



MOBILIZE KILL-CHAIN IN DUE TIME ***against time-critical threats***

AIR THREATS



LAND THREATS



SURFACE THREATS



- ▶ Uncooled Thermal Camera
- ▶ Low Light Camera
- ▶ Zoom x10
- ▶ Eye-safe Laser Range Finder

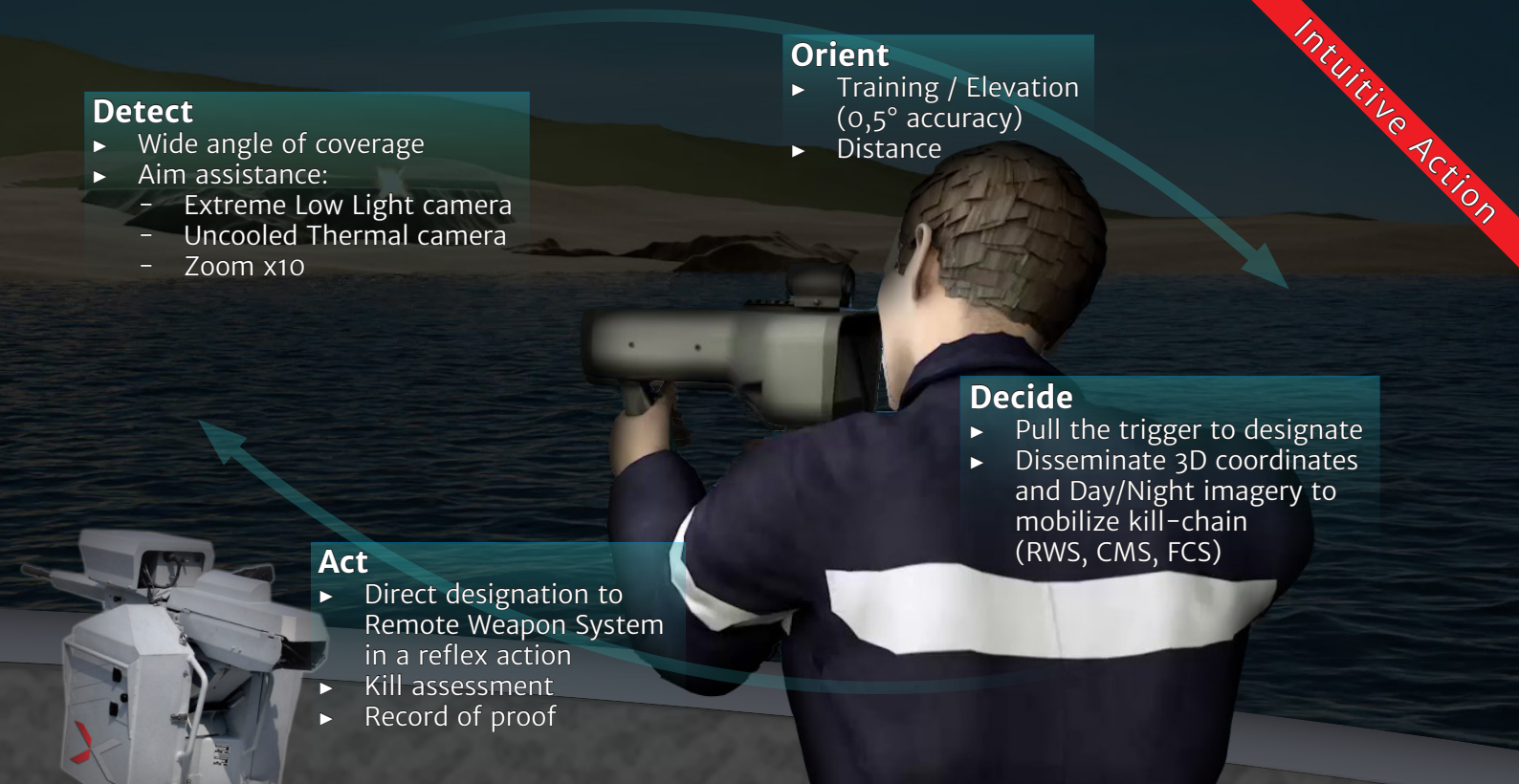


MINIMIZE YOUR SENSOR-TO-SHOOTER LOOP

When automated systems of vessels could face difficulties to detect time-critical threats, the **IPD**, integrating the outstanding performance of human perception of threats in close-in-defense context, **plays a decisive role bringing a highly responsive and robust solution to shorten kill-chain** in most critical situations including lately detected surging threats.

Key capabilities:

- Widen the limited Field Of View of the built-in electro-optic sensor system of any Remote Weapon Systems
- Just aim at residual threats in a reflex action & Pull the trigger to Designate
- Disseminate accurate 3D coordinates directly to the Remote Weapon Systems
- No need to adapt the Chain of Command



Detect

- ▶ Wide angle of coverage
- ▶ Aim assistance:
 - Extreme Low Light camera
 - Uncooled Thermal camera
 - Zoom x10

Orient

- ▶ Training / Elevation (0,5° accuracy)
- ▶ Distance

Act

- ▶ Direct designation to Remote Weapon System in a reflex action
- ▶ Kill assessment
- ▶ Record of proof

Decide

- ▶ Pull the trigger to designate
- ▶ Disseminate 3D coordinates and Day/Night imagery to mobilize kill-chain (RWS, CMS, FCS)

Intuitive Action

FROM DETECTION, IDENTIFICATION TO DESIGNATION

The high performance IPD instantaneously outputs, in all conditions, **accurate coordinates and imagery** of any air, land or surface **weak signal visually detected** towards Remote Weapon, Electro-Optic Sensor and Combat Management Systems.

Characteristics:

- ▶ Interoperability: RWS, CMS, FCS, NAV
- ▶ Physical interface via Ethernet/IP cable
Specific interface on request (FDDI, serial link, analog)
- ▶ Power supply: 115/240V, 50 to 60 Hz single phase
- ▶ Operating temperature range: - 25°C to +46°C
- ▶ Relative humidity: 96%
- ▶ Environmental: IP 56, MIL-STD 810 G & MIL-STD 461 G



BEST IN CLASS NAVAL OPTICAL DESIGNATOR FOR TIME-SENSITIVE THREATS

Our combat-proven target designators renowned for mobility and outstanding accuracy have been chosen by some 10 leading navies around the world.

 <p>Country: UK Beneficiary: Royal Navy Program: T45 In-service: 12 units</p>	 <p>Country: FR Beneficiary: French Navy Program: RMV-FLF, FREMM, HRZ, OP3A In-service: 30 units</p>	 <p>Country: KSA Beneficiary: Royal Saudi Navy Program: SWI II In-service: 6 units</p>	 <p>Country: ML Beneficiary: Royal Malaysian Navy Program: LCS, Gowind In-service: 12 units</p>
 <p>Country: IT Beneficiary: Italian Navy Program: LHD, FREMM, HRZ In-service: 26 units</p>	 <p>Country: EGY Beneficiary: Egyptian Navy Program: FREMM In-service: 2 units</p>	 <p>Country: MAR Beneficiary: Royal Moroccan Navy Program: FREMM In-service: 2 units</p>	 <p>Country: NW Beneficiary: Royal Norwegian Navy Program: SKJOLD In-service: 6 units</p>

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