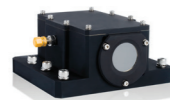


## SMART EO PRODUCTS FEATURED

- **Navis** - For All Units night driving through cities without streetlights and through smoke
- **Helmis** - For Law Enforcement Units helmet mounted short range thermal night vision
- **Coris-Lite** - For Law Enforcement Units handheld long range thermal night vision and location pointing
- **Micro-TM** - For Aerostat mounted long range day and night vision and location pointing
- **Micro-T** - For Rotary UAV mounted mid range day and night vision and location pointing
- **360 Manager** - For Command Units to have integrated complete application video management, analytics and user interface (GUI)



Navis



Helmis



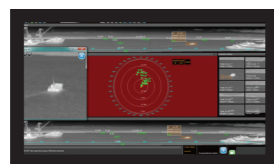
Coris-Lite



Micro-TM



Micro-T



360 Manager

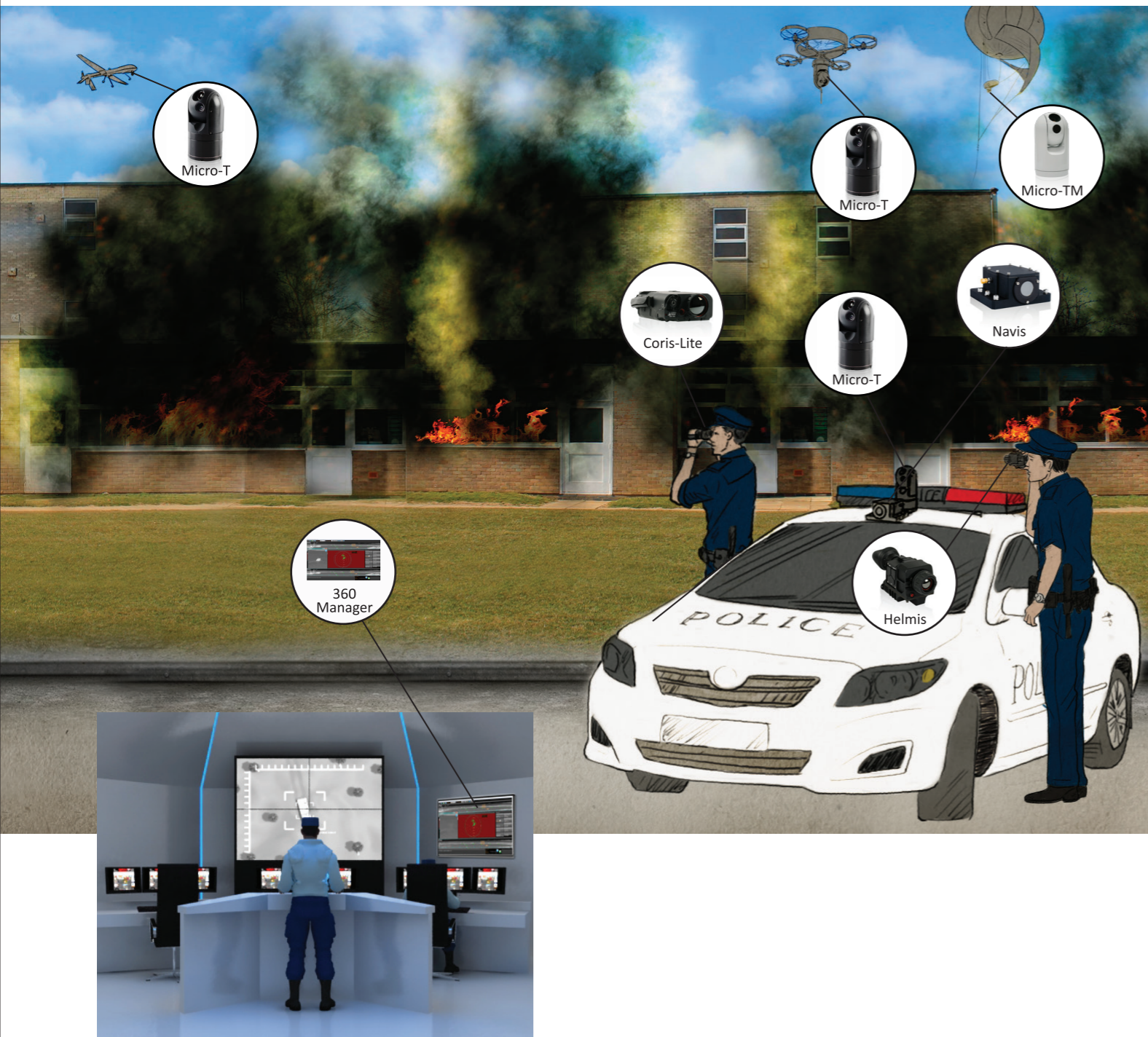
# City Surveillance & Protection Application



