

PUBLIC SAFETY

ADVANCED COMMAND AND CONTROL CAPABILITIES

Our Public Safety solutions are based on Command and Control, Intelligence, and Cyber Protection Systems, strategic pillars for monitoring operations, planning and resource allocation, and advanced data processing using artificial intelligence, all protected by a cyber layer that ensures the integrity of data and systems.

The solutions stand out for their rapid and effective response, capable of saving lives, mitigating risks, and protecting properties and the environment, based on incident management concepts and best practices.

We utilize IoT technologies, georeferencing (GIS), advanced video streaming processing, communication through different means (radio, cellular, satellite), cloud or on-premises support, and interoperability with various devices and sensors, such as body cams, radars, vehicles, vessels, helicopters, robots, cameras, and drones. Data is collected in real-time and visualized in an organized manner in fixed or mobile command centers.

**Learn more about Atech's integrated solutions
and receive personalized consulting from a specialist.**



Incident Management

Rapid and Assertive Responses

The Command & Control and Incident Management System (IMS) provides comprehensive awareness of the theater of operations, enhances operational and advanced planning capabilities, offers employment flexibility, and integrates different sensors and systems, in addition to supporting diverse communication means.

Atech has incorporated into the system the ability to share data generated by drones, such as flight tracking, telemetry, and video streaming, in real-time and without pilot intervention. This allows the operator to keep their attention fully focused on the equipment's navigation.

In the command center, the platform operator monitors the drone flight and video streaming, with the ability to enable advanced features for visualizing the camera's coverage area on the platform's interface. In areas where traditional communication is unavailable, we can add a transportable satellite/cellular gateway to maintain communication between the field agent and the command center. All capabilities and services are maintained, ensuring visualization of the theater of operations even in locations with no network or communication network limitations. Tracking field agents, transmitting geolocated messages and photos, as well as monitoring drone flights and their respective video streaming, provide essential data for command decision-making.



Visualization of the theater of operations, highlighting real-time geolocation capabilities for incidents, agents, and drones.

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