

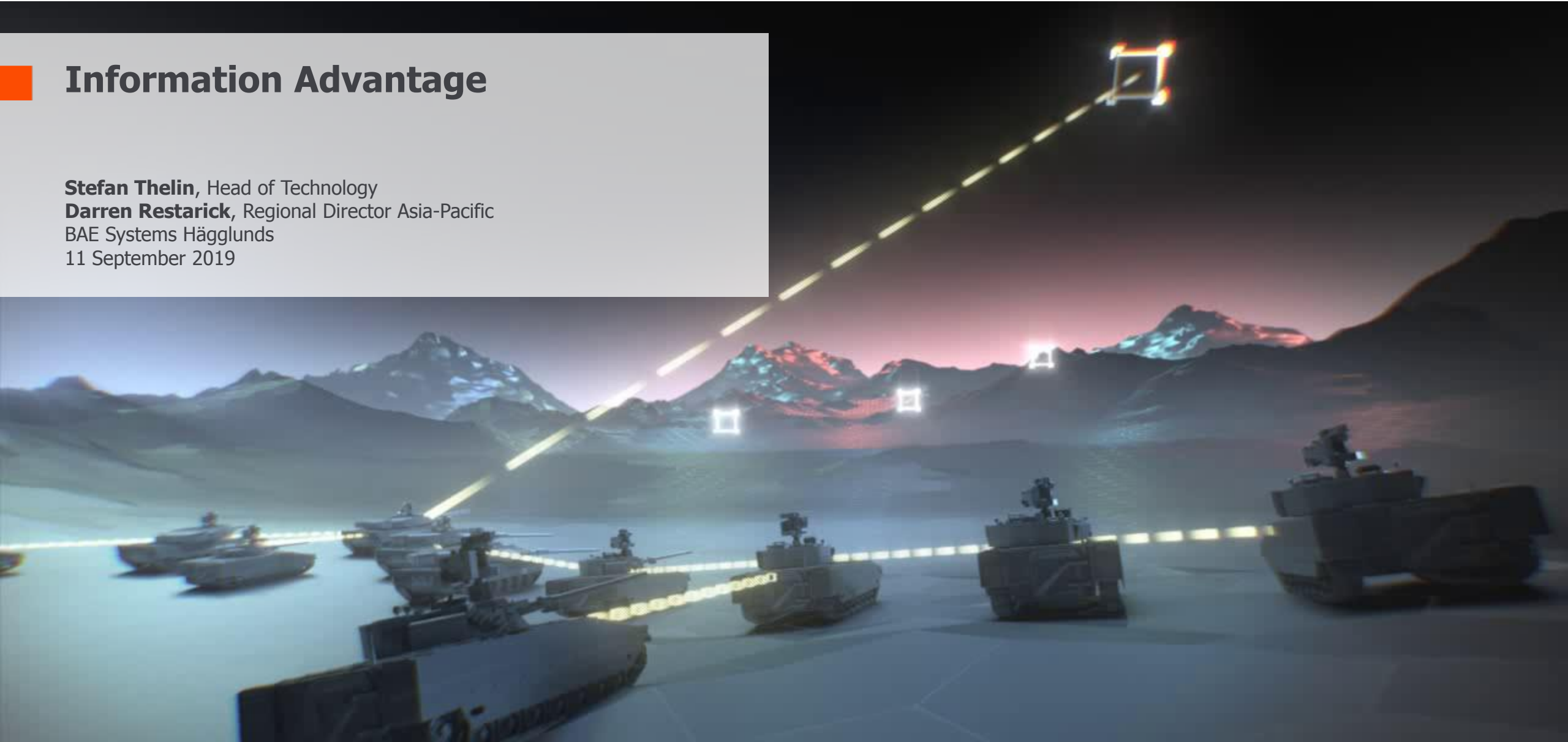


DSEI 2019 Information Advantage

Stefan Thelin, Head of Technology
Darren Restarick, Regional Director Asia-Pacific
BAE Systems Hägglunds
11 September 2019

