

Operations Analysis Support to Network Centric Operations

A Joint View

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Agenda

- Perspective
- Turning data into information
- Defining and measuring effects
- Questions

OIF Lessons Learned—Where we fit

Strategic National

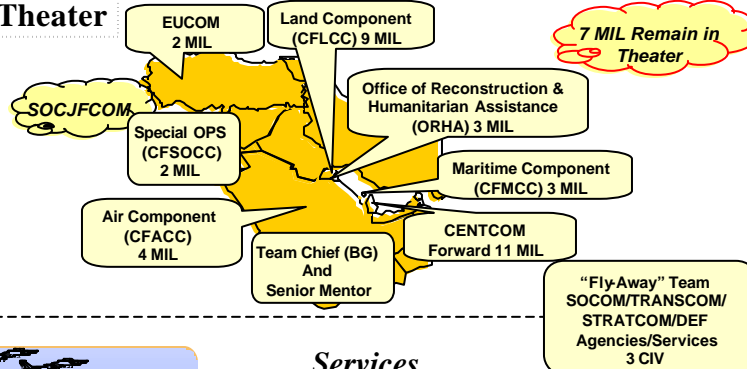


*Defense Science Board
and
Joint Staff J7*

Operational - Theater

*Joint Forces
Command
Phases I-III*

Analyst Team
JFCOM
18 CIV



Tactical



*Services
and
Defense Agencies*

Turning Data Into Information

- Data is found – Information is made
- Collection does not equal knowledge
 - Huge “frame rate” could be counterproductive
- Networks do not produce knowledge
 - They pass data between people that can turn it into information and information between people that can turn it into knowledge
- Knowledge is the key to Network-Centric Ops
- Process analysis can assist development of the data to information to knowledge cycle

Defining and Measuring Effects

- We need to be more comfortable with qualitative assessments and measurements – precision is nice, but accuracy is required
- Sampling techniques could provide enough information for a commander to decide -- BDA
- Network analysis:
 - Financial – civilian and paramilitary
 - Military – supporting and supported forces
 - Communications – formal and informal
 - Interpersonal – tribal/clan structure
- Defining range of outcomes
- Measuring perceptions through polling

Questions?