



INTEGRATED REAL-TIME MONITORING

Developed based on Atech's experience and knowledge in critical systems, Arkhe Integrated Surveillance is an integrated Command & Control system designed to efficiently and accurately meet the demands in aerial, terrestrial, and maritime scenarios.

Arkhe Integrated Surveillance, a product developed by Atech, employs innovative and disruptive technologies that enhance advanced real time command and control (C2) capabilities and execute integration and interoperability processes with other systems and sensors.

The system is flexible and supports different deployment architectures, with interoperability between various fixed and/or mobile Operation Centers. Strategic data is transferred and/or shared between the centers via a secure communication network. Through its intuitive human-machine interface (HMI), which provides a geolocated representation of the elements present in the theater of operations, enabling it to monitor and surveil the aerial, terrestrial, and maritime spaces.

This enables the coordination of different types of missions, such as aircraft interception, area reconnaissance, search and rescue, among others. The system is flexible and supports different deployment architectures, with interoperability between various fixed and/or mobile Operation Centers. Strategic data is transferred and/or shared between the centers by a secure communication network.

The implemented cybersecurity mechanisms enhance the protection of the system itself, as well as the integration interfaces with other systems/databases/sensors, ensuring the integrity of the utilized data.

- *Radars (terrestrial, aerial, and/or maritime)*
- *ADS-C, ADS-B, CPDLC*
- *Data link*
- *Meteorological Data*
- *Operation Centers*
- *Sensors (cameras, buoys, vehicles, drones, etc.)*
- *Other Systems*

