

SICS, SCORPION combat information system

Data at the heart of the battlefield



Atos



The SCORPION programme aims to transform the French Army's contact combat capabilities in order to adapt to new operational challenges. Better protected and more mobile, all the systems developed within the framework of the SCORPION programme and equipping France's joint battle groups are also fully connected and share combat information instantaneously. It is precisely the role of SICS, the unified information system developed by Atos, at the heart of SCORPION, to federate and exploit this combat information.

The deployment of SICS in all units is led by the French Army. In addition, the development of functionally enhanced

versions of SICS and the extension of collaborative combat will be handled by Atos in the years to come.

Committed to a process of rationalization of operational information systems (OIS), the French Defense Procurement Agency (DGA) is now equipping almost all - and soon all - of the land tactical forces with a unified information system, conceived and designed through a close collaboration between Atos and operational units. Replacing the old systems, SICS covers the needs of France's combined-arms battle groups (GTIA – groupement tactique interarmes). It enables, depending on the tactical requirements, the exchange of information required to conduct

operations, as well as the visualization and presentation of the tactical situation, all in a secure manner. SICS now offers combatants a system designed for them, easy to use, intuitive, ergonomic and robust. It brings automation of many tasks and an unequalled fluidity of exchanges between the different levels of tactical command.

With Atos, French Army units now benefit from an information system that gives them real tactical superiority. A true command weapon, SICS provides an operational advantage. It enables the sharing of situations with great trust, which makes it possible to gain the upper hand over the opposing forces on the battlefield.

Enhancing the operational capability of battle groups

A global system promoting interoperability

SICS is an operational information system deployed from the command post of the GTIA down to combat vehicles. Bringing together combatants and weapon systems, it enables the transmission and sharing of tactical information, while remaining compatible with the equipment used by the forces: VBCI (armored infantry fighting vehicle), ALAT (French army light aviation) helicopters, FELIN infantryman equipment, VBMR (armored multi-role vehicle) and soon EBRC (armored reconnaissance and combat vehicle). SICS gives a new dimension to joint combat and the digitized battlespace.



Delivering useful information as quickly as possible

The challenge of a command system is to deliver the information in an immediately understandable form, in guaranteed time, the information useful to the person who will have to decide and lead the action (command orders, evacuation requests...). To do this, SICS makes it possible to share the complete tactical situation in reflex time (Blue Force Tracking i.e. ally geolocation, information on the enemy etc.) via France's current (PR4G) and future (CONTACT) tactical radio network or any other means of communication..

SICS enables the networking of all resources in order to make the command system to communicate with the acquisition systems (sensors) and weapons systems. It offers native interoperability with systems at higher echelon and with allied forces. Developed to adapt to the constraints of combatants, it now equips ground forces and tomorrow the air-land forces. With SICS, the French Army and its 77,000 combatants are truly entering the era of the infocentric and info-valued battlefield.

Sharing information securely...

Based on its expertise in secure critical systems, and its ability to implement complex solutions in heterogeneous environments, Atos offers an innovative approach by working as an integrated team with the DGA and the French Army on civilian technologies, hardening them to meet the needs of defense.

... while controlling lifetime costs

The DGA was convinced by this approach, which makes it possible to offer modernized ergonomics and scalable functionalities within a controlled budget. The use of open technologies will reduce the cost of ownership of the tactical operational system and will adapt to future needs. This partnership, signed for more than a decade, allows us to take into account new needs and integrate them as they arise.

Focus on the mission

SICS command system provides interfaces that are perfectly adapted to the needs of the combatants who operate it. It enables, through human-machine interaction designed for operational needs, to automate the tasks and make them transparent for the operator. With useful information, combatants can make decisions adapted to the current tactical situation.

The simple, easy user interface reduces the need for training and skills maintenance. This improves the usability of the system and contributes to enhancing the operational efficiency of the French land forces.

"Scorpion is a structural program for the French Army. It addresses one of the main priorities in the White Paper on Defense: upgrading the resources available to land forces."

Directorate General of Armaments

About Atos

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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 operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the Next 20 Paris Stock Index.

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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Let's start a discussion together



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