

Navy's Operational Agent for FORCEnet



***and Central Operational Authority for
Network and Information Operations***



***VADM Dick Mayo
6 Aug 2003***

