

BattleView 360: Cutting Edge Technology So Soldiers Can See Through Vehicles | Future Armoured Vehicles Survivability

Future Armoured Vehicles Survivability 2016 will address recent industry developments to help you optimise your armoured vehicle platform for maximum protection

LONDON, ENGLAND, UNITED KINGDOM, July 11, 2016 /EINPresswire.com/ -- For soldiers manning [armored vehicles](#), assessing their operational environment is challenging. The vehicles they're in are noisy, and the soldiers are surrounded by tons of steel, with only a limited view outside. Spotting the enemy in rough terrains and dense environments, identifying friend from foe, and tracking enemy movements can be a daunting task. BattleView 360 is an agile situational awareness tool developed by BAE Systems that employs advanced monochrome and imaging technology, providing soldiers with a 360-degree, real-time view outside of their combat vehicles. External optical sensors operating in normal vision or infrared feed imagery to a helmet-mounted display that synchronizes with head movements and stitches together a complete picture of the battlespace.

Soldiers can also plug in a tablet display to BattleView 360 to digitally collate, map, and classify various features on the battlefield to track their environment. Better knowledge of surroundings brings [increased combat effectiveness and survivability](#), enabling safer route planning, speedier communication and information sharing, and more rapid targeting. In addition, soldiers can share what they are seeing with other crew members or their commanders to boost response time. "When we set the concept behind BattleView 360 into motion, we were focused on a way of helping soldiers on the battlefield understand their environment, to quickly identify hazards and react to rapidly evolving scenarios," said Mr Dan Lindell, Platform Manager for the CV90 Infantry Fighting Vehicle at BAE Systems Hägglunds. "BattleView 360 is a leap into the future when it comes to situational awareness in ground combat."

(Source: BAE Systems, 9th June 2016, 'BattleView 360: Cutting Edge Technology So Soldiers Can See Through Vehicles')

Against this backdrop, SMI is proud to announce that Mr Dan Lindell, Platform Manager, Combat Vehicles at BAE Systems Hägglunds will be providing a case study on the BattleView 360 tool and potential plans for its integration within the CV90 programme at the highly anticipated [Future Armoured Vehicles Survivability 2016](#) conference, taking place on 23rd - 24th November 2016 in



London, UK. His presentation, titled 'Increasing Armoured Vehicle Survivability Through Enhanced Situational Awareness - Effectively Enhancing Augmented Reality', will be taking place at 15:30 on Day One and will address the following key points:

An overview of the rationale behind BAE Hägglunds Battle View 360 system: How can augmented reality enhance situational awareness?

- Survivability advantages delivered:
 1. Blue force tracking
 2. Red force tracking
 3. Target acquisition
- Challenges to consider such as system integration and human factors
- Potential plans for integration within CV90 and feedback from trials and development

Industry speakers confirmed includes:

- Mr Dan Lindell, Platform Manager, Combat Vehicles, BAE Systems Hägglunds
- Dr Bryan Vaughan, Head of Materials, Lockheed Martin UK
- Mr Roger Sloman, Managing Director, ABBS
- Mr Taylor Hayley, Business Development, Skydex Technologies

New 2016 speaker line-up also features (more speakers to follow):

- Brigadier General Didi Ben Yoash, Head of Future Combat Vehicle Team, Israeli MoD
- Brigadier General Markus Laubenthal, Chief of Staff, US Army Europe
- Brigadier General Derek Macaulay, Chief of Staff Army Strategy, Canadian Army
- Colonel William Nuckols, Director for Mounted Requirements, Manoeuvre Centre of Excellence, US Army
- Colonel Dag Sjøberg, Director Armaments Branch, Norwegian Army
- Lieutenant Colonel Mark Brown, Director Capability Integration, Manoeuvre Branch, United States Marine Corps
- Major Claus Johansen, Head of the Armoured Vehicles Study and Development Branch, Danish Army Combat & Fire Support Centre
- Colonel (ret'd) Mike Smith, TARDEC Science & Technology Advocate at the Manoeuvre Centre of Excellence, United States Army
- Professor Bryn James, Head of Armoured Protection, DSTL, UK
- Mr Perry Wells, Senior Project Manager, National Research Council, Canada
- Mr Piet-Jan Leerdam, Scientific Research Manager, Force Protection, TNO
- Chairman: Brigadier Simon Deakin (ret'd), Former Director Force Development, British Army

To view the conference programme with full presentation details, visit

<http://www.favsurvivability.com/einpresswire>

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