

Operational Net Assessment

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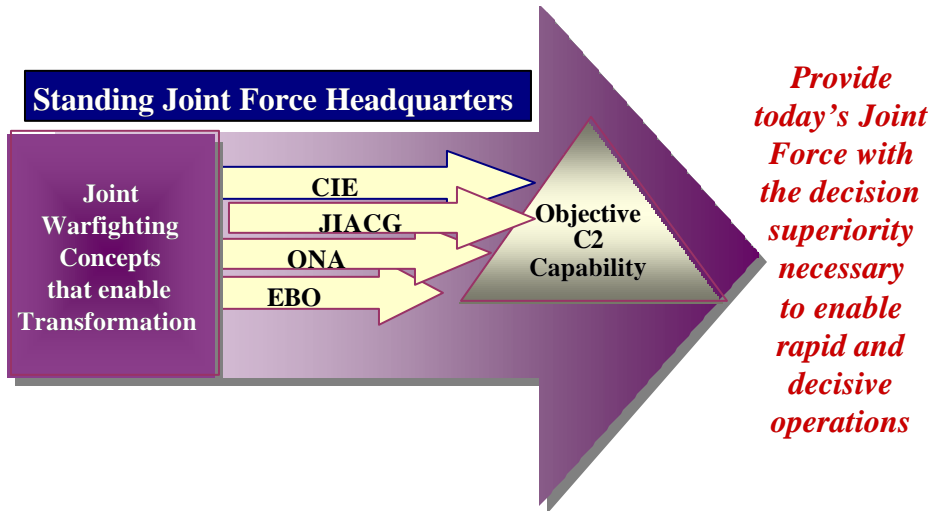
Intent

**Operational Net Assessment assists decision
makers focus capabilities when, where, and
how needed to generate decisive effects**

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Standing Joint Force Headquarters Enabling Capabilities



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ONA Moniker

- Operational
 - Focus at the Unified Command and Joint Task Force
 - Theater Strategic to Theater Operational level
 - Focus on operations vice intelligence
- Net
 - The consideration of all aspects and perspectives resulting in those elements that are relevant and significant to the problem at hand
- Assessment
 - The systematic process of analysis, appraisal and review to determine the salient information to develop knowledge

ONA is the actionable foundation of knowledge centric operations

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Operational Net Assessment Concept Description

- An **integrated Plans, Operations, and Intelligence process**
 - **Synthesize information available** across the interagency community into a **coherent understanding** of:
 - The system of systems nature of the *operating environment*
 - The *adversary* as a complex adaptive entity
 - *Ourselves* as a nationally networked set of capabilities available across all elements of national power
 - *Ourselves* as seen *through the eyes of the enemy*
 - **Convert information to Actionable Knowledge**

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Concept Description

- A continual, *collaborative process* among a cross-disciplined *team of experts*
- A *product* in the form of a *coherent, relevant and shared* knowledge base
- An *operational tool* that can help planners and decision makers focus ~~capabilities when, where, and how needed to achieve decisive effects~~

Which:

- Requires active *interagency, multinational, combatant command, and component participation*
- Promotes a *common understanding* of the adversary, the environment and ourselves
- Allows for a *holistic analysis* of the adversary
- Requires knowledge of the *full range of friendly capabilities*
- Provides a *range of options* that enable effects based planning
- Provides *actionable knowledge* to enable faster planning, better decisions, and decisive effects

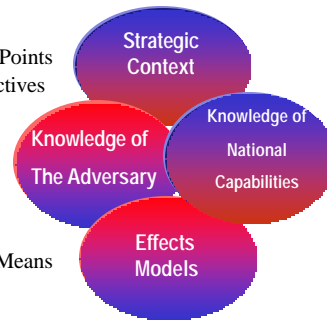
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ONA Key Components

