



## Ciudad segura

The most modern and integrated secure city system in the world, Mexico city

### key benefits

- Integrated system with «State-of-the-art» solutions
- A solution which at the same time meets the security needs of the Mexican metropolis and can be incorporated into police operations
- Integration of legacy systems
- Partnership with a major Mexican telecoms company Telmex

### the Challenge

The goal of the project is to better protect citizens from a wide spectrum of risks including crime, terrorism, attacks on strategic sites, natural catastrophes and other emergencies. It brings together in a cooperative endeavour the government of Mexico City, one of the world's largest mega cities, Telmex, a leading Latin American telecommunications company and Thales.

### the solution

Mexico City authorities decided to implement an integrated urban security system to handle calls and process information from surveillance systems, built on the city's most modern, secure and widespread telecommunications network. The system processes information from 8,080 video cameras and sensors located across the city and transmits alarms to the appropriate operators

when any unusual events or behaviours are detected.

In a major emergency situation, police can deploy specially equipped mobile command centres that maintain contact with the central command control communications and intelligence centre (C4I). The system can also locate or identify vehicles in the city's main streets thanks to its ability to read registration plate numbers.

Thales uses the most modern technology available to provide video-surveillance, analyse images and other information, process emergency calls, manage events and simulate emergency situations. With its experience in Defence, the company has all the expertise required to implement its technologies in complex environments, adapt solutions to requirements and provide necessary training.





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### key features

Thales and Telmex will deliver a centralised C4I centre which will coordinate 5 regional command control centres in charge of all multi-forces security operations during routine operations and emergency situations.

It includes video surveillance, operational forces tracking and status monitoring, emergency call taking & dispatching, forces, skills and equipment allocation for incidents database queries and training.

The project also includes 2 mobile command control centres and will be able to integrate information from unmanned drones responsible for remote surveillance, both of which will facilitate the intervention and the decision-making process everywhere in the city.

- Operational 24/7, addressing 9 million people
- Organisation dedicated for public safety forces (80 000 people)
- Video surveillance network (8080 cameras dedicated to urban surveillance, traffic management and registration plate recognition)
- Integrated and Unified command control system including:
  - one C4I : 5 floors, 20,000 M<sup>2</sup>, 250 positions (90 call-talkers, 132 dispatchers, 20 video surveillance operators)
  - five C2 : from 35 to 60 positions
  - two C2 mobiles units
- Laboratory / development platform link to Polytechnic Engineer High School
- NOC: Network Operational Center
- SOC: System Operational Center
- Training facility

### Client

Secretary of State for the public safety of Mexico city



### Project

Most ambitious public safety project in the world with more than 500 engineers and experts from the Mexico City Police Department.

### key dates

- Contract awarded in 2009
- Inauguration of the first part of the system scheduled for the bicentenary of the city in 2010

