

Fire Shield

Firefighting Management Solution



An end-to-end firefighting management solution, Fire Shield meets the increasing demand for efficient technology to provide support in climate crisis events, including wildfires, floods and earthquakes.

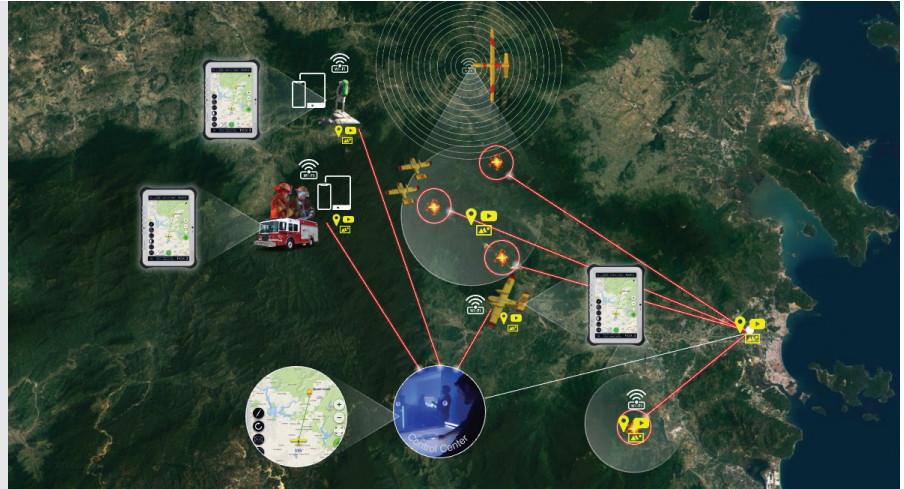
With more than a decade operating Israel's Aerial Fire Fighting (AFF) squadron, Elbit Systems has accumulated valuable know how and experience, incorporating multiple platforms and advanced technological capabilities to provide early detection and management solutions.

Fire Shield has been deployed to support numerous multinational emergency response operations worldwide.

Fire Shield

Firefighting Management Solution

Fire Shield offers a range of advanced capabilities in a complete, modular solution to prevent, respond to and manage emergency events.



EARLY WARNING

A multi-layer detection and automatic fire alert module providing wide area persistent surveillance from ground level up to 35,000 ft, incorporating various autonomous drones and satellites.

- 0-300 ft | Autonomous drones & Wide observation systems
- 300-6,000 ft | Area Persistence Surveillance - small UAV
- 6,000-35,000 ft | Area Persistence Surveillance - civil StarLiner
- Space | Satellites



FAST RESPONSE

Technology-based capabilities, infrastructure and platforms for rapid deployment and operation including aircraft and communication systems in response to alerts.

- Deployment & Operation
- Infrastructure
- Communication
- Technical support
- Alert level



EFFICIENT BATTLE MANAGEMENT

Efficient event management module providing a common operational picture and situational awareness.

The module incorporates a wide range of decision support tools and capabilities including 24/7 operational continuity, surveillance, C⁴I, connectivity, prediction of fire expansion and damage assessment.

- 24/7 Operational continuity
- Area Persistence & Surveillance
- C⁴I & Common Operational Picture
- Prediction & Assessment fire expansion
- Situational Awareness



Elbit Systems Ltd.

Advanced Technology Center, P.O.B. 539, Haifa 3100401, Israel
E-mail: aerospace@elbitsystems.com www.elbitsystems.com

Follow us on   