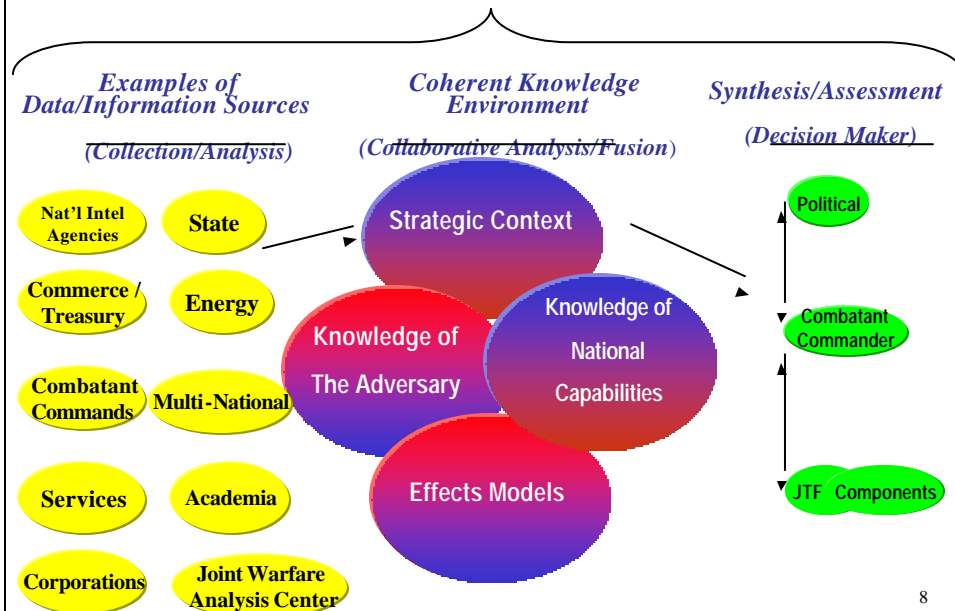
- **Strategic Context**
 - National and Coalition Issues/Objectives
 - Strategic/Political Guidance
 - Understanding/Net Assessment of the Adversary vs. Friendly Intentions/Capabilities
- **Knowledge of the Adversary**
 - Derived from Systems Analysis
 - ◆ Relationships, Dependencies, Vulnerabilities, Leverage Points
 - ◆ Decision Cycle and Strategic/Operational/Tactical Objectives
 - ◆ Coherency of Elements of Power
 - ◆ Knowledge of Adversary's Perception of Blue
 - ◆ Individual, Leader, and National/Group Will
 - ◆ Possible Effects
- **Knowledge of National DIME Capabilities**
 - Diplomatic, Information, Military, and Economic Ways and Means
 - Comparative Strengths and Weaknesses
- **Effects Model**
 - Anticipate 2nd and 3rd order effects / Unintended Effects
 - Simulates Cause and Effect Relationships

*Coherent Knowledge Environment
(Collaborative Analysis/Fusion)*



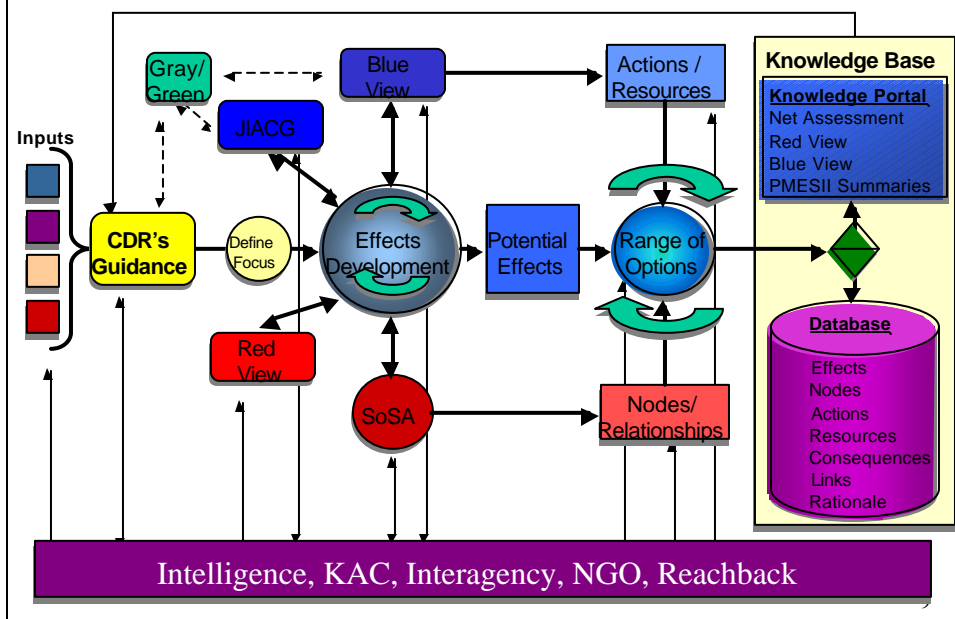
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Operational Net Assessment → Decision Superiority

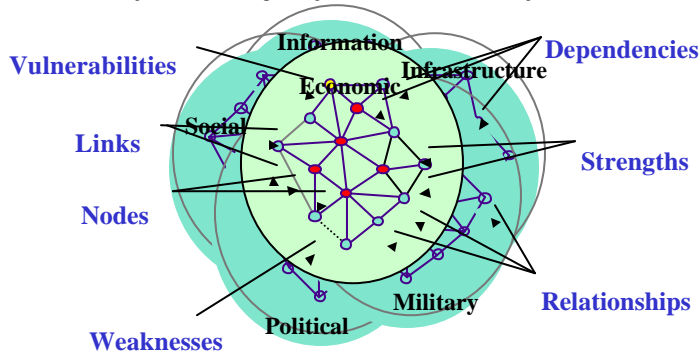


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ONA and EBO Baseline Process



System of Systems Analysis



Attributes:

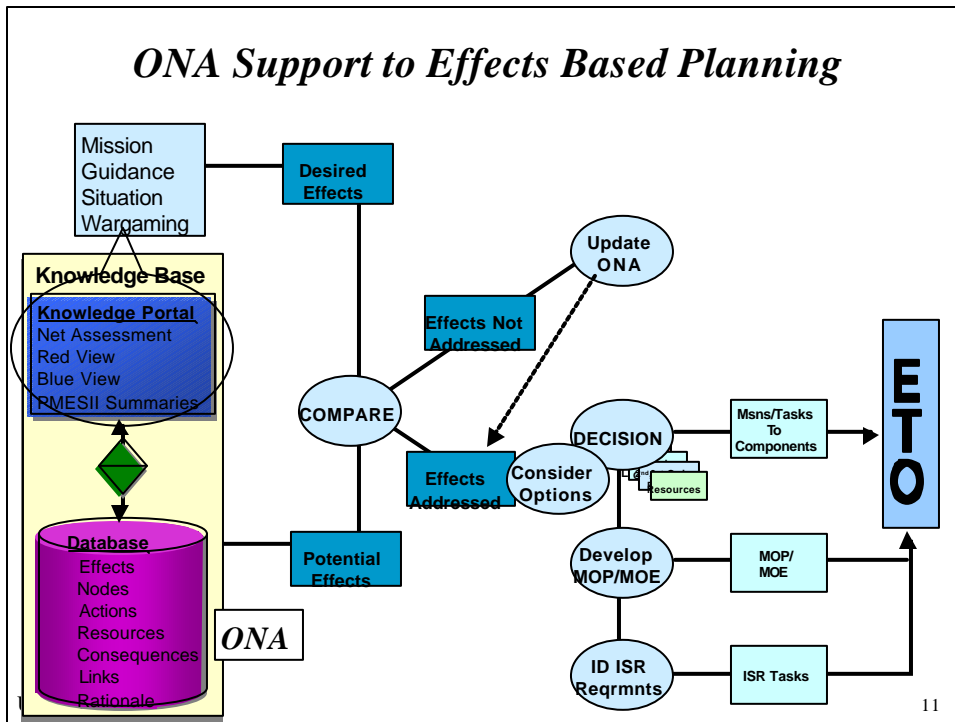
- Analysis of the adversary as a **system of systems**
- **Understanding** key relationships, dependencies, and vulnerabilities
- Identifying **leverage points to influence** capabilities, perceptions, decision making, and/or behavior

Integrated with: Knowledge of the full range of **friendly capabilities**

To provide: A **range of options** to enable effects-based planning

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ONA Support to Effects Based Planning



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What's Different About ONA

- Comprehensive, fully integrated plans, operations, intelligence analysis process
- Continually developed, continually focused and begun long before crisis develops
- Continuous collaboration with Subject Matter Experts: Centers of Excellence, Academia, Industry
- Holistic characterization of the adversary, conveyed through people and augmented by a knowledge portal
- Pre-analyzed Effect–Node–Action–Resource–Consequence links that are actionable
- Database designed for rapid application of actionable knowledge...not just more information
- Integrates across all instruments of national power
- Complements, does not replace other products: JIPB, MIDB, estimates, country studies, etc.

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***The Way Ahead:
Establish Conditions for Change***

- **Set of Standing Joint Force Headquarters as envisioned by Chairman Joint Chiefs of Staff**
- **Fielding of Joint Interagency Coordination Groups at each Combatant Command**
- **Established networks of centers of excellence and communities of interest in a Collaborative Information Environment**
- **Support establishment of a DoD knowledge advantage capability**
- **Investigate and exploit advanced technologies for collaboration, analysis, integration, visualization and modeling**
- **Support leadership, education and training to foster effects based thinking**

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Past and Projected Activities

- **Unified Vision 2001**
- **ONA STAFFEX and Limited Objective Experiment**
- **Millennium Challenge 2002**
- **Multinational Experimentation Events**
 - **Limited Objective Experiment 2003**
 - **Multinational Experiment 2004**
- **Operational Command Prototyping Initiatives**
 - **U.S. Pacific Command**
 - **U.S. Southern Command**
 - **U.S. European Command**
 - **U.S. Forces Korea**
 - **U.S. Strategic Command**
 - **U.S. Northern Command**

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Summary

- **Knowledge for Effects Based Operations**
- **Conducting a System of Systems Analysis**
- **Synthesizing large amounts of information**
- **Converting information into Actionable Knowledge**

Faster Planning...Better Decisions...Decisive Effects

QUESTIONS?