

New at DSEI 2023

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Rheinmetall Electronics UK Announce OVERVIEW 360° Situational Awareness System at DSEI

Rheinmetall Electronics UK Ltd are pleased to announce the launch of their latest vehicle vision product, OVERVIEW at DSEI, London, UK.

OVERVIEW will be presented on the Rheinmetall booth H5-110 during DSEI, along with Rheinmetall Electronic UK's other Vehicle Vision Systems. OVERVIEW is a highly localised situation awareness sensor sub-system providing the driver of large vehicles with a view of their immediate environment. This view goes down to a zero-range ground intercept, facilitating safe and effective manoeuvring and detection of threats and safety concerns.

The OVERVIEW system provides an optimised capability for large military vehicles, which typically have restricted visibility of obstacles and personnel within close proximity. This field of view covers 360° and includes detailed visibility of the situation on the ground, up to and including, wheel or track lines.

The product will be a key component in the improvement of the safety case for armoured vehicle operations, providing full visibility of traditional blind spots, potentially removing the requirement for the banksman role within the crew, ensuring all personnel are within the vehicle, and improving safety for dismounted troops.



REUK's OVERVIEW combines images from several high specification sensors located around the vehicle for an optimum view of the surrounding environment, as if from directly above.

► Key facts

- Rheinmetall Electronics UK will show OVERVIEW at DSEI on booth H5-110
- The OVERVIEW system gives the user a 360° view of their surroundings
- OVERVIEW is a safety vision system for armoured vehicles

► Contacts

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Compatible with Rheinmetall Electronics UK's TRAILBLAZER Driver Vision System camera modules, OVERVIEW enables Rheinmetall to deliver a holistic view of the vehicle with the addition of this highly localised situational awareness capability. The OVERVIEW system has a highly intuitive, real-time video output and is presented to users through networked or point-to-point video interfaces.

Wayne Cranwell, Rheinmetall Electronics UK's Head of Sales said: "We saw in last year's British Army Warfighting Experiment how OVERVIEW can give the vehicle's crew immediate advantage – not only in manoeuvre, but also in the detection of close-in threats and boosting confidence when operating with dismounted troops nearby. Training burden is virtually nil, and along with military build quality and readiness for Open Architecture integration, will make for a turn-key proposition".

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.

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.