Information Advantage

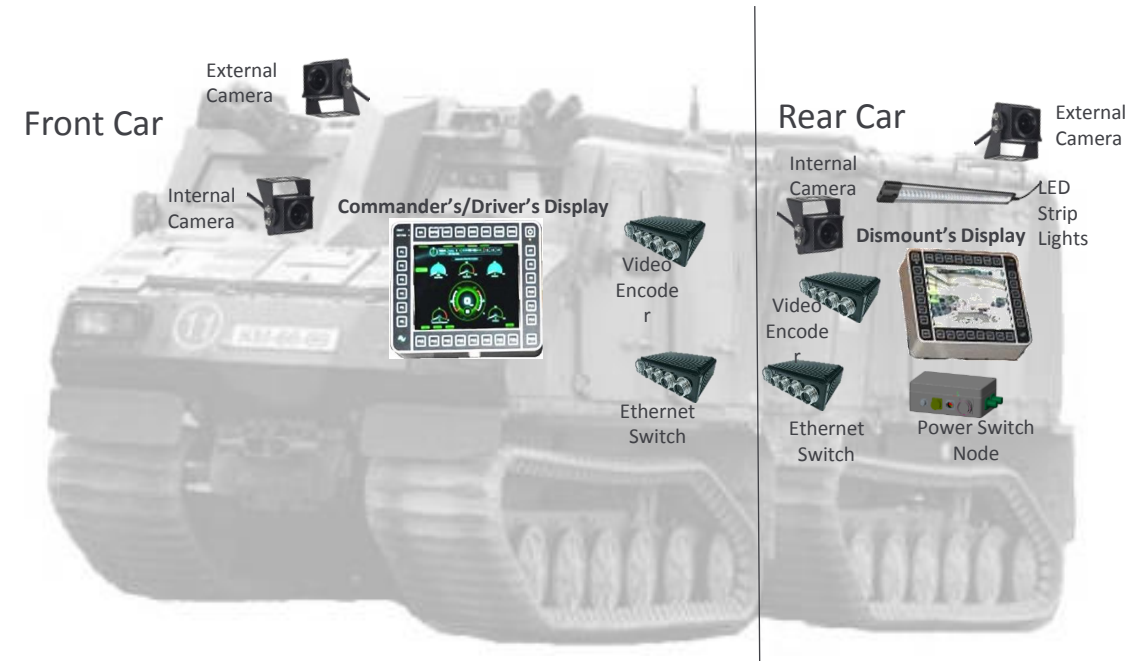
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Information **Advantage**

- With GVA adding and enhancing C4ISR functionality in ground vehicles is changing
- Technology
- Commonality
- Cost Reduction
- HUMS
- Re role
- Scalability

