



Newsletter #15. June 2023

[TheSophieClub.com](https://www.thesophieclub.com)

Paris Air Show 2023

How well do you know our drones?



Unmanned air systems (UAS) are changing the face of airland operations, but how much do you really know about Thales's mini reconnaissance drones for front-line units? Take part in our quiz for a chance to test your knowledge and win a ticket to the Paris Air Show!

[Play now](#)

Visit our Drone Warfare exhibit at the Paris Air Show

For the very first time at the show, a whole section of the Thales stand will be dedicated to tactical drone systems for front-line units and how they support airland operations across the entire mission value chain.

We will be presenting our vision of tactical drone operations and their critical contribution to military missions today and in the future. Our development strategy revolves around an open ecosystem of French companies dedicated to drone capabilities on the front line. During the show, we will be hosting a panel of experts from the innovative SMEs and start-ups that make up our ecosystem today, and explaining how Thales plans to expand its extraordinary potential tomorrow.



Watch the demonstrations on the Thales stand

We'd love to meet you on the Thales stand! Your tour will guide you through the latest developments in Drone Warfare and show you how Thales is contributing to four key themes:

CONTACT DRONE SYSTEMS: GROWING NUMBERS AND NEW USE CASES

Thales and its partners are presenting a range of micro/mini/MAME (Medium Altitude Medium Endurance) platforms, which could operate in the future, flying individually or in swarms, and working together to provide critical information and operational support to front-line units in high-intensity conflicts.

> Don't miss this chance to see examples from a whole array of unmanned air solutions:

- Micro-UAV systems (rotorcraft)
- Remotely-operated ammunition system
- Mini-UAV systems (fixed-wing)
- Medium Altitude Medium Endurance (MAME) systems
- Remotely operated weapons for front-line troop



FURTHER READING:

In a context of returning to high-intensity combat marked by engagement in contested environments (RF and GNSS jamming, anti-aircraft threats, and cyber threats), a new generation of tailored capabilities will emerge to enable our armed forces to maintain operational superiority.

[Find out more](#)



ACCELERATING THE OODA LOOP TO MAINTAIN OPERATIONAL SUPERIORITY

With its latest set of functions, the Spy'Ranger family of mini reconnaissance drones helps to accelerate the decision-making process, interfacing with other systems to provide invaluable decision support for operators and accelerate the entire OODA loop.

- > Highlights of the exhibit at the Paris Air Show will include our range of day/night optronic for image-based intelligence ([IMINT](#)) missions - hyper-assisted by a suite of algorithms, some of which are directly derived from those developed for the TALIOS nacelle deployed on the Rafale fighter jet.
- > On top of that, Thales will be unveiling an innovative [SIGINT function](#) for the Spy'Ranger family that will further expand the operational scope of the mini-UAS concept to include electronic intelligence gathering on the front line.

FURTHER READING: Discover the Spy'Ranger Family

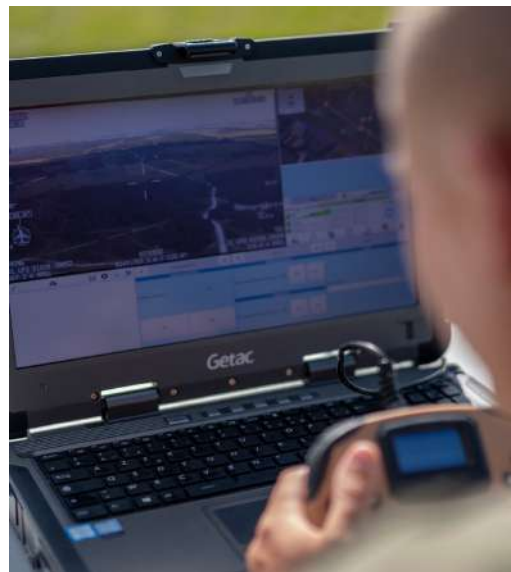
Supporting intelligence, surveillance and reconnaissance missions.

Find out more on Spy'Ranger

THE UNIVERSAL SPY'C STATION: SEAMLESSLY INTEGRATING FRONT-LINE DRONES WITH COOPERATIVE AIRLAND OPERATIONS

Your ability to operate all types of contact UAVs and integrate them into the collaborative air-land combat bubble.

- > Come and discover the C2 Spy'C universal station and its interfaces – the software that drives the integration of contact drone systems in collaborative air-land combat.
- > Already combat-proven by the French forces on the SMDR programme, Spy'C is exceptionally easy to operate thanks to an intuitive user interface designed with the Forces themselves for the Forces.



FURTHER READING: The Spy'C Station

Fly autonomously, avoiding obstacles and terrain reliefs with an integrated mapping system.

Find out more on the Spy'C



INCREASING THE SURVIVABILITY OF CONTACT DRONES FOR HIGH-INTENSITY COMBAT DEPLOYABILITY

With the return of high-intensity operations, tactical drones are suffering high attrition due to their inability to withstand contested environments (GNSS jamming and communication jamming) and certain threats (ground-air defense radar). Thales is preparing to offer the armed forces a new generation of contact UAVs for high-intensity combat.

> This part of the exhibit will showcase some of the tangible solutions that Thales can provide to maximise drone survivability and allow units on the ground to maintain the tactical advantage, come what may.

> **Would you like to come and visit us on our stand to discover these new solutions?**

[Register here](#)



CONTACT US

For any further question, you can contact us at :
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