



Network Centric Operations: Differences in Perspective

Military Operations Research Society
Operations Analysis Support to Network Centric Operations
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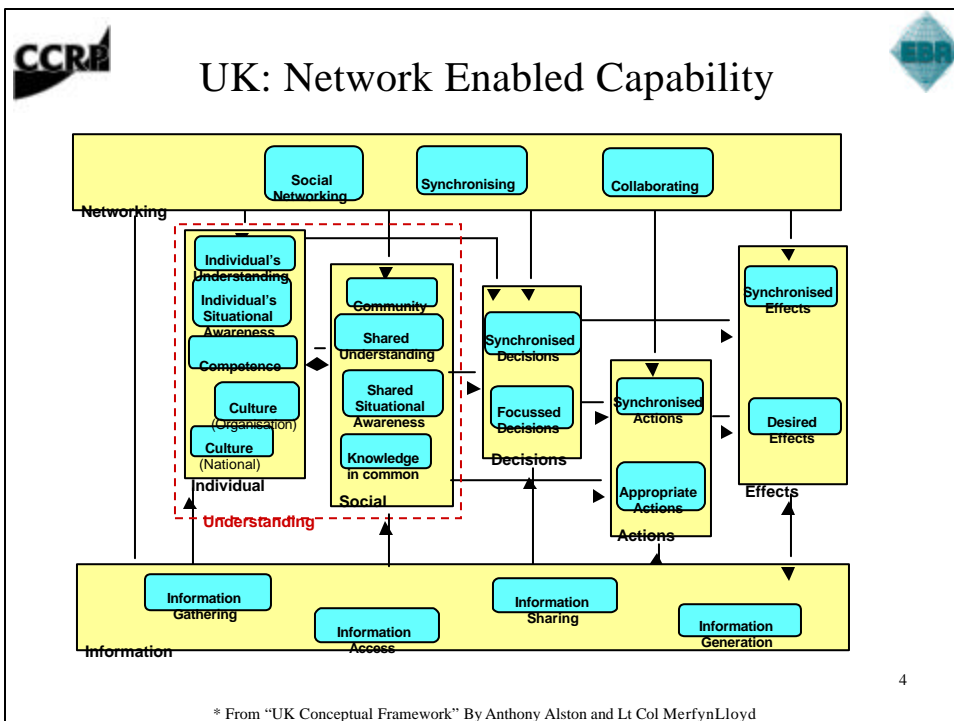
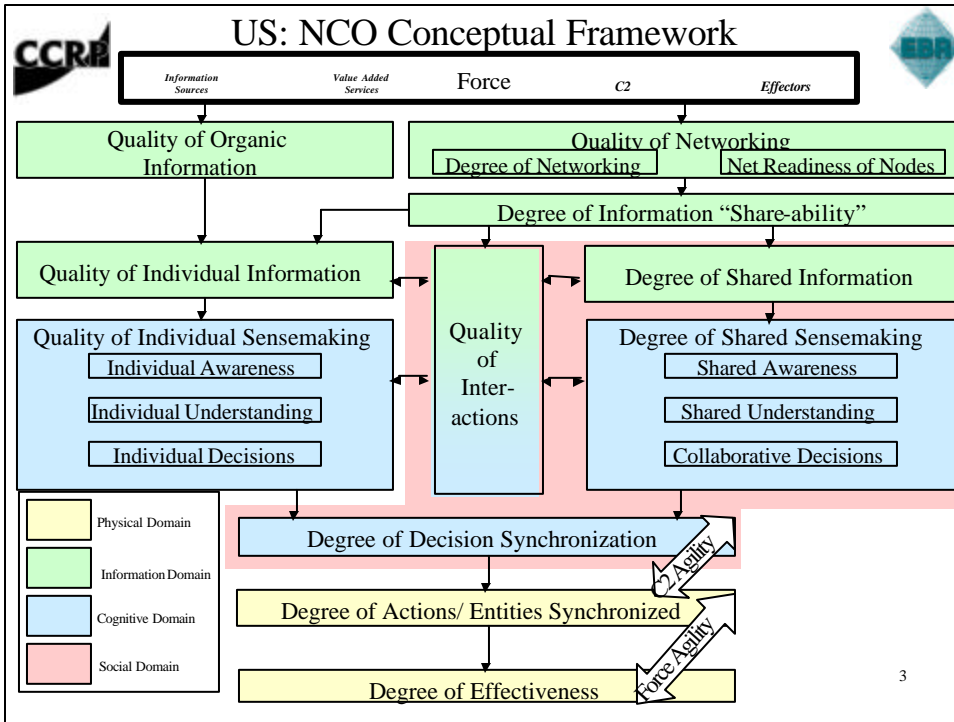
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Network Centric is an Umbrella Term

- Network Centric includes
 - US: Network Centric Warfare (NCW)
 - UK: Network Enabled Capability (NEC)
 - Sweden: Network-Based Defense
 - Australia: Network Enabled Capability/ Network Centric Warfare
 - Australia: Knowledge Analysis Framework
 - NATO: NATO Network Enabled Capability (NNEC)



