

SAFE CITY

"Real Life"

CITY SURVEILLANCE MANAGEMENT SYSTEM

Abstract

Effective surveillance systems are essential to any city’s police departments or any territory’s security forces. This white paper discusses the challenges of currently available solutions; and demonstrates how Safe City, combined with its components, provides a powerful, robust and low-cost solution to strengthen the safety of the city/territory.

Table of Contents

KEEPING THE CITY SAFE AND SECURE3

OLD GENERATION CITY SURVEILLANCE METHODS3

THE 3RD GENERATION SOLUTION : SAFE CITY5

KEY BENEFITS: 8

ABOUT IDEA TECHNOLOGY 9

 Idea Solutions : 9

 HP Software:10



KEEPING THE CITY SAFE AND SECURE

It is extremely difficult to protect large areas with limited forces. Preventing the crime is almost impossible. i.e. Transport authorities are seeking more sophisticated methods of monitoring passengers to prevent attacks, but there are no easy ways to shield the world's cities and their crowded places from people set on blowing themselves up, analysts say.

The camera systems may seem like “Big Brother” watching every public move in hot-spot areas. But for now, security forces say, it's more about preventing crime in those areas and providing evidence if a crime does occur than just keeping an eye on passers-by.

City Surveillance Management addresses these requirements by using the latest technologies.

CITY SURVEILLANCE METHODS

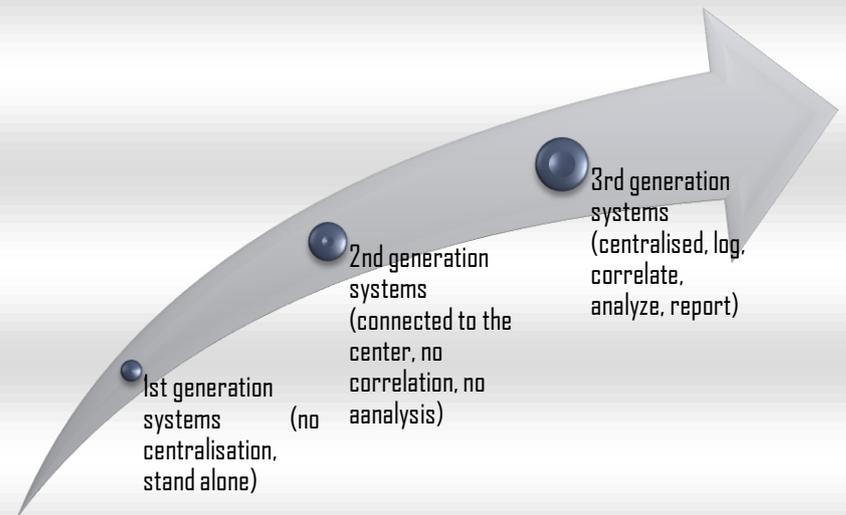
The use of surveillance cameras by governments and businesses has dramatically increased over the last 10 years. In the U.K., for example, there are about 4.2 million surveillance cameras—1 camera for every 14 people.

In brief, surveillance cameras are video cameras used for the purpose of observing an area.

- The 1st generation was very simple with each camera directly connected to a local computer and was not manageable.
- The 2nd generation evolved by connecting those cameras to the storages available in the center stations. However still those were lacking in correlation.



- The 3rd generation (Safe City) brought parametric environment with the ability to analyse and correlate the data collected which reduced the workload and increased the efficiency



THE LAST GENERATION SOLUTION :



Today, technology plays a key role in the combat with the crime and criminals. Technology specific applications are very complex and consist of many different data sources. Each of these data sources like cameras, GIS, call center, voice recording systems etc used to work stand alone and collect related data.

However, with Safe City- the 3rd generation City Surveillance Management Solution- all sources could be managed in one single pane. Besides thanks to the correlation feature, to the point prevention is possible and efficiency and speed is brought to the security forces in the field.

Comparing to the earlier generations the data is structured with Safe City to decrease the crime rates and increase the response time with an affordable cost.



