EVIDEN

Share useful tactical information anywhere on the battlefield

Digital BMS is a unique, fully-integrated solution for information exchange in battalion-level air-land combat.

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

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

C2 perfectly adapted to command needs

With Digital BMS, the armed forces have a single system within their battalions, enabling them to conduct joint combat by sharing mission-specific information.

Digital BMS automates certain tasks to save time for operational staff.

This robust information system interfaces with both constrained and high-speed networks

Interoperability with the French land ecosystem and allied countries

In many countries, military forces are in the process of rationalizing their operational information systems. They want to equip their combat units with a single, easy-to-use, ergonomic information system, benefiting from the power and flexibility offered by today's new technologies.

Digital BMS is designed to be customized to meet a country's strategic or tactical choices. The full range of functions can be adapted to suit specific national missions and requirements.

Command post

Digital BMS gives time back to the commander, by providing them with a complete and reliable view of the tactical situation. It enables them to plan and carry out missions, taking the right decisions as the situation evolves. The system aggregates the information received and enables context-sensitive orders to be drafted and issued.

In embedded mode

Digital BMS is optimized for efficient use in field conditions, automatically relaying information from onboard sensors and weapon systems. It provides relevant and accurate tactical information to command posts and other combat vehicles. It facilitates collaboration and data sharing in near-real time on the battlefield. Eviden's Digital BMS helps protect our soldiers against fratricidal fire.

In dismounted mode

Digital BMS enables ground troops to share essential tactical information, including blue force tracking (BFT) and data available from the soldier's connected equipment. SICS allows dismounted soldiers to continue participating in the design and feeding of the tactical reference situation.

A combat-proven C2 system

Eviden Digital Battle Management System has been deployed by the French Army in operations since summer 2021. Called SICS, the command and control system at the heart of the SCORPION program is used everywhere on the battlefield.

With Eviden, French Army units now have an easy-to-use, trusted and resilient system, enabling them to share operational information in near-real time over a constrained network.

A true command weapon, SICS provides an operational advantage and real tactical superiority, that enables them to gain the upper hand over opposing forces.

Highly adaptable

The modularity of Digital BMS means it can be adapted to a variety of operational uses, depending on national defense organization, established doctrine and strategic equipment choices.

Digital BMS has the capability to take part in joint or international operations.

Digital BMS is a modular system, adaptable to the new needs and missions of armed forces, in the context of air-land combat.

Its layered architecture is based on standard, modern IT choices to ensure strategic independence. As such, it can easily integrate a nation's chosen equipment, such as vehicles, weapons systems, communications, operations, etc. Digital BMS is highly agnostic towards existing technologies such as radio networks, vehicle electronics and connected devices.

Digital BMS is easy to deploy, extend and maintain. Thanks to the iterative Agile method, Eviden is able to adapt doctrine to the operational needs of a national army.

Easy to use

The Digital BMS interface is designed to be 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.

Depending on the mission and its evolution, operational staff can easily adapt the order and the distribution of missions to subordinate units.

The tactical reference situation is a map whose shared information is updated in near-real time with new combat information and blue force tracking (BFT). Vetronic information is automatically integrated.

At the heart of the French Army's digital transformation

Eviden Digital BMS is the battle management system based on SICS, Eviden's solution for the Scorpion program.

SICS was developed in close collaboration with 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, to meet operational needs.

SICS replaces several systems deployed as part of the GTIA (Groupement Tactique InterArmes) battlespace digitization program. With this new solution, a single information system is used from GTIA command posts to vehicles and foot soldiers. SICS adapts to the constraints of the battlefield.

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