



DEFENSE AND MONITORING OF TERRITORIES, DATA MERGING, INTEGRATION OF DIFFERENT INFORMATION SOURCES AND COMMUNICATION SYSTEMS

EXECUTION AND COORDINATION AMONG CONTROL CENTERS

INTEGRATED AND REAL-TIME MONITORING

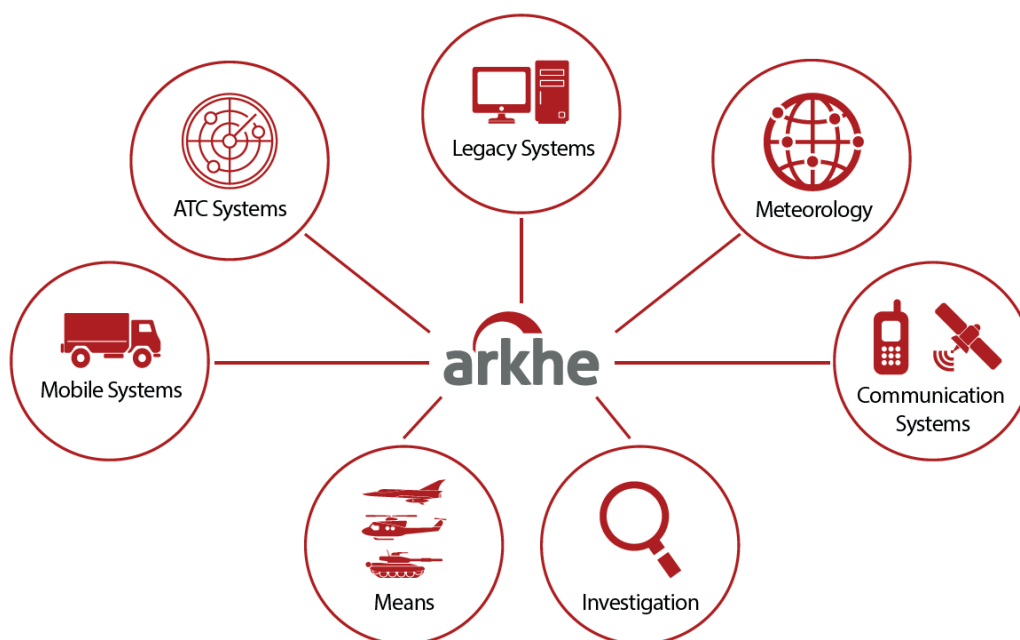
Using its expertise in development of critical integrated systems, Atech introduces Arkhe Integrated Surveillance, its newest solution for monitoring and territorial defense centers.

To monitor and defend a territory of interest, to integrate different sensors and systems, to interoperate with other control centers, both fixed and mobile, to transfer strategic data through a communication network.

These are the main bases of Arkhe Integrated Surveillance, a product developed by Atech to be the engine of a tactical operation center.

Representing georeferenced entities and with a set of functionalities to monitor and classify targets, Arkhe Integrated Surveillance allows its user to coordinate missions, such as interception, area recognition, search and rescue, among others, completely within the command center.

Created with the focus on transferring and receiving strategic information through communication networks, its ability to interact and coordinate actions with other centers makes this system a powerful tool for acting throughout the national territory, preserving and protecting the country against threats.



INFORMATION SOURCES

- RADARS (LAND, AIR AND SEA);
 - ADS-C, ADS-B, CPDLC;
 - CAMERAS;
 - TACTICAL DATA LINK;
- METEOROLOGICAL DATA;
- OTHER CONTROL CENTERS;
 - EMBEDDED SYSTEMS.

INTEGRATION, COMMUNICATION AND SCALABILITY

Arkhe Integrated Surveillance has been built over a modular structure, using the concept of building blocks to group features into small, self-contained units. In this way, it can be configured according to the needs of the final operator, enabling only the systemic resources applicable to the operational scenario of interest.

The incremental evolution of the system becomes a process of less impact, without burdening the end user with major changes in equipment and other resources first implemented.

