CASE STUDY

For the next ten years, Tein Technology will be the preferred partner of Digipolis, creating the smart infrastructure to best support these cities and their inhabitants.

Digipolis is the IT provider for Ghent and Antwerp, providing these leading Belgian cities with state-of-the-art IT solutions tailored to their specific needs. Their portfolio features a wide range of government agencies, from local welfare centres – or OCMWs – to several city and public security services.

Our first assignment: the complete management of the Antwerp police department's camera surveillance and video management system.

Tein Technology and the Antwerp police department: paving the way for the future

The Antwerp police department is the largest in the country. With over 500,000 inhabitants, the city has a unique set of security needs and invests heavily in its camera surveillance system, as well as the associated high-end video management. Looking to the future, the local camera infrastructure needs to be cutting-edge, integrating innovative features with a view to becoming a leader in the world of Smart Cities.

As of 1st October, Tein Technology ensures full management and support of the Antwerp camera surveillance network. From hardware to software, from digital security to establishing transmission networks, our expertise will be key to further developing the city's security infrastructure.

As a reliable partner, we are committed to advising on, organising and building all future networks to meet the needs of Digipolis and the Antwerp police department.

> **Tein Technology's first assignment: the complete management of the Antwerp police department's camera surveillance and video management system**

Extensive scope, tangible results

The scope of the assignment is extensive. Tein Technology will manage and support the entire camera surveillance network of the Antwerp police department, including the video management system, the in-house camera network and cameras in public areas. The transmission between these components will be established and optimized, presenting some unique challenges.

First, our experts will determine the best way to transmit the vast quantity of images involved. Not every location has easy access to fibre cabling. Wireless, mobile solutions will need to be put in place, sending the feed to a central video management system and storing it on servers that will capture and record the videos, before providing the imagery to the central control room – live or relayed.

Second, the great amount of hardware, both in police stations and in the public domain, will be checked, maintained and tailored to specific security requirements on an ongoing basis. Tein Technology will provide the necessary teams on the ground to monitor the entire hardware infrastructure. Our engineers will handle all renewals, maintenance or repairs due.

Camera network and video management: when complexity becomes simplicity

The days that a city could provide reliable security based on static cameras are long gone. The fast-changing world of security and technology presents a whole realm of possibilities and unique solutions. Mobile cameras, ANPR traffic cameras, video feed from external partners that can be accessed for security reasons, image-sharing with other city services…

> ″Tein Technology software developers will create scalable and tailored solutions to streamline the entire video management process – from static observation cameras to the live feed of the most complex mobile control room.″
>
> Gert De Meyer,
> General Manager

Tein Technology will be instrumental in creating a high-tech environment worthy of a state-of-the-art Command & Control Room

Video management has become more than just managing video; it involves the harmonisation of input from a large variety of camera systems and partners.

Tein Technology software developers will create scalable and tailored solutions to streamline the entire video management process – from static observation cameras to the live feed of the most complex mobile control room.

Management, development, maintenance: leading the way to cutting-edge security

Throughout the assignment, not only will Tein Technology be responsible for the full management and support of the camera surveillance network and video management system, we will also fulfil a large service and maintenance contract to ensure that all hardware and software are permanently up-to-date and up-and-running.

Looking further into the future, the Master Building Project will see the Antwerp Police moving to modern new premises in 2020. Tein Technology will be instrumental in creating a high-tech environment worthy of a state-of-the-art Command & Control Room.

We will deploy our full expertise and resources to enable better communication between all parties involved in responding to specific events and incidents.

Tein Technology is proud to be the go-to partner for Belgium's leading police department in the years to come. Together, we will create high-end and cutting-edge solutions to increase the safety of every civilian in the great diamond city.

CLIENT & SOLUTIONS

Client: Digipolis Antwerp

Project date: 2018

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 city surveillance, contact:

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or visit our website: **www.teintechnology.com**

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.

SMART CITIES

INTELLIGENT TRAFFIC SOLUTIONS

INNOVATIVE MARITIME TECHNOLOGIES

INDUSTRY