

# 'See-through' tanks are coming: Military tech lets soldiers plot enemy routes while remaining behind armoured walls

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

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[/EINPresswire.com/](http://EINPresswire.com/) -- In order to protect troops on the battlefield, vehicles need to be heavily armoured, but this has led to a trade off in visibility. But [BattleView 360, developed by BAE Systems Hägglunds](#), aims to get around the issue by incorporating data feeds from cameras and sensors and streaming the information to a display for the soldier. The technology is a progression of that already being tested by fighter pilots, such as the F-35 jet's helmet which incorporates 360 video, navigation and weapons systems data. BAE claim the system can help with decision-making in the field and help soldiers recognise friend from foe. The heads up display can incorporate a vehicle's camera feeds, giving troops a 360 view of their surroundings and effectively enabling them to see through the walls of the vehicle. But it can also overlay map and sensor data from other vehicles and intelligence sources, to track movements of enemy units in the area.

(Source: Daily Mail, 3rd June 2016, "'See-through' tanks are coming: Military tech lets soldiers plot enemy routes while remaining behind heavily armoured walls")



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 2nd annual [Future Armoured Vehicles Survivability](#) conference, taking place on 23-24 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

SMI's [Future Armoured Vehicles Survivability 2016](#) conference will provide unrivalled insight into what leading land forces and their selected OEMs are doing to enhance the safety and protection of mechanised personnel. Through an exploration of the latest technology and concepts of operation for enhanced survivability, this unique event focuses on the collaboration between military and industry,

inviting not only the programme managers and operational commanders at the forefront of armoured vehicle procurement and use, but also, the lead engineers, chief scientists and technical directors from the vehicle manufacturers themselves, who create the platforms and technologies at the heart of armoured vehicle protection.

The 2016 agenda features the following:

#### Military Speakers

- Chairman: Brigadier Simon Deakin (ret'd), Former Director Force Development, British Army
- Brigadier General Markus Laubenthal, Chief of Staff, US Army Europe
- Brigadier General Derek Macaulay, Chief of Staff Army Strategy, Canadian Army
- Brigadier General Didi Ben Yoash, Head of Future Combat Vehicle Team, Israeli MoD
- Colonel William Nuckols, Director for Mounted Requirements, Manoeuvre Centre of Excellence, US Army
- Colonel Klaus Schiefenbusch, Chief of Combat Division, Concepts and Capabilities Development Centre, German Army
- Colonel Dag Sjøberg, Director Armaments Branch, Norwegian Army
- Colonel Tomas Dvoracek, Director, Land Forces Armaments, Armaments and Acquisition Division, National Armaments Office, Czech MoD
- 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

#### Defence Research Speakers

- Professor Bryn James, Senior Fellow, Platform Systems Division, DSTL, UK
- Dr Arild Skjold, Senior Scientist, Land Systems Division, FFI, Norway
- Mr Perry Wells, Senior Project Manager, National Research Council, Canada
- Mr Piet-Jan Leerdam, Scientific Research Manager, Force Protection, TNO, Netherlands

#### Industry Speakers

- Mr Dan Lindell, Platform Manager, Combat Vehicles, BAE Systems Hägglunds
- Mr Thomas Bristow, Environmental System Design Authority, Engineering, Lockheed Martin UK
- Major (ret) Kevin Sloan, Former British Army, International Business Development Manager, Soucy Defense
- Mr Roger Sloman, Managing Director, Advanced Blast & Ballistic Systems
- Mr Taylor Hayley, Business Development, Skydex Technologies

To view the full speaker line-up and conference programme, visit

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

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