

# 8 Key International Programmes Showcased on Future Armoured Vehicles Situational Awareness

*An exclusive focus on armoured vehicle communications, situational awareness and systems integration*

LONDON, ENGLAND, UNITED KINGDOM, January 27, 2016 /EINPresswire.com/ -- SMI's forthcoming [conference](#) on armoured vehicle situational awareness will feature eight key international military programmes presented by senior military leaders and industry experts, when it arrives to London on 16th & 17th March 2016.

1. Morpheus UK: What, How, When  
Lieutenant Colonel Mark Cornell Royal Signals, SO1 Requirements Manager, Battlefield and Tactical CIS Delivery Team, ISS, JFC, UK MoD  
What are the key requirements driving the development of Morpheus and what can we expect in future plans? The opening host nation address will discuss areas for improvement over the legacy Bowman system and explore how a modular system can ensure the ability to securely implement future upgrades. Attendees will also receive insight into development timelines – what to expect and when!

2. Ajax UK: The Alignment of Morpheus and Ajax

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Only through learning and networking with our peers can we enhance and improve our ideas and execution of military projects.

*Major General (Ret) Vasileios Raptis, Hellenic Army*

Mr Darren Lock Director C4 Ground Mission Systems and Strategic Products, General Dynamics UK

Discuss key benefits of the programmatic and architectural alignment of MORPHEUS and AJAX and evaluate the impact an open future tactical C4I architecture design could have on current and future land platform programmes.

3. Mounted Combat Systems Research Project UK:

Situational awareness in urban environments

Mr Mark Emerton Technical Authority, Mounted Combat Systems Research Project, DSTL

Delegates will receive strategic guidance on improving situational awareness in urban environments. The presentation will delve into 4 key areas of UK MOD Vetronics R&D: Hemispherical sensing for MCC platforms; Sensor fusion in the urban environment; Information management for MCC crews;



The SMI Group presents... 

**FUTURE ARMOURED VEHICLES SITUATIONAL AWARENESS**

Hilton London Kensington, UK  
**16TH - 17TH MARCH 2016**

[www.armouredvehicles-sa.com](http://www.armouredvehicles-sa.com)

Future Armoured Vehicle Situational Awareness

and Novel Human Machine Interfaces

#### 4. Piranha V Denmark: A Network Centric Approach

Lieutenant Colonel Peter Nielsen Commander, Armoured Division, Danish Army Combat and Fire Support School, Danish Army

Discover the situational awareness capabilities of the Piranha V by exploring its radio communications equipment; GPS blue force tracking; automatic location and navigation reporting; and its command and control systems. With a focus on using a Net-Centric Approach, the Danish Army will also deliver unique insight into the integration of its battle command integration programme.

#### 5. CV 90 Norwegian Army: Enhancing Target Acquisition

Major Per Kleiven Programme Manager for CV90, Norwegian Defence Logistics Organisation

Learn how the sighting system and remote weapon station have enhanced target acquisition and tracking. The address will highlight top priorities for Norwegian land forces and provide an overview of upgrades to communications and C2 within the CV90 platform.

#### 6. CV 90 Swedish Army: A Skaraborg Regiment Case Study

Colonel Fredrick Stahlberg Commander of Skaraborg Regiment, Swedish Army

This case study driven presentation will explore concepts of operation and vehicle platform capabilities within the regiments mechanised force structure including: sensor capability of threats; detection and tracking of targets in all environments; and communications and battle management within the network. Future outlooks and working with dismounted infantry will also be discussed.

#### 7. Stryker USA: Visual Collection and Dissemination of Data

Colonel William Nuckols, Director, Mounted Requirements Manoeuvre Centre of Excellence, US Army

Gain an exclusive look into the visual collection and dissemination of data within the Stryker armoured vehicle and discover the US Army's requirements for developing increased interoperability in the situational awareness domain. Colonel Nuckols will present on the visual long-range advanced scout surveillance system (LRAS3); target location & acquisition using thermal imaging and laser range finder; plus provide an analysis of the Stryker's FBCB2 blue force tracking and visual intelligence sharing system.

#### 8. LAVOSAR EDA: Vehicle Mission Systems with Open System Architecture

Dr Norbert Harle Vice President, Technology Strategies, Mission Equipment, Rheinmetall Defence Electronics

How will open architectures change future mission systems and what will be next? Rheinmetall explain the role of modular open architectures for efficient system integration and enhanced mission effectiveness and discuss contributions to open architectures by LAVOSAR.

Recent confirmed attendees include a delegation from Thales and ELTA Systems who join CeramTech and Rheinmetall Defence Electronics as event sponsors.

Further information including a detailed agenda and speaker line-up is available online at <http://www.armouredvehicles-sa.com>

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16 - 17 March 2016

Hilton London Kensington, UK

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About SMi Group Ltd:

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