

# Digital Battle Management System

Share combat  
information everywhere  
on the battlefield



**Atos**

# Share combat information everywhere on the battlefield

**Atos Digital Battle Management System (BMS)**

Digital BMS is the single complete solution for sharing battalion level land and air-land combat information on the battlefield.

Digital BMS is designed for use at command post, vehicle and dismounted soldier levels.

Digital BMS is robust and resilient software that is configured to perfectly fit with a country's doctrine and specificities using an iterative process.

The resulting solution is easily extensible to anticipate future operational requirements and ensure national strategic independence of mission critical systems.

## The efficient combat tool for commanders

- With Digital BMS, armies can rely on one single system within battalions, ensuring fast creation of joint-forces tactical task forces that efficiently share full mission information.
- A solution adapted for use at for use at command post, vehicle and dismounted soldier levels
- A trusted environment that provides actionable, current information
- User interface adapted to different levels in which allows extremely fast entry of information withing being under pressure
- Ensures optimal exchange in degraded conditions on existing tactical radio networks
- Supplies tactical situation awareness in reflex time with blue force tracking (BFT)

## The right fit for national strategic choices and doctrine

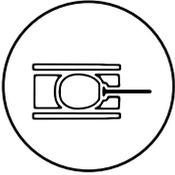
Military departments worldwide are engaged in a rationalization process of their operational information systems. They want to equip their combat units with a single, easy-to-use, ergonomic information system, that benefits from the power and flexibility in which is provided in today new technologies.

Digital BMS is designed to be customized to closely fit with a country's strategic choices. Inside battlegroups, Digital BMS makes it possible to exchange and protect operational command information, and display and share the tactical situation. Its feature set can be easily extended to encompass national missions and specificities.

Digital BMS, a combat information system designed and developed with experts of the French Army, provides combatants with improved ease of use, intuitiveness and robustness. It provides unmatched automation and information flow between all levels of command. Simple to use, its appropriation by the forces is being efficient and does not require extensive training.



**Command post** – Digital BMS gives time back to the commander by providing him with a complete and trusted view of the tactical situation. It enables him to plan missions and conduct them by taking decisions adapted to changes in his unit's situation. It aggregates information from the field and external sources in order to supply up-to-date information and relay decisions.



**Field** – Digital BMS is optimized for efficient use in field conditions, automatically relaying information from on-board sensors and weapon systems. It provides accurate tactical situational at command posts and in combat vehicles, making it possible to collaboratively share data, reports and alerts on the battlefield. Bull-BMS is an effective tool against fratricidal shooting.



**In dismounted mode** – Digital BMS enables troops on the ground to share critical tactical information, including blue force tracking and link with connected soldier equipment. Map-based situational awareness facilitates fast and efficient action, keeping foot soldiers within the decision loop.



# A combat-proven system

Atos Digital Battle Management System has been deployed in operation by the French Army since summer 2021. Known as SICS, the command and control system of the SCORPION program is used everywhere on the battlefield.

With Atos, French Army units now have an easy-to-use information system, confident and stable, that enables them to share operational pictures in near-real time over a constrained network.

As a real weapon of command, SICS provides an operational advantage and a real tactical superiority that enables them to gain the upper hand over opposing forces on the battlefield.



## Highly adaptable

The modularity of Digital BMS allows it to fit very diverse operational uses, depending on the national defense organization, doctrine and strategic equipment choices. Digital BMS is designed for combined-armed as well as international operations.

Digital BMS is designed from the ground up for land and air-land combat, with an easily extensible feature set that adapts to national missions.

Atos works collaboratively with your local defense ecosystem, from large systems integrators and vendors to SMEs. Digital BMS can easily integrate a country's choice of defense equipment e.g. tactical radio, vehicles, weapon systems, operating system etc.

Digital BMS is highly agnostic toward existing technologies such as radio network, vetronics and connected devices. Its layered architecture is based on standard, modern IT choices to ensure strategic independence.

Digital BMS is easy to extend and maintain. Atos service ensures close fitness to a country's doctrine and requirements with the Agile iterative methodology.



## Easy to use

The interface of Digital BMS is designed to be highly intuitive. It has an easy learning curve, enabling soldiers to use essential features very quickly. It adapts to usage in very varied operational conditions, making it possible to use it throughout a battalion.

As the mission evolves, soldiers can easily create tactical groups, adding and removing units on the fly. Status changes, alerts, mission assignment and messaging require only a few manipulations. Sharing observations from connected optical devices is very easy to do.

The battle map acts as a shared information board, updated in near realtime with new combat information and blue force tracking (BFT). Vetronics information is shared transparently, eliminating manual technical reporting.



## At the heart of the digital transformation of the French Army

Digital BMS is the functional and technical basis of SICS (Scorpion combat information system), the solution designed by Atos within France's ambitious Scorpion program to modernize equipment within all the French army's battlegroups.

Atos designed SICS in close collaboration with the French Army's experienced specialists in networked combat. The solution is regularly tested and optimized collaboratively with all types of users, from foot soldiers to HQ staff, specifically to meet the most demanding operational needs.

Based on Digital BMS, SICS replaces four different former systems. With the new solution, one single combat information system is used from battalion command posts to vehicles and dismounted soldiers. It handles multiple levels of decision and usage patterns, and is adapted to the constraints of the battlefield.

Atos worked closely with French and international companies of all sizes within the SICS part of the Scorpion program. This resulted in innovative solutions integrating BMS with next-generation tactical radios, future-soldier vest, highly configurable vehicle platforms, enhanced vetronics and connected equipment.

# About Atos

Atos is a global leader in digital transformation with 109,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea), listed on Euronext Paris and included in the CAC 40 ESG and Next 20 Paris Stock indexes.

The [purpose of Atos](#) is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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