

# At the heart of night vision

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## A growing defense market with rising global tensions

Next to diplomatic scenes, the Munich Security Conference is not only the place where international security issues and policies are discussed, but also where upcoming conflicts and tension areas are deciphered and come under the spotlight. The growing spending of the European defense, as a result of the war in Ukraine, and the annual growth rate of the Asia Pacific Defense market due to the tense situation in South-East Asia, is bringing defense companies to steadily adapt and increase their production volume. Now more than ever, the market leaders such as Photonis are at the forefront of this battle where cutting-edge technologies with the highest quality requirements must be produced and delivered to companies and / or governments within weeks: A challenge that cannot be met by all companies in the market right now!

## Unlock your strategy with the right technology

The technology used is key to unlock your strategy and increase its successful implementation to its full capacity. As battles are more and more led by night with night vision devices, there is no winning strategy without the right technology arming the troops – something well integrated by the leading armed forces in Europe and Asia who chose Photonis for their equipment: "Nowadays night vision devices are a key element and an undeniable technical advantage of all modern armies and special forces, and the recent situation in Ukraine has confirmed it. Indeed, Ukrainian forces would not have been able to counter-attack Russian positions without the use of night vision devices" Frédéric Guilhem, Executive Commercial Officer at Photonis.

With over 85 years of experience, as a world leader in the design and manufacturing of image intensifier tubes, Photonis provides a comprehensive range of innovative products through cutting-edge technology which meet the need of night vision operators in any condition. By meeting the newest operational requirements of the NATO Defense Forces, the Photonis 4G and 4G+ image intensifiers provide new capabilities which would outperform and might make international competitor's products obsolete in certain situations – in other words, Photonis would reveal the invisible while some competitors would be blind, unable to detect the threats on the battlefield.

## Enhance your user's performance with cutting-edge technology and breakthrough innovation

The historical know-how, the international experience with very demanding operators and, with it, the continuous massive investments in R&D, led the European company to be the first manufacturer in the world to develop white phosphor image intensifier tubes in the Y00's and a 16mm format tube in the Y10's. A new standard which enabled the design of modern, lighter and smaller night vision binoculars. While it is important to maintain the best performance of an image intensifier in all light conditions, it is nearly equally important to make this equipment as easy and comfortable to use in battlefield conditions allowing effective soldiers to operate safely. This means meeting all expectations such as mobility, situation awareness, identification of the threats, for the same power but smaller size and weight, thereby improving the user comfort and experience and as a consequence the user's operational performance and safety.



While operators need light and innovative image intensifier tubes that highly perform in the darkest nights, they also need to rely on a trusted partner that is able to deliver its products the same fast and effective way that it delivers its promises. The solid relationship of trust that Photonis built with the most influential armies in the world proves its ability to deliver the state-of-the-art optronics technology to see in very low light conditions.

Seeing more and further than others with the optimum performance image intensifiers and systems that are always more powerful than those of the opposing forces is the challenge tackled by this market leader which brought its technology to become the standard in virtually all European programs. As a trusted contractor for all NATO countries and affiliates, the Photonis products, which remain the preferred choice for European Armed Forces, are currently deployed worldwide and face a growing demand from armed forces anxious to quickly equip themselves with the latest night vision devices to own the night!

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### About Photonis

Accompanied by HLD since 2021, Photonis is a high-tech company, with more than 80 years of experience in the innovation, development, manufacture and sale of technologies in the field of photo detection and imaging. Today, it offers its customers detectors and detection solutions: its power tubes, digital cameras, neutron & gamma detectors, scientific detectors and intensifier tubes allow Photonis to respond to complex issues in environments extremely demanding by offering tailor-made solutions to its customers. Thanks to its sustained and permanent investment, Photonis is internationally recognized as a major innovator in optoelectronics, with production and R&D carried out on 5 sites, in Europe and the USA.

For more information: [www.photonis.com](http://www.photonis.com)

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