



Digitized and Secure Communication & Information Systems - The prerequisite for Network Centric Operations

8th Congress on European Security and Defence, Berlin

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Agenda

- Evolving Operational Needs
- Changing Environment
- NCIT Capability Model
- Effective Balance
- Joining Forces
- Topics for Discussion

Evolving Operational Needs

- Increasing need for cooperation
- Precision effects-based operations
- More mobility & exploitation of available comms
- More accessible & effective IE/IX
- Clearer & faster decision making
- Network Centric IT (NCIT) is a key enabler.

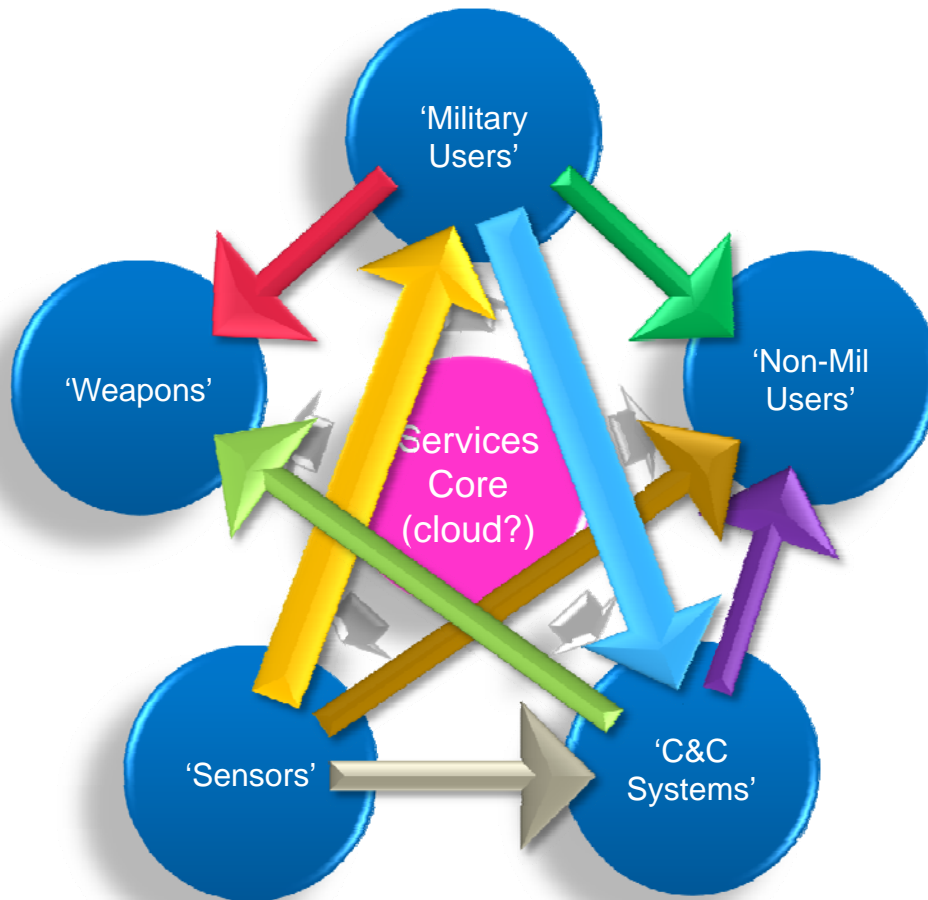


Changing Environment

- Information-centric operations
- Wider involvement in operations
- Increasing spectrum of information users
- Information more accessible to more users
- Increasing demand for 'Mission Secret' eyes only
- More susceptible to attack/misuse
- Work harder to make it a differentiator



NCIT Capability Model



- Federated architecture – loosely-coupled where possible
- Support all sizes of user community
- Variety of access devices & channels
- Intuitive collaboration/Col tools
- Post/subscribe/use model, i.e. *'pull to the edge.... an edge which is changing'*
- Information sufficiency focused on user needs
- Enterprise-wide information model
- Maximise & prioritise use of available comms bandwidth
- Pre-emptive E2E service & QoS management
- Pragmatic user-focused risk-based security approach
- Potential for secure use of public networks
- Support 'Bottom-Up' identification & adoption of systems/tools into the model



Effective Balance

- Digitise everything – flexibility versus vulnerability
- Automating what we do versus smarter WoW
- QoS v investment, innovation & rigour applied
- NCIT & new doctrine, structures, platforms



Joining Forces

- There is no single solution/provider for NCIT
- It is very much about ‘system of systems’
- Design & govern to aspirational architectures
- More focus on common information models
- Make interoperability modeling & testing a priority
- Think and build further across boundaries
- Implement joint service portfolio management



Topics for Discussion

- The most significant concerns with NCIT
- The core NCIT capabilities needed
- Better joint ways of developing NCIT capabilities
- ‘Lessons learnt’ from current programmes
- How to manage the ‘collective’ NCIT portfolio



Technology for better business outcomes

