City of Torrevieja (Spain)

CLIENT: Torrevieja City Hall (Alicante / Spain)

PROJECT GOAL: Improve city security and traffic security.

PROJECT CHALLENGES: Automatically detect interesting events generated by different devices.

SITUATION

Torrevieja is the fifth city in number of inhabitants in the Autonomous Community of Valencia (Spain) with approximately 100.000 habitants. The City hall wanted to improve the city security systems, and to achieve that goal a better surveillance system was needed. This new system would be able to control, faster and more efficiently, different types of traffic incidents, and also those incidents related to citizen safety and crime prevention.

"With this new Project Torrevieja is in the vanguard in traffic and city security, standing up as one of the best watched cities in Spain". (laverdad.es)

"Crime has drop to 17.8% in Torrevieja after the installation of the new Local Security Plan that includes the new surveillance system". (Diario Información).

"Viriato: Torrevieja will be alert almost always and everywhere". (Diario Información)

SOLUTION

The project developed in Torrevieja involved a great investment of about 1.700.000€. 192 sensors were installed in the city main roads and squares, among them worth mentioning 147 security cameras and 15 radars integrated with Vifence City.

Some of the events automatically detected are:
- Traffic jams, big or small.
- Incorrect parked vehicles (sidewalk or bus stops)
- Speeding (with video associated)
- Suspect vehicles throughout the recognition of licenses plates.

BENEFITS

Vifence is the key element of the video surveillance project in Torrevieja since it provides:

- **Integration**. The city hall has only one security system with tens of different devices all integrated to be able to achieve the goal: video analysis, license plate recognition or detection through radar.
- **Increase in the speed** of action since it automates events detection that appear to the officer prioritized by importance.
- **Facilitate the alarms management** since it allows the officer to group the events by different types: radars, parking, traffic jams…
- **Increase in efficiency** of video surveillance. Since the system uses rules that combine events automatically detected by different devices, the unimportant events detected can be filter.
- **Better control.** The system sends the officer the most important information every time it detects anything, just like its geographic location.