Disruptive Technology Conference
CAPT Ken Bowen
J68
15 October 2009

- Task: Brief Net-Centric Equities as they relate to COCOM Gaps and Joint Capability Areas.

  Purpose: Examine near and long term solutions for challenges that will continue to manifest over the next twenty years
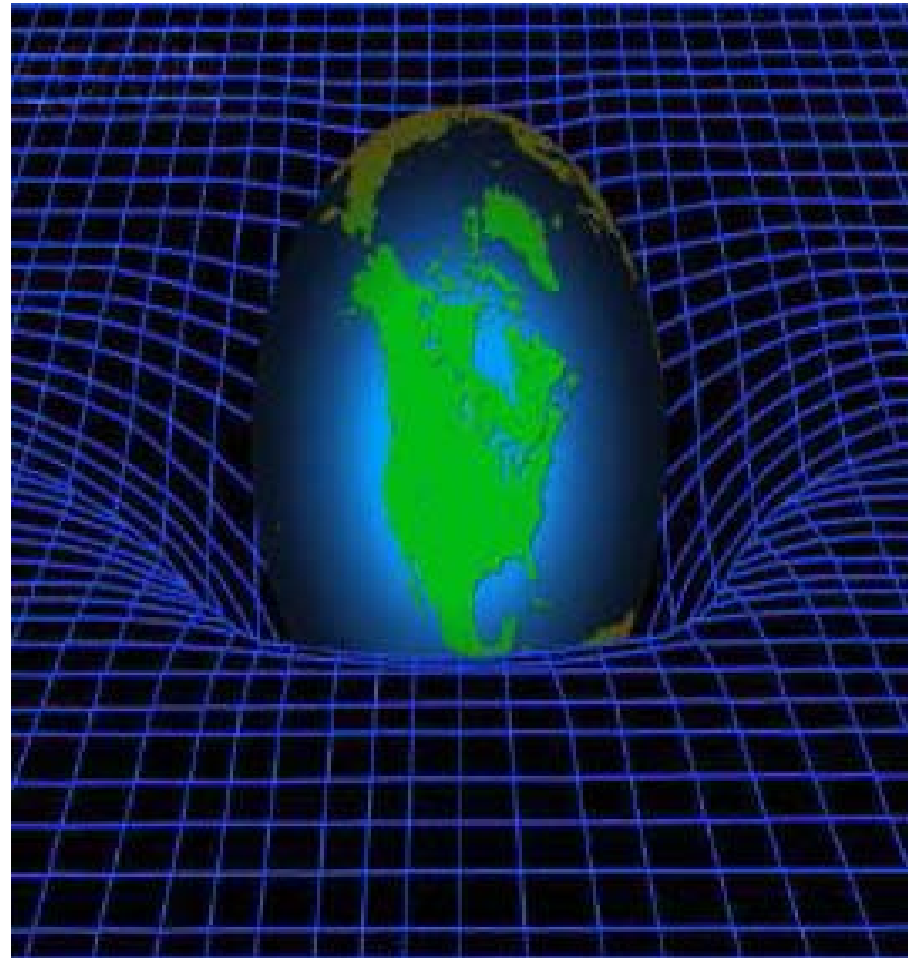
    - Topics:
      - JCAs
      - COCOM Capability Gap Analysis (CGA)   Near Term
      - Individual JCA / Gap Focus
      - Game Changing capabilities   Long Term
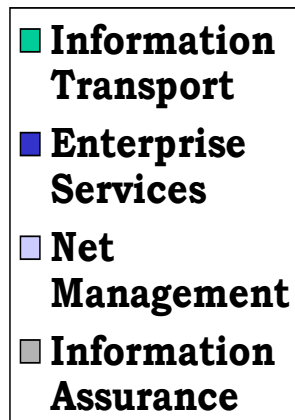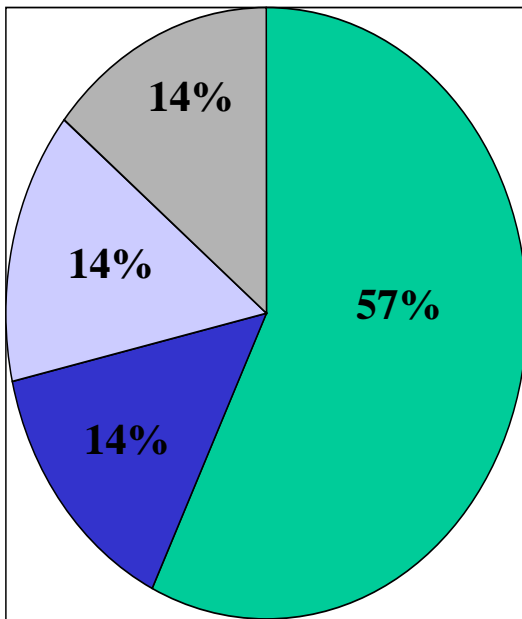
- **Tier One: Net Centric**

  Tier Two:

    - Information Transport

    - Enterprise Services

    - Net Management

    - Information assurance

Pie chart legend:
- Information Transport — 57%
- Enterprise Services — 14%
- Net Management — 14%
- Information Assurance — 14%

- **35 COCOM Shortfalls**

- **7 synthesized Gaps**

- **57% of Warfighter's Net Centric needs reside in Information Transport**

- **Initial Submissions for FY10 are very representative of FY 09**

- **Mission Focus:**

  – **Continue to connect disparate legacy networks, work on infrastructure and build toward commonality on battlefield**

- **Problem Space:**

  – **C2/Comm OTM, BLOS, Legacy disparate networks.**

- **Mission Focus:**
  - Provide all partners access to appropriate levels of information to speed mission success

- **Problem Space:**
  - Lack of ability to share information among Service, Coalition, National, and Ad-hoc partners

OB-1

CENTRIX

Public Key Infrastructure

Multi Nation Info Sharing

- **Mission Focus:**
  - Provide Network redundancy and transparency to the warfighter.

- **Specific Equities:**
  - Lack of SATCOM in various theaters/areas of operation

- **Mission Focus:**
  - Provide a Battle space quality situational awareness to the cyber environment.

- **Specific Equities:**
  - Lack of JTF or COCOM Commander to have real-time Cyber situational Awareness

Information Transport:

- More bandwidth with bigger pipes or new data compression technology

Enterprise Services:

- All Domains to the right users at the right place with the smallest infrastructure

Net Management:

- Dynamic allocation of bandwidth and spectrum

Information Assurance:

- Active GiG environment that is self healing and policing, before, during, and after an event.

Questions