video platforms for mission critical environments such as financial trading rooms, traffic control for road, rail and waterways, port monitoring, city surveillance and public transport. Tein Technology runs a team of 60 highly qualified specialists and is based in Brussels and Amsterdam.

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