BvS10 **GVA** Mission System



Information **Advantage**

Risks of a digitised network in a defence vehicle

- Information
- COTS products
- Commercial software

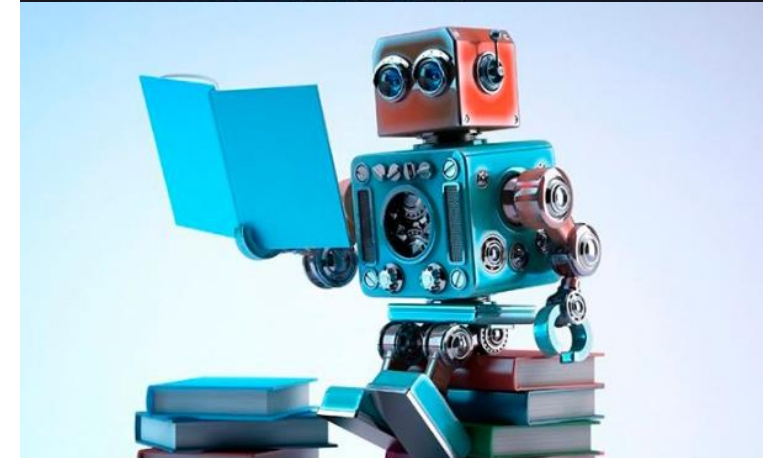
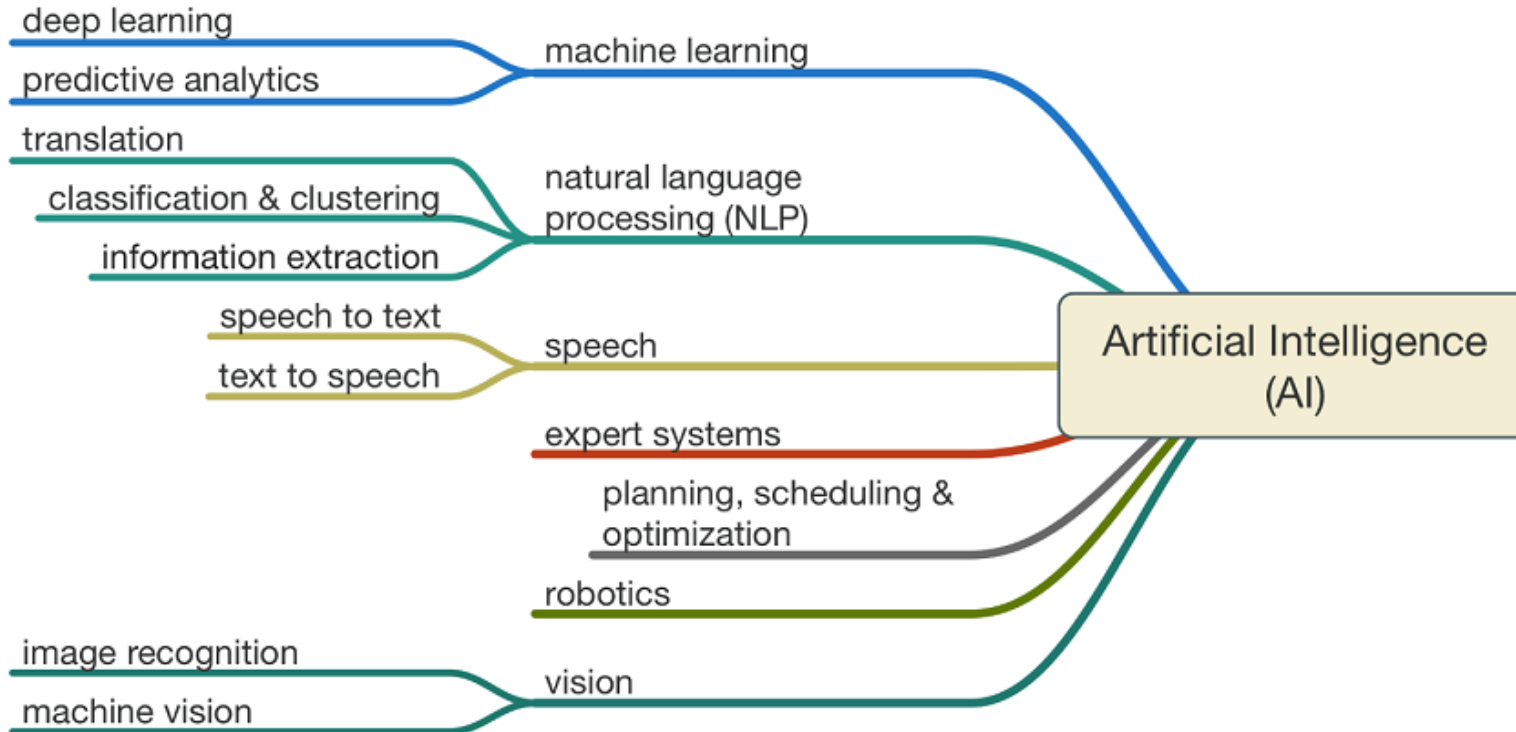


