





Information Command and Control H. Bennett Teates

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Questions





Purpose of this Paper:

To emphasize the need to develop:

- the methods and means to value information, and
- techniques to visualize information value,

in order to decide among information alternatives









Take-Aways:

- 1. Net-Centric Warfare is based on the use of information; both in warfare and as warfare.
- 2. In the Information Age, we still have no methods or means to value information. So how will we know if or when we achieve Information Superiority?
- Information Value has many dimensions: Context, Content, Timeliness, and Assurance, to name four. So how can we visualize information value in a multi-dimensional space?
- 4. Management of the GIG and Information Assurance mandate development of methods and means for placing a value on information.





Evolution of the Five Military Domains









The Information versus the Kinetic Space





Multidimensional Approach for Determining the Perceived Value of Information





Information Value Cell Visualization









Information Value Cell Visualization





Illustration of the GIG Networks









An Illustrative Schema for Managing the GIG

End user applications over core services in NCES/GES









A Possible IC2 Visualization for GIG Management

Level	NetworkIC2					
Strategic	Management and Controls of NCE S/GE S					
	Mission 1	Mission		m 3 Missio	n 4 Mission 3	
Operational	Inter-network Transport					
		<u> </u>	N		NA	NA
Tactical	Network 1	Network 2	Network 3	Network 4	Network 5	Network 6
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Illustration of an Information Value Space





Illustration of Multi-dimensional Derivation of Visualization of Information Value

