

SMART SHIELD®

UNIFIED SUPERVISION TO BETTER PROTECT CRITICAL SITES

Security & safety managers of critical sites need security supervision tools in order to manage all systems contributing to a site's protection in a more integrated manner.

The Smart Shield solution provides the security supervisor with the means to act quickly and efficiently when any kind of threat or incident arises.

Target Markets	References
<p>Critical infrastructure, including:</p> <ul style="list-style-type: none"> • Power plants, oil & gas, industrial sites • Airports, mass transit • Stadiums, museums, monuments • Governmental and military sites <p>Smart Shield is meant for any site requiring true convergence of all its protection and security systems.</p>	<p>Smart Shield is currently used by a major French stadium (including coupling of video surveillance and perimeter intrusion detection), and is being tested on a critical infrastructure site of an energy producer.</p> <p>Smart Shield is also deployed at the Forbidden City of Beijing (« Duanmen » access area).</p>

PROTECTING CRITICAL SITES

In order to deal with the evolution of threats towards people, goods and even data, critical sites deploy an increasing variety of security sensors and systems: perimeter protection (from fences to intrusion detectors), access control, fixed or mobile video surveillance, communication equipment for security staff, etc.

These various systems do not necessarily co-operate, and they are generally controlled from distinct operating stations.

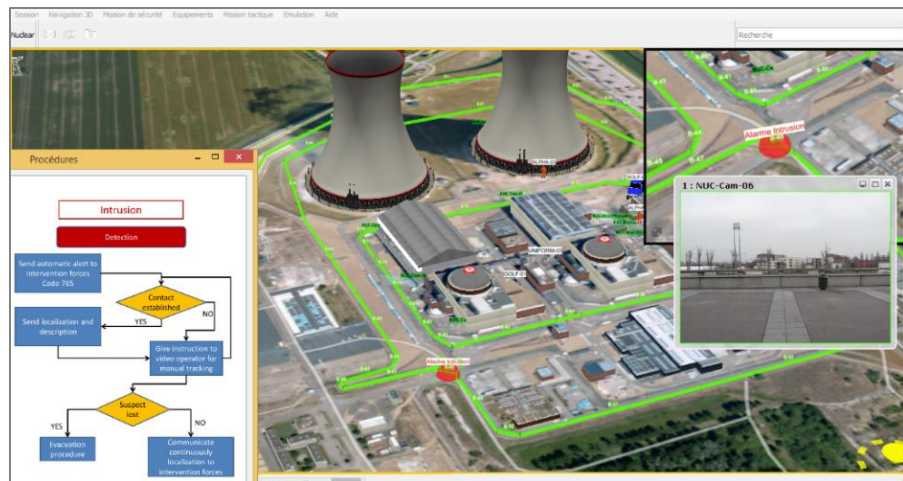
Efficient coordination of all on-site security equipment therefore becomes a real challenge in order to react quickly when an incident arises, and to keep at all times a global view of the security situation.

THE SMART SHIELD® SOLUTION

Smart Shield is a solution for unified security supervision.

Providing 3D situational awareness, Egidium offers a radically new experience of security & safety hypervision, focused on decision support and totally neutral vis-a-vis hardware equipment.

Smart Shield allows to deal more efficiently with known or unknown threats and incidents.