Information **Advantage**

- Cyberattack
- Scale of the cyber threat on land platforms
 - Ongoing study with Czech Technical University CTU
- Best practice



What to **expect of AI?**



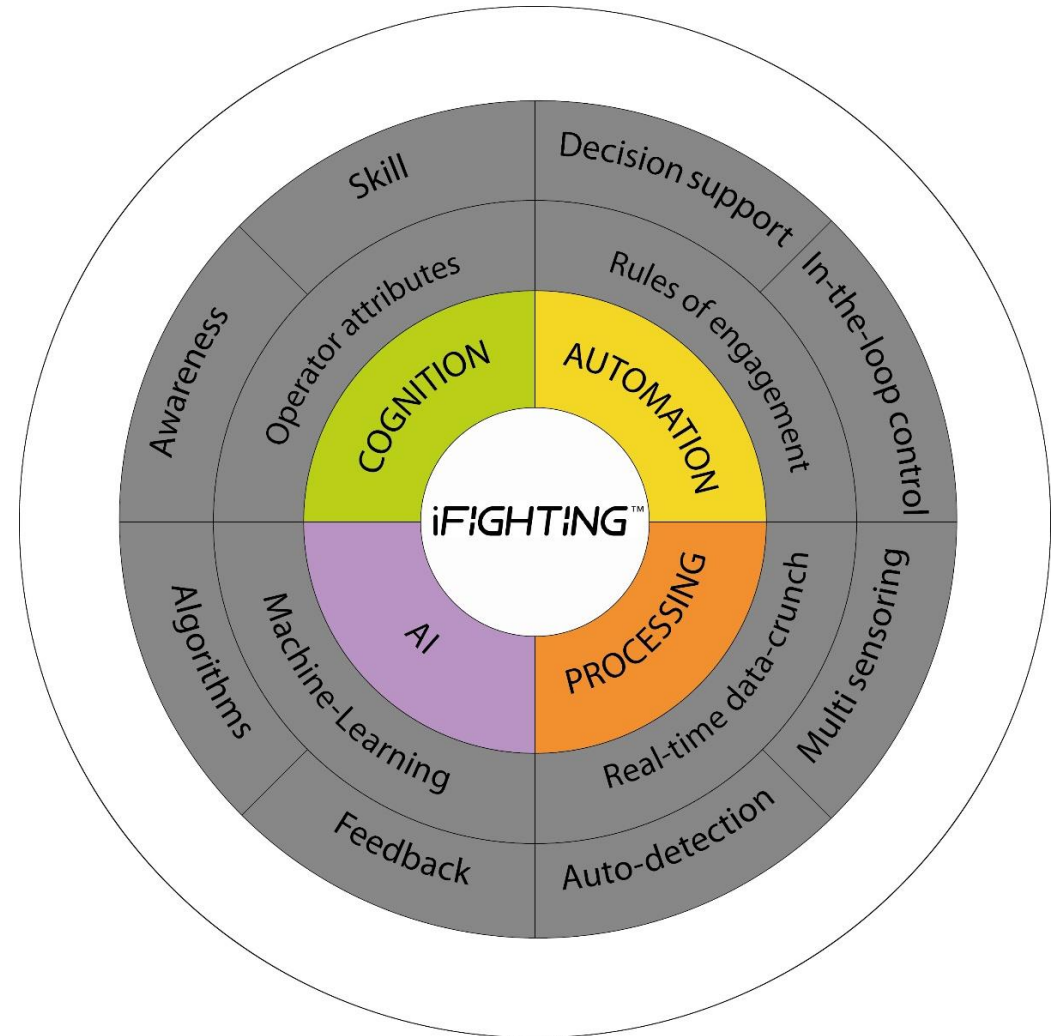
Information Advantage through **Artificial Intelligence**