Camera views

Denouncement Management Software

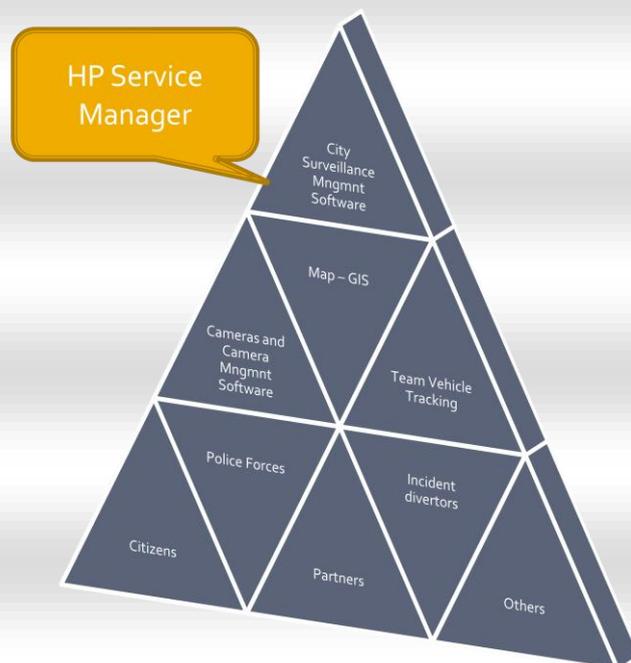
City map

Safe City, allows operators to monitor the camera views, map and the denouncement records in one management center. Each of these three views represents a single module:

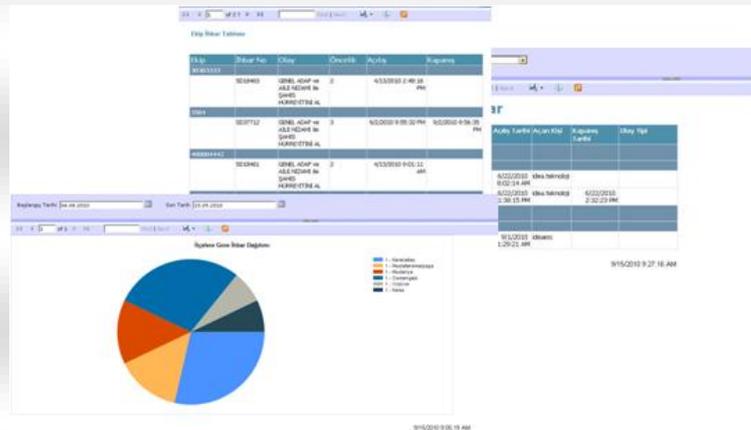


- Denouncement Management: Incidents or denouncements could originate from different sources and records created on industry leading HP Service Manager. As all three modules are integrated, it is possible to retrieve the camera view of a specific denouncement with just one click. It is also possible to retrieve the voice record or show the location on the map.

Authorization management could be done with HP Service Manager and operator access could be kept under control. That would mean unauthorized operators could not change the configuration of a specific camera and could not view either.



Robust reporting is available as it is with all other Idea solutions. Flexible and easy-to-use reports are generated on MS SQL Report.



KEY BENEFITS:

- Centralized solution
- Proactive crime prevention
- Workload and cost reduction of the police department
 - Minimum human operated interaction by rule based alarm generation
 - End to end denouncement tracking in a work flow logic
 - Easy to access crime records, cameras, GIS in a single management console
 - Internal auditing capabilities
 - Flexible and scalable architecture
 - Robust reporting capabilities
 - Industry standard HP Software background

Phone : +90 216 372 36 10
Fax : +90 216 372 03 95
Web : <http://www.ideateknoloji.com>

IDEA Teknoloji Muh. ve Dan. Ltd.
İsmail Ergin Plaza Yalı Yolu Sok.
No:52/A K:6 D:22

Üstbostancı / İstanbul- TURKIYE



ABOUT IDEA TECHNOLOGY

After spending years in the development, design and implementation of large scale service management infrastructures, Idea Technology was founded in 2004 by a group of senior managers with academic background.

Today with a the team of 25 consultants who has comprehensive project experience on HP Solutions, Idea has over 60 installations span leading firms of Turkey in financial services, retail, aviation, energy, insurance, automotive and telecom.

Idea Solutions :

Idea Technology has developed turn-key solutions for the specific requirements to meet the customer needs.



A 3rd generation City Surveillance Management System. The system centralises the distributed data (from different sources such as surveillance camera system, police cars, call center etc.) and correlates to allow security forces gain speed and efficiency in preventing the crime with a robust and reduced cost system.



A system developed/designed by Idea to manage Electricity Consumption & Quality. Abstract level representation of overall system against to SCADA based solutions with almost 2 years of ROI.

Phone : +90 216 372 36 10
Fax : +90 216 372 03 95
Web : <http://www.ideateknoloji.com>

IDEA Teknoloji Muh. ve Dan. Ltd.
İsmail Ergin Plaza Yalı Yolu Sok.
No:52/A K:6 D:22

Üstbostancı / İstanbul- TURKIYE



HP Software:



As a Gold partner of HP Software, Idea Technology takes place in the HP Business Technology Optimization (BTO) silo and delivers services and solutions to optimize the outcome of the IT operations.

These solutions are available in the following areas:

- Asset Management
- Universal Configuration Management

Database

- IT Service Management
- Test Data Management
- Application Lifecycle Management
- Web Application Security

Management

- Quality Assurance
- Security Information and Event

Management (SIEM)

Please contact us for “**real solutions**”.