



Newsletter # 16 - August 2023

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

Interoperability

## Sophie x VisioLoc® x Spy'Ranger: perfect coordination in high-intensity combat



An area of the Thales pavilion at the Paris Air Show in June was specially dedicated to drone warfare. Thales joined forces with six tech start-ups and small businesses to put together a comprehensive presentation of front-line drone systems and loitering munitions and their value on the modern battlefield.

### Interoperability: the Spy'C universal station at the heart of the equation

Already proven in combat by French forces with the **SMDR programme**, the [Spy'C station](#) plays a central role in integrating front-line drone systems and loitering munitions into the broader airland warfighting system. Its interoperability with the **ATLAS artillery C2** and other **key systems in the OODA loop** brings combined arms task forces the eyes in the sky of the artillery observer and significantly raises the tempo of the combat manoeuvre.

Thales is currently working on interfacing Spy'C with the combat information system for France's Scorpion armoured vehicle programme. Last but not least, the Spy'C software architecture is natively multi-drone, making it the ideal C2 for deploying swarms of drones (with [Scalian's EZ-CHAINS](#) module, for example).

### Media coverage: the Spy'Ranger on parade for Bastille Day, the French national holiday (14 July)



VisioLoc®: who needs it and why? Find out at DSEI!

Imagine you're on an infiltration mission in unknown territory, where every move calls for the utmost precision and discretion. With [VisioLoc®](#), your [Sophie Ultima](#) hand-held thermal imager becomes much more than a simple observation tool – it lets you determine target coordinates with unprecedented accuracy when satellite signals are unavailable or jammed.


Integrated with the [4th generation Sophie family](#), the innovative VisioLoc® solution uses advanced algorithms to determine your position, so you no longer need to rely solely on GNSS signals, which can be affected by obstacles, interference or jamming. That means you can extract target coordinates reliably, even in the most complex and hostile environments.


It's a game-changer for dismounted units. They can move with confidence and precision, knowing they have reliable location data at all times. And they can share the information with other soldiers in the task force for optimum coordination and to avoid positioning errors that could jeopardise the mission.

Visit us at the DSEI exhibition in London from 12-15 September to find out more.

THALES CREATED  **VisioLoc®**  
FOR **TACTICAL AND SPECIALIST LEADERS**

**SOPHIE ULTIMA FOR  
CONVENTIONAL FORCES**

 **VisioLoc®**, a game-changer solution  
for GNSS denied environments &  
signal jamming situation

SOPHIE Ultima or Optima +  **VisioLoc®**  
➤ A unique capability of geolocalisation  
& coordinates extraction



**SOPHIE OPTIMA FOR SPECIALIZED  
FORCES**



 **VisioLoc®**



## Why choose Thales for your Night Vision Goggles? - Episode 3: Focus on the Easy Infiltration family

**Purpose-designed night vision devices that will revolutionise your infiltration operations**

Dismounted soldiers need to remain agile and mobile in all circumstances. The Easy Infiltration family of NightRise night vision devices from Thales includes 4 models – Minie, Monie, Lucie and Elfie – so you can move with ease and discretion, come what may, even in the deepest darkness. Their cutting-edge technology amplifies available light, transforming the darkest nights into total clarity on any type of mission.

[Minie](#), for example, is the smallest bi-ocular night vision device on the market. Already combat-proven with the French armed forces, this ultra-compact device features a 51° field of view and a Thales-patented FoldedDesign™ architecture for optimum comfort, and weighs in at just 345 g including batteries!

Find out more about the Easy Infiltration Family

Re-view previous episode [here](#):

- Episode 1: Introducing the complete NVG Family
- Episode 2: Focus on the tactical + Family



### CONTACT US

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