

► DIVISION *ELECTRONIC SOLUTIONS*

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Rheinmetall Electronics UK's Trailblazer Drivers Vision System offers improved safety benefit to users

Rheinmetall and its subsidiary Rheinmetall Electronics UK Ltd are pleased to announce that their Trailblazer Camera Modules has met key safety requirements, allowing the system to be accredited to Safety Integrity Level (SIL) 2.

The Trailblazer Safety Design has been engineered in accordance with IEC61508. The safety design and controls have been independently assessed and deemed to be compliant with IEC61508 SIL 2 and ISO26262 Automotive Safety Integrity Level B (ASIL B), the functional safety standard for road vehicles. Compliance with these standards ensures Trailblazer can be used as the driver's primary vision system, enabling hatch down driving in tracked and wheeled armoured vehicles.

Trailblazer system is the chosen vehicle vision provider across several armoured vehicle platforms including the Boxer Mechanised Infantry Vehicle and Challenger 3 for the British Army.

Trailblazer improves driver and crew effectiveness by extending visibility beyond the normal daylight spectrum, overcoming adverse weather and low-light conditions with enhanced thermal imagery, using Rheinmetall Electronics UK's Video Fusion algorithm. Trailblazer is safe by design and is the preferred Driver Vision System for hatches down driving in all weather and light conditions.

TRAILBLAZER Drivers Vision Systems can be configured from an array of several Camera Modules offering fields of view covering 68°, 90°, 180° and 240° alongside specially designed military displays and other accessories. The TRAILBLAZER system can be used as both Drivers Indirect Vision System (DVIS) and a Local Situational Awareness System (LSAS) when several modules are placed around the vehicle.

Rheinmetall Electronic UK's Trailblazer system will be demonstrated on booth H5-110 at DSEI.



► Key facts

- Rheinmetall Electronics UK will show TRAILBLAZER at DSEI on booth H5-110
- TRAILBLAZER acts as the eyes of the armoured vehicle
- The TRAILBLAZER system is specially designed for hatches down driving

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Dan Goldsmith, Rheinmetall Electronics UK's Vehicle Vision Business Manager said:

"Delivering class-leading performance whilst maintaining video integrity and reliability in military applications is extremely challenging but of the utmost importance. Ensuring the safety of the driver, crew and dismounted troops and delivering a safe capability to our customers is a primary design consideration for the REUK team."

ENDS

Notes to editors

Rheinmetall Electronics UK have been part of the Rheinmetall Group since 2009. The company was established in 1999 to advance digital signal processing and operates from their headquarters based on the Isle of Wight in the south of England.

Rheinmetall Electronics UK provide Mission Systems to government, defence, security and communications customers. The offering also includes situational awareness systems for armoured vehicles, long range surveillance video processors and products for electronic warfare and cyber applications. The company is part of the Boxer MIV and Challenger 3 team, which drives two of the most important modernisation programs for the British Army.