

CV90 Simulated Fire Control System for TACTIS

Case Study



Description

When the Royal Netherlands Army decided to expand the successful TACTIS (Tactical Indoor Simulation system) to include the CV90 Infantry Fighting Vehicle, Beck Optronik Solutions was selected to supply the high fidelity simulated fire control systems. BOS had previously supplied simulated Leopard 2A6 fire control systems under the TACTIS programme.

Wherever possible commercial grade COTS components were used to minimise costs without decreasing fidelity.



Gunner's Stabilised Sighting System

- Monocular channel bases on a TFT LCD
- Laser Range Finder symbology based on a 7 segment displays and LEDs
- Biocular thermal display based on a green OLED display
- Unity Vision Periscope based on a TFT LCD

Commander's Stabilised Sighting System

- Monocular channel based on a SXGA FLCOS micro-display
- Biocular thermal display based on a green OLED display
- Unity Vision Periscope based on a TFT LCD

Similar systems have been produced for a wide range of vehicles including:

Leopard 1A5, 2A5 & 2A6	Stryker	Scorpion
Pandur	Desert Warrior	Scimitar
Challenger 2	CV90	

About Beck Optronik Solutions

BOS has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, BOS delivers complex, integrated electro-optic systems for defence and commercial use across the electromagnetic spectrum from UV to LWIR.

For pricing or further information please contact us at:

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