

Description

When the fire control systems in the UK Army's Warrior AFVs were upgraded as part of the BGTI programme there was a need to upgrade the precision gunnery training systems in Lulworth and Sennelager. Beck Optronics Solutions was contracted to characterise the actual fire control systems and replicate these with high fidelity training systems.

Despite facing several technical challenges more than 50 sets were delivered in less than 18 months from receipt of the contract.



Gunner's Stabilised Sighting System

X8 Monocular Laser Elbow using a SXGA FLCOS micro-display

Biocular Thermal Display based on a green CRT

Unity Vision Periscope based on a TFT LCD

CAPU (Control And processing Unit)

Commander's Stabilised Sighting System

Swinging arm X8 Monocular Sight based on a SXGA FLCOS micro-display

Biocular Thermal Display Unit based on a green CRT

Unity Vision Periscope based on a TFT LCD

Flat Panel Display with full membrane switch functionality

"The Warrior simulators have proven to be an excellent addition to the training facilities here at Larkhill. They have allowed the most realistic training short of actually deploying vehicles, which comes with the associated operation and maintenance costs. We are also able to train more personnel under closer control, which, considering current operational requirements, is a distinct advantage"

Chief Instructor, Targeting Branch RSA

About Beck Optronics Solutions

Beck has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, Beck 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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