Electronic Warfare
COUNTER
every threat
Protecting the warfighter

Photonis is a leading provider of Electronic Warfare solutions to militaries around the world. Our continual innovation and development allows warfighters to make the first move against any threat.

Electronic Warfare Relies on Photonis

For over six decades Photonis has provided microwave, millimeter and radio frequency (RF) components and sub-systems for electronic warfare devices installed on some of the military’s most widely deployed platforms.

Delivering superior RF amplification across a wide range of frequencies, Photonis Traveling Wave Tubes (TWTs) are a versatile and highly reliable solution for specific bandwidth applications and broadband multi-octave requirements, supporting radar jamming across multiple sources and multiple frequencies.

Photonis TWT and TWT Amplifiers are customized to support your requirements for continuous wave or pulsed operations at varying frequencies and power levels, depending on the threat. Our Microwave Power Modules combine Solid State (SS) amplifiers and TWT technology in a compact form to support both microwave and millimeter wave frequencies, making them ideal for jamming solutions such as decoys and pod or internally mounted jammers.
Our patented technologies support a wide range of Electronic Warfare capabilities and tactics. From target detection, realistic training and simulation to decoys and jammers, Photonis ensures the safety of assets and lives on the ground, in the air and at sea.

**Warfare Simulators**

Warfighters rely on extensive, high-quality simulation and training to hone skills critical for survival. Photonis has over six decades of experience engineering and modelling Electronic Warfare solutions for realistic simulations of noise, deception and transponder tactics for superior training preparation.

- Weapon System Simulators
- Jamming Simulators
- Countermeasure Training

**Electronic Countermeasures**

Fast, reliable detection of incoming threats is a critical component in warfare superiority. Photonis products provide the critical technology essential for target augmentation, signal jamming, expendable and shipboard launch decoys and self-protecting countermeasures.

- Active Countermeasures
- Towed or Expendable Decoys
- Radar and Signal Jamming
- Target Augmentation or Deflection

**Supporting Land, Air and Sea**

Photonis products are widely installed on fixed-wing and rotor airborne platforms, including, AC-130H, MC-130E, AH-1, AH-64 and a wide range of aircraft flown by a variety of nations including the F-15, F-16 and F-18. Our shipboard programs include the SLQ-32 and are installed on the Aegis, Burke and CVN platforms.

Photonis products are included in a wide range of simulators supporting shipboard, airborne and UAV situations, including the DLQ-3B, ALQ-188 and the versatile ALQ-167.