In recent years, cities have been exposed to threats from terrorism, sabotage and random violence. This shift makes it paramount to have in place an intelligent surveillance system to protect lives. The City Surveillance and Protection Application offers an effective solution for security authorities such as Law Enforcement Agencies, Counter Terrorism Units or even City Protection Forces responsible to maintain peace and order. This application is also of high importance to Fire Fighting and Emergency Rescue Agencies deployed in crisis management.

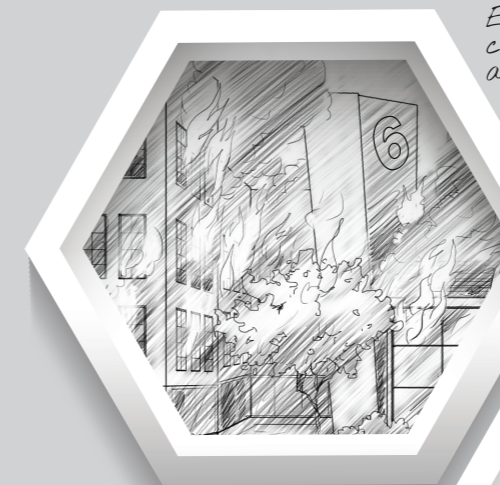
The City Surveillance and Protection Application can be used 24/7 and in all weather conditions to maintain close vigilance of crowded situations including dark and smoky environment. This application becomes a force multiplier, enabling effective command and control functions with limited mobile forces by using advance day and night visual sensors to detect intruders on wheels or foot. Upon detection, mobile forces are then deployed with pinpoint accuracy. A collection of SMART Electro-optics products with automatic video detection and tracking capability forms the sensors suite layer of this architecture. STELOP's SMART Electro Optics products can be static mounted or carried by personnel to provide total vision which greatly improves situational awareness of imminent dangers. Live video and post video analytic information are fed back to a command and control centre which gives the commander a strategic view of the mission enabling decision making and speedy reactions to avert intrusions. STELOP's SMART video management and analytics tool is used to perform this function completing the core intelligence of this application.

## APPLICATION OVERVIEW



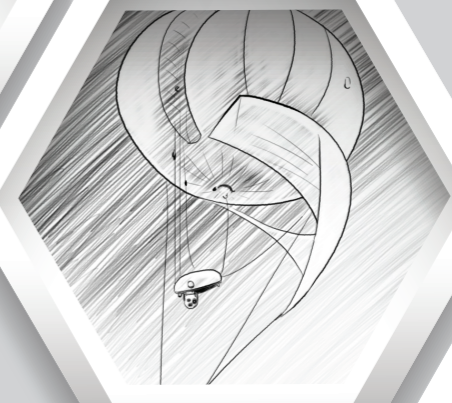
## APPLICATION HIGHLIGHTS

- Eye In the Sky, Day/Night and Ability to See Through Smoke
- SMART Automatic Virtual Perimeter Intrusion Detection and Alert Generation
- SMART Tracking and Pointing of Vehicles and People of Interest
- Integrated Multi Video Common Picture
- User Friendly Independent Remote Sensor Control from Common Situation Picture
- Configurable Video Distribution and Sharing

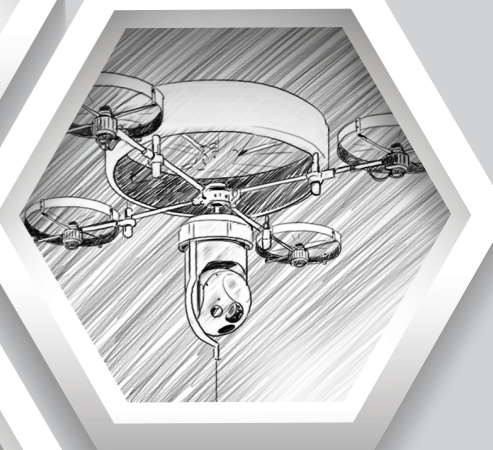


Explosion occurring in city exhibition centre at night during a convention and the place is smoky and blackOut.

Aerostat with Micro-TM already operating in the sky during the event immediately zoom into impact zone. Images of the complete surrounding are stitched into 360 Manager and send to command and control centre.

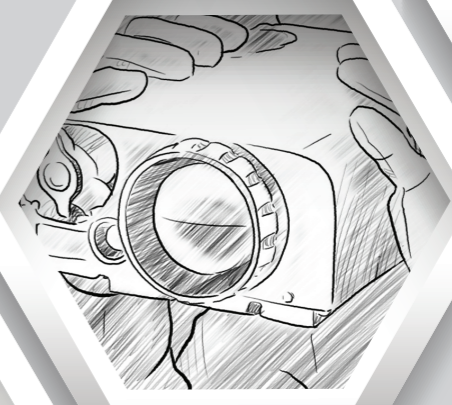


Rotary blades UAV mounted with Micro-T is sent immediately into the sky to monitor the area and prepared to track any moving vehicles.

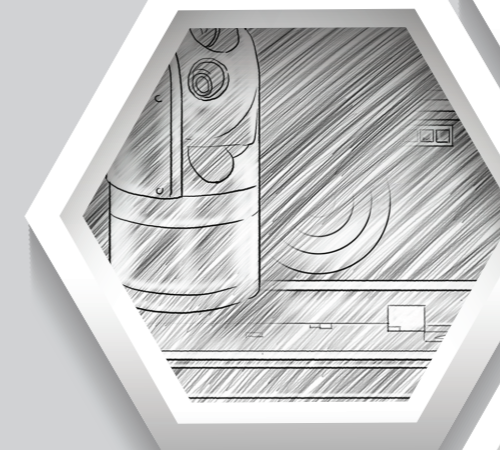


## APPLICATION CONCEPT

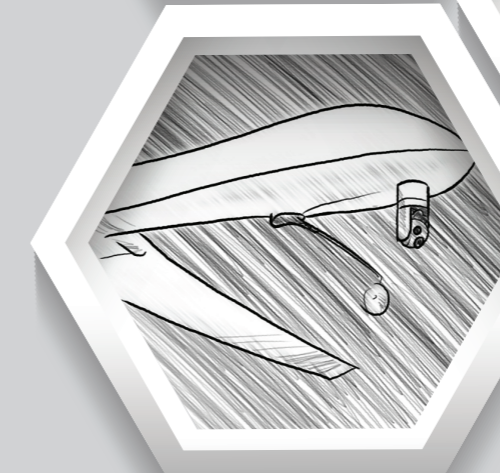
On police vehicle, based on 360 Manager video information, the operator automatically detects a few victims lying down motionlessly and zooms in with Micro-T.



Police vehicle mounted with Micro-T and 360 Manager is immediately dispatched to investigate with officers holding Helmis. Officers promptly positioned on ground zero uses Coris-Lite to scan surrounding buildings to detect potential sniper or potential targets at open windows.



Emergency Rescue Team is dispatched to victims with Micro-TM on aerostat pointing accurately at location of victims. Meanwhile an unknown vehicle bashed through convention barricade and sped off.



Micro-T on UAV laser points to vehicle which allowed police vehicles to give chase. Police vehicles are able to drive safely with Navis to help them see through pitch dark and smoke to intercept accurately and capture suspects.