Public Security
A holistic, modular concept in the battle for public safety
The complexities inherent in securing modern day cities are multi-faceted. The situation is even more challenging in the aftermath of a disaster, or when the city is host to mega events such as a marathon or sporting event. Elbit Systems HLS provides a multi-dimensional approach to securing the public domain. The solution offers enhanced situation monitoring, awareness and analysis, as well as high-level management of the entire security process.

Elbit Systems’ solution features a modular architecture that enhances the user’s ability to prepare, identify, manage and prevent incidents, as well as to react appropriately both in day-to-day activities and in times of crisis. Elbit Systems’ approach uses recognized standards and protocols to ensure a highly flexible data structure and configurable security processes that enable the complete customization of security solutions.

**Flexible – turnkey solution or integrated into legacy systems**

The technology-based building blocks can either be utilized as an end-to-end solution, or integrated into a customer’s legacy systems or other third-party components. This flexibility enables a tailored solution for each customer. Completely fieldproven, Elbit Systems’ centralized approach is both practical and effective.

**Elbit Systems HLS Public Security domain is comprised of four primary solutions:**

- **Safe City** - For efficient management of routine and critical situations, SafeCity maintains city control and civil safety at all times. With its comprehensive security approach, the solution ensures situational awareness and understanding through a common operational picture (COP) shared by central headquarters, rescue forces and command posts.

- **Special Events** - Tools to design, prepare, simulate and manage any size of public event. Our C² system’s flexibility enables seamless integration with auxiliary forces and personnel, and can easily accommodate large numbers of additional sensors. Integration with Elbit Systems’ Training Simulator further enhances the preparedness of the forces, as well as agencies involved in the management of public events.

- **Law Enforcement and first responders** - From the call center to the security of mega events, our solution supports the entire law enforcement process. Using advanced Incident Management, Smart Computer Aided Dispatch (CAD), analysis tools, the system facilitates police investigation, intelligence and case management.

- **Crisis Management** - Designed to support decision-makers and Emergency Operation Centers, the solution offers tools and applications for Computer-Aided-Dispatch, emergency situational awareness, preparedness management, emergency resource
Solution Building blocks

- **Overview of systems architecture** – A combination of C^2 systems, communications systems and IT solutions that integrate planning, operational management, intelligence, research and investigation with municipal and public coordination.

- **C^2 application** - FRONS C^2 - A comprehensive C^4I system for public security, first responders and border protection. The FRONTS C^2 application provides full situational awareness at all levels, in real time. Complete multimedia services (voice, video and data) to/from any entity can be activated and used by the advanced Command and Control GIS-based system, at any terminal or command center. FRONTS C^2 enhances dispatching centers and First Responders at all command levels to deal efficiently and systematically, at a high automation level, with security events of different types and sources. It incorporates: Operations planning and execution, Incident Management (Response), Supervision, debriefing tools, simulated training, crime analysis and administration.

- **Special forces kit** – A compact, ultra-rugged, wearable computing unit and radio, providing field personnel with a real-time COP. This kit enables forces to send and receive live mission data and manage all phases of operation including planning, briefing, execution and debriefing.

- **Sensors** – Sensor systems incorporate EO/IR sensors, alert buttons, CCTV cameras, surveillance cameras, CDR, UAVs, SIGINT and Aerostat.

- **WideBridge™** - system provides mission-critical broadband services for first responders. The system is based on a scalable, secure, open-architecture solution provides a network and user device agnostic solution for secure IP services. (e.g. PTT, PTV, Direct Mode (Ad-Hoc), Intefree to LMR).

- **Command and Control Centers (Stationary and mobile)** – Designed and equipped to command, coordinate and manage every type and scope of event, in emergency and routine situations. Using Fronts C^2 it enables full command and Common Operational Picture (COP) on National, regional and local levels. Mobile Units—the FRONTS C^2 Mobile-C4I enhances operational efficiency of mobile unites at routine and emergency situations, incorporating COP with full support for mobile up to date systems including: tablets, smartphones, reliable digital communication system (Tetra, P25, 3G, 4G, LTE), Mobile in-out video system, mobile ALPR.

- **Complex event processing**

- **GIS** – Contains a 2D vector map with global urban coverage presented in clear, high-quality images, without user involvement. Capable of operating in both connected and disconnected modes, the system also offers geocoding, GPS navigation with voice guidance, shortest path destination with delay constraints, as well as other advanced mapping features.

- **Video surveillance** – Complete, integrated, end-to-end IP video surveillance that captures, records alerts and analyzes imaging data. As an open platform that supports ONVIF standards, the system provides maximum flexibility for integrating with new and existing devices, as well as security management and access control systems.
Public Security
A holistic, modular concept in the battle for public safety

Public Security Operational Needs

- Counter Terrorism
- Crime Prevention
- Public Events
- Incident Management
- Disasters Management
- Civil Safety
- Public Events
- Crime Prevention
- Incident Management
- Civil Safety