

Tool summary

Security Supervision System

Description of the tool:

The Security Supervision System is a platform designed to integrate and correlate heterogeneous flows of data, generated by devices and systems deployed on the territory in order to create a unique and integrated view of the monitored scenario.

The system integrates also the Crowd Monitoring tool and the Flow Analysis tool providing a useful support to identify abnormal situations deriving from people flow in the analysed contexts.

Added value:

The system supports city administrators, law enforcement agents and major event security forces creating an integrated view of a city or a region. During critical situations and Major Events the system integrates, correlates and presents a great amount of data coming from "vertical" and heterogeneous systems each of which is usually dedicated to a specific activity.

Intended use:

The tool is intended to be used by law enforcement agencies, civil protection or private security companies, and by policy-decision makers from the local government.



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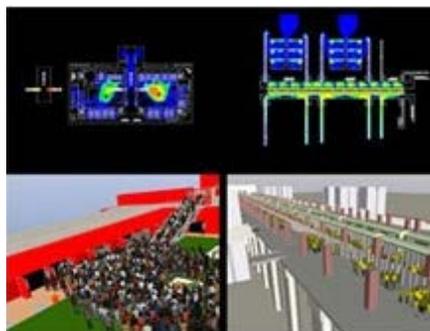
A complete view for an aware control



- **Integration** of heterogeneous systems, new and legacy, with data acquisition and distributed intelligence.
- **Correlation of heterogeneous information** from different sub-systems providing a useful support for better situation awareness.
- **Proactive support**, through a graphically configurable **workflow** tool, in the assessment / decision / response phases.
- Support the users in the different steps of **event management process**.
- Innovative **HMI with geo-referencing data** on 2D and 3D maps, for a better context understanding.

Crowd Management Tools

Integration of specific tools to manage crowd dynamics in particular steps of the event management process (detection, monitoring, planning, simulation,...).



Flow Analysis: crowd simulation tool providing support to the sizing of public /private spaces and to the definition of management procedures for normal and emergency situations.

Crowd Monitoring: video analysis based tool for real-time monitoring of crowd in particular areas relevant for security and safety domain and warning the user in case of critical overcrowd.