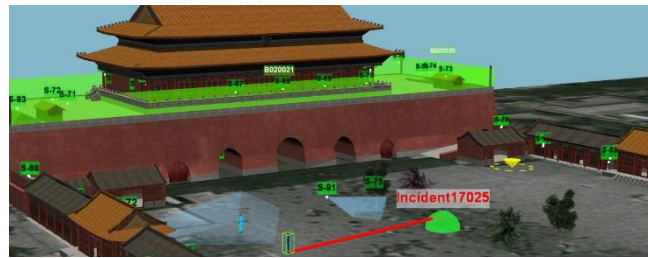


Smart Shield®: assisted doubt removal and procedure according to incident type

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Georeferenced 3D site model (indoor and outdoor) • Automatic display of incidents location on the 3D view upon detection by sensors • Assisted doubt removal (automated camera suggestion, augmented video) • Intruder tracking and video investigation • Automated display of procedures • Electronic logbook (geolocalized time - stamped incidents + added details) • Collection of information anywhere on site (Mobile app) • Reporting (statistics & analytics) • Alarms and intrusion simulation, replay of situations 	<ul style="list-style-type: none"> ○ Global situational awareness ○ All alarms are geolocated ○ Shorter time for doubt removal and response ○ Assisted navigation to track a suspect across cameras ○ Decision support and enforcement of procedures ○ Complete traceability (eg evidence), programmable SMS alerts ○ Immediate centralization of incident information ○ Rich data basis for lessons learned ○ Continuous security improvement, training in crisis management

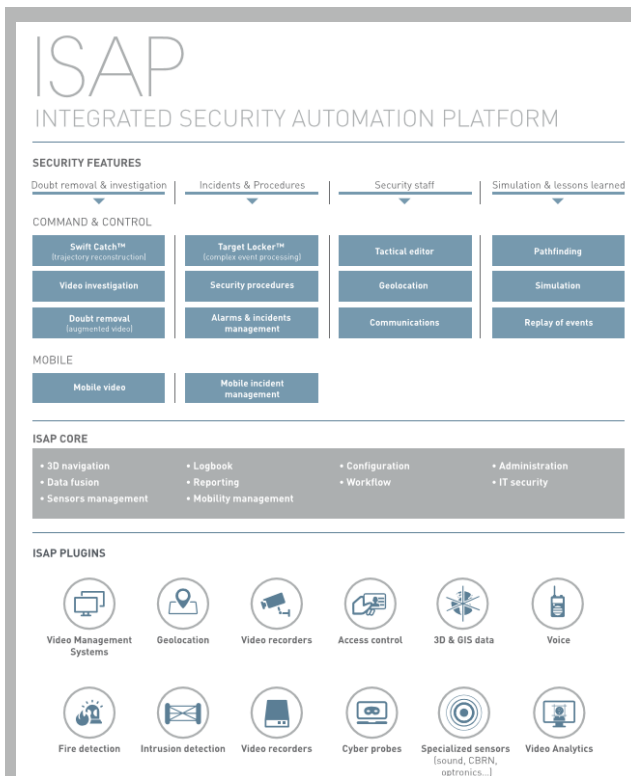
Smart Shield can interface with every security system of a site to provide unified supervision.

Options available in addition to above-listed features include: staff geolocation, pathfinding and complex alarm management.



Camera suggestion, agent assignment

Smart Shield leverages the ISAP software platform.



ISAP
INTEGRATED SECURITY AUTOMATION PLATFORM

SECURITY FEATURES

- Doubt removal & investigation
- Incidents & Procedures
- Security staff
- Simulation & lessons learned

COMMAND & CONTROL

- Swift Catch™ (Trajectory reconstruction)
- Video investigation
- Doubt removal (augmented video)
- Target Locker™ (Complex event processing)
- Security procedures
- Alarms & incidents management
- Tactical editor
- Geolocation
- Communications
- Pathfinding
- Simulation
- Replay of events

MOBILE

- Mobile video
- Mobile incident management

ISAP CORE

- 3D navigation
- Data fusion
- Sensors management
- Logbook
- Reporting
- Mobility management
- Configuration
- Workflow
- Administration
- IT security

ISAP PLUGINS

- Video Management Systems
- Geolocation
- Video recorders
- Access control
- 3D & GIS data
- Voice
- Fire detection
- Intrusion detection
- Video recorders
- Cyber probes
- Specialized sensors (sound, CBRN, optronics...)
- Video Analytics

Based on a big-data approach to security, ISAP merges data from every sensors and systems in real time via its plugins. With its 3D interface, ISAP acts as a true situational awareness engine.

Several vertical solutions leverage ISAP's rich set of features:

- Event Monitor® (event security)
- Smart Shield® (infrastructure protection)
- Tactic Plan® (emergency interventions)

Because security must be designed in a comprehensive manner, Egidium's solutions provide you with better command and control of your security systems in every dimension, so as to complete your mission successfully.

Egidium Technologies
Security convergence for critical sites.