

TRAFFIC GRID

Auto Incident Detection and Reconstruction

Integrated thermal imaging and advanced video analytics provide a complete solution for automatic incident and early fire detection, data collection, and accident reconstruction forensics.



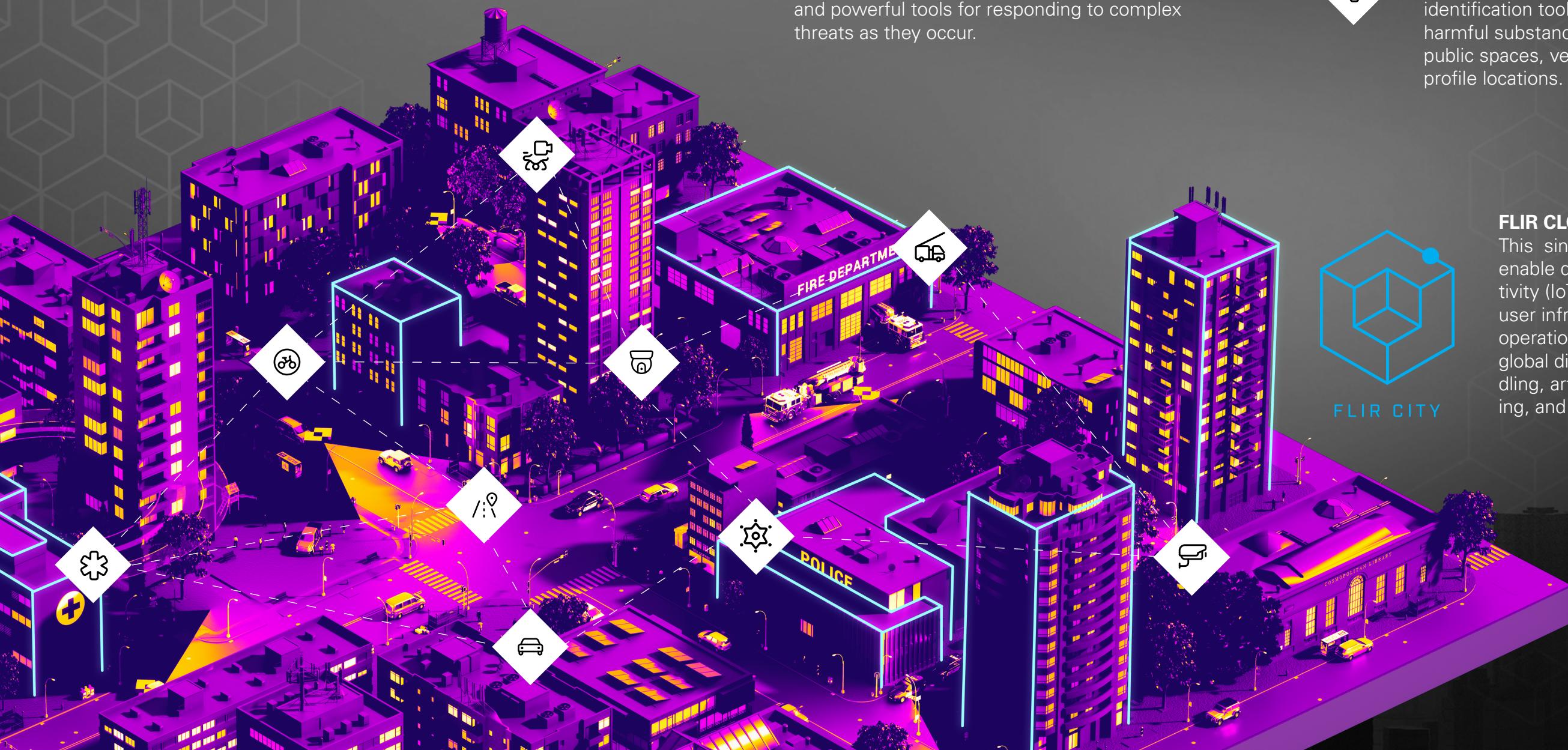
Pedestrian and Bicycle Detection

Thermal sensors enhance traffic monitoring and driver-assist systems by accurately detecting bicycles and pedestrians in intersections and on sidewalks in total darkness and adverse weather conditions.



Traffic Data

Intelligent visible and thermal sensors count and classify vehicles, bicyclists, and pedestrians, and travel-times for comprehensive congestion analysis that improves traffic flow.



SECURITY GRID

Counterterrorism

Connected mobile and fixed wide area surveillance technologies, CBRNE detection, and unmanned systems provide enhanced situational awareness and rapid response to terror threats.



Critical Infrastructure Protection

Visible and thermal surveillance cameras, video management systems, drones, radars, and unmanned ground vehicles provide 24-hour 360-degree protection of critical government facilities and public venues.



Safe City and Crime Prevention

Smart wearable and traffic sensors, powered by FLIR Cloud and VMS, use real-time video, audio, and location data to provide law enforcement agencies with a new level of situational awareness and powerful tools for responding to complex threats as they occur.



FIRST RESPONDER GRID

Law Enforcement

Connected thermal sensor solutions on unmanned aircraft, ground vehicles, and mobile surveillance systems, along with handheld night vision systems provide swift situational awareness and intelligence to aid faster decision-making in high-pressure situations.



Firefighting

High-resolution thermal & visible handheld cameras and aerial payloads with machine intelligence and temperature radiometry let firefighters see through smoke and quickly transform data into powerful insights, helping teams assess and attack fires faster.



Hazmat Response

Portable and aerial CBRNE sensors and threat identification tools help responders detect harmful substances in time to protect people in public spaces, venues, and sensitive, high profile locations.



FLIR CLOUD

This single platform for all FLIR sensors enable data connectivity, inter-device connectivity (IoT), and seamless integration with end user infrastructures, providing control and operation centers with unified access points, global displays and views, efficient data handling, artificial intelligence-driven data processing, and centralized event management.