* From "UK Conceptual Framework" By Anthony Alston and Lt Col Merfyn Lloyd

Sweden: Network-Based Defense

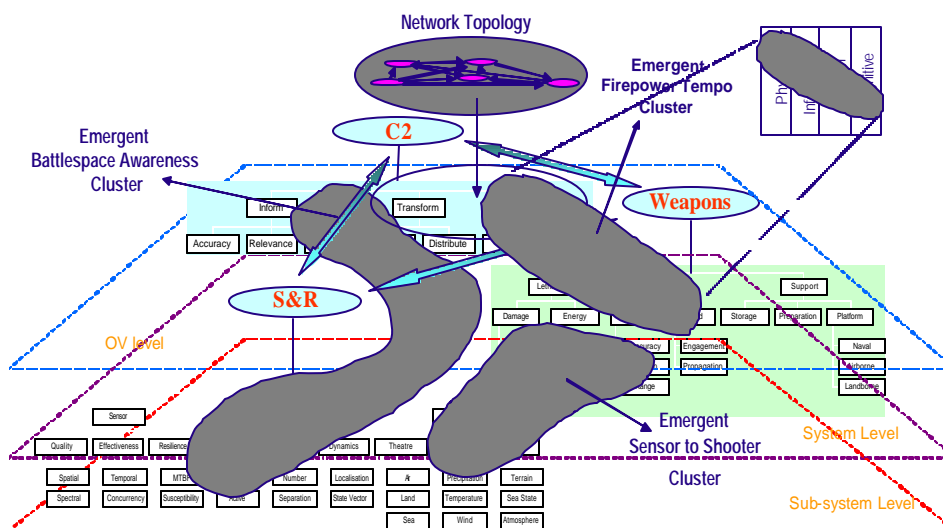
Examples of System Contents on the Three Arenas

The interplay between Doctrine, organization, personnel and Technology is fundamental when developing Network-Based Defense capabilities

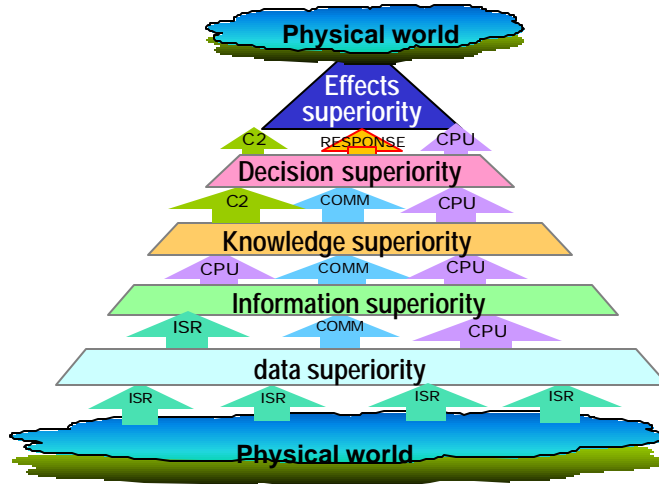
	PHYSICAL ARENA	INFORMATION ARENA	COGNITIVE ARENA
DOCTRINE	PHYSICAL ATTACK AND DEFENSE	INFORMATION ATTACK AND DEFENSE	COGNITIVE ATTACK AND DEFENSE
ORGANIZATION	PHYSICAL UNITS, MATERIEL	PLANS OF ORGANIZATION	NETWORK ORGANIZATION CULTURE
PERSONNEL	COMPETENCE REQUIREMENTS	SERVICES	EDUCATION, TRAINING
TECHNOLOGY	HARDWARE TECHNICAL SUPPORT SERVICES	SOFTWARE TECHNICAL SUPPORT SERVICES	ADAPTATION TO HUMAN NEEDS TECHNICAL SUPPORT SERVICES

* From "Network-Based Defense for Sweden- Latest Fashion or a Strategic Step Into the Future?" by Manuel W. Wik

Australia: Network Enabled Capability/ Network Centric Warfare

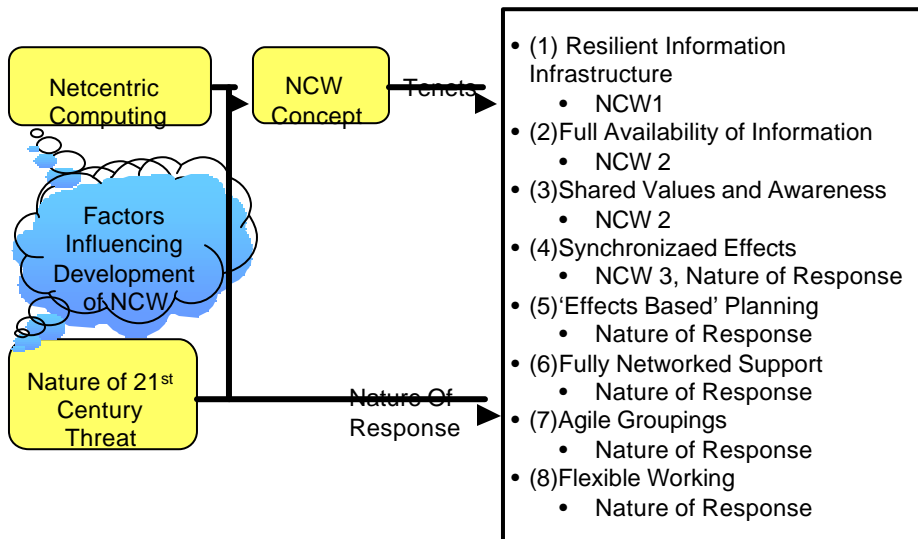


* From "Factors for Networked Warfare: An Australian Perspective" By Ed Kruzins



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* From "The Knowledge Analysis Framework- Metric for the Information Age" by Dr. Anne-Marie Grisogono



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* From "The NATO Vision of Network Enabled Capability (NNEC)" By Dr. Tom Buckman

