

ONBOARD SYSTEMS

AERIAL PLATFORMS: MULTI-PLATFORM MISSION SYSTEMS

Atech has consolidated its expertise in the development of onboard systems for the Armed Forces by creating and modernizing mission system platforms. Our advanced integration solutions between sensors and weapons systems form the basis of this onboard architecture.

In addition to modular and reliable decision support systems, we have created a communication network that contributes to agile, effective, and well-founded decision-making in challenging operational scenarios.

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





Mission Management System - MMS

Responsible for managing sensors, systems, and actuators installed on the aircraft. With a robust infrastructure, it provides support for the execution of complex tasks, control of data flow on the tactical network, and integration of operational scenario information.



Mission Support System - MSS

Brings together the planning, briefing, and debriefing modules essential for mission execution, from the initial phase to post-mission data analysis. Its modular architecture allows for application on both fixed and transportable platforms, according to the client's needs.



Combat Training Simulation - CTS

Developed to faithfully reproduce all mission environments, the solution offers a wide range of tools, such as data playback, scenario simulation, and advanced training for operators in the field.

Together, the MMS and MSS form an integrated mission systems platform capable of providing a complete and shared operational view among all members of the Defense Network. Through a tactical data link, the aircraft can transmit and receive critical information from ground C4I systems, whether fixed or transportable, increasing interaction between different forces (air, land, and sea) in a given theater of operations, accelerating the execution of the decision cycle.

Atech solutions operate in different environments and their respective missions, such as:



**Early
Warning**



**Maritime
Patrol**



**Anti-Submarine
Warfare**



**Search
and Rescue**



ISR
(Intelligence, Surveillance,
and Reconnaissance)