- Introducing a concept with **increased autonomy**

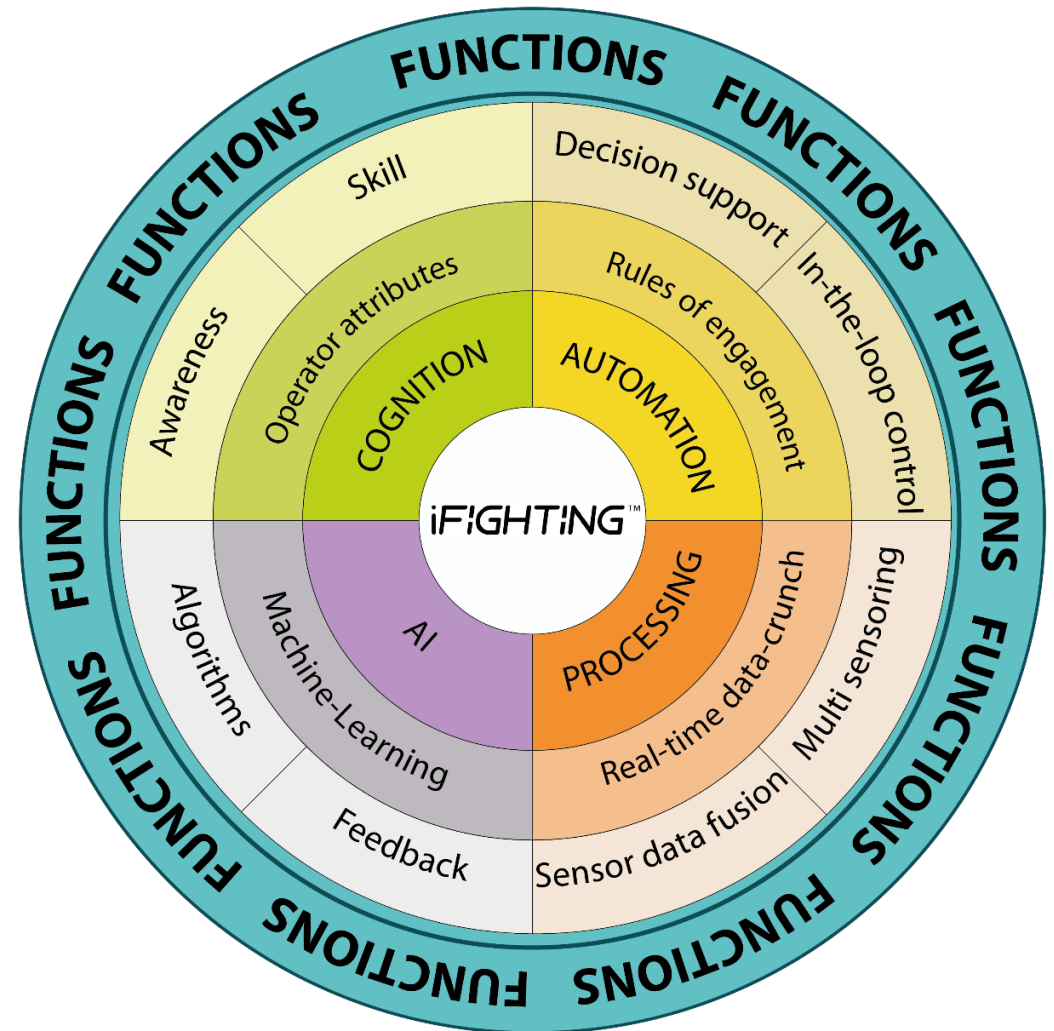
iFIGHTING™

iFighting Core

- Cognition – Human behavior
 - Strengths and limitations
- Automation – HMI
 - Man and/or machine
- Processing – System “evolution”
 - Future performance
- AI – What to learn?
 - Intelligence vs Knowledge



- Multi-layered formation of functions for crews:
- **Gunner**
- **Driver**
- **Commander**
- **Complexity becomes manageable – demanding/dull tasks easier achieved.**



BvS10 GVA Mission System



Questions?