



Newsletter #5, June 2021

TheSophieClub.com

Nellie & Optima: One year after the launch!

Nellie and Optima: one year ago... First Anniversary!

If you think back one year ago, Thales launched two featured products:



Firstly, [Nellie NightRise Goggles](#), the new ultra-lightweight I² binocular combining enlarged field of view (47°) and high resolution with optimum ergonomics, to provide an **operational advantage** during long night missions for **dismounted and mounted soldiers**.

Secondly, [Sophie Optima](#), [Sophie Ultima](#)'s little sister, offers contact Unit Leaders the **optimal compromise**: a 4-in-1 night and day solution in only 2.5kg, with the advantages of **uncooled technology**.



One year after the digital launch, Thales team will be more than happy to show you these two equipments at the SOFINS exhibition from the **29th of June** until the **1st of July 2021** (Bordeaux – France), to talk about their new capabilities and answer all your questions.

Find out more about SOFINS
event

ZOOM ON: How Thales Night Vision Goggles are designed ?

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How Thales Night Vision Goggles are designed ?

With more than **110,000 Night Vision Goggles** (NVG) in operation worldwide, selected by French and NATO forces, Thales is a well-known pioneer in the field of optronics, particularly in Night Vision equipments with high optical performances.

Today we open our doors to one of our French optical center of excellence where we also manufacture the famous Angénieux cinema lenses.

Have you always wanted to know how we design our Night Vision Goggles?

In this article, Gregoire Bastin (NightRise Goggles Engineering Manager) will explain to you everything from conception to manufacturing, through all standards and Thales' environmentally friendly approach.

Discover all secrets of Thales NVG
conception

THEY TALK ABOUT US

Spy'Ranger: the Flying Eyes of Operation Barkhane

After its launch in Mali, 8 years ago fighting against jihadism, the French President Emmanuel Macron has announced on the 10th of June the end of Operation Barkhane. Led by French armies since 2014 with G5 Sahel countries, Operation Barkhane has shown how important the UAV strategic role is in supporting dismounted soldiers. French Army trusts Thales [Spy'Ranger 330](#) to be the flying eyes during Operation Barkhan.



Here an example of an operational support:

While scouting a village west of Gossi, Desert Battle Bison infantrymen spotted two all-terrain vehicles fleeing, preceded by gunfire. We had to react quickly: the forward command post decided to deploy the SMDR.

The goal? Secure the progress of the troops, try to find the fugitives and acquire intelligence on the movements of the surrounding land.

"This is one of the functions of this system, [...] in a few minutes, we are the eyes of the battle group thanks to a real-time video mirroring screen and we are able to offer them intelligence on their entire sector" (Sgt. Alexis, a Spy'Ranger French operator)

> [Read the entire official article from French Government website \(in french\): BARKHANE : Les drones, un appui pour les troupes au sol \(defense.gouv.fr\)](#)

Indeed, soldiers rely on mini UAS like [Spy'Ranger](#) family, which heralds a new era in intelligence gathering by forward units and confirms the crucial role of optronics in the collaborative combat of tomorrow.

> [Read our latest article - Spy'Ranger- Your Flying Eyes in High Intensity Conflicts](#)

Sophie Roadshow in Australia



Did you miss it? For your greatest happiness, Sophie Tour is back and its first stop was in Australia on May 2021. Thales teams have demonstrated there the new generation of multi-function target locator, [Sophie Ultima](#) to Australian Army, from forward observer to special forces.

“The Sophie Ultima has a field-of-view twice as wide as any HHTI on the market”

The Defence Technology Review, June 2021, Australia

> [They talk about Sophie Ultima – The Defence Technology Review, June 2021](#)



CONTACT US

For any further question, you can contact us at : marketing.optronics@fr.thalesgroup.com

Visit our dedicated website : thesophieclub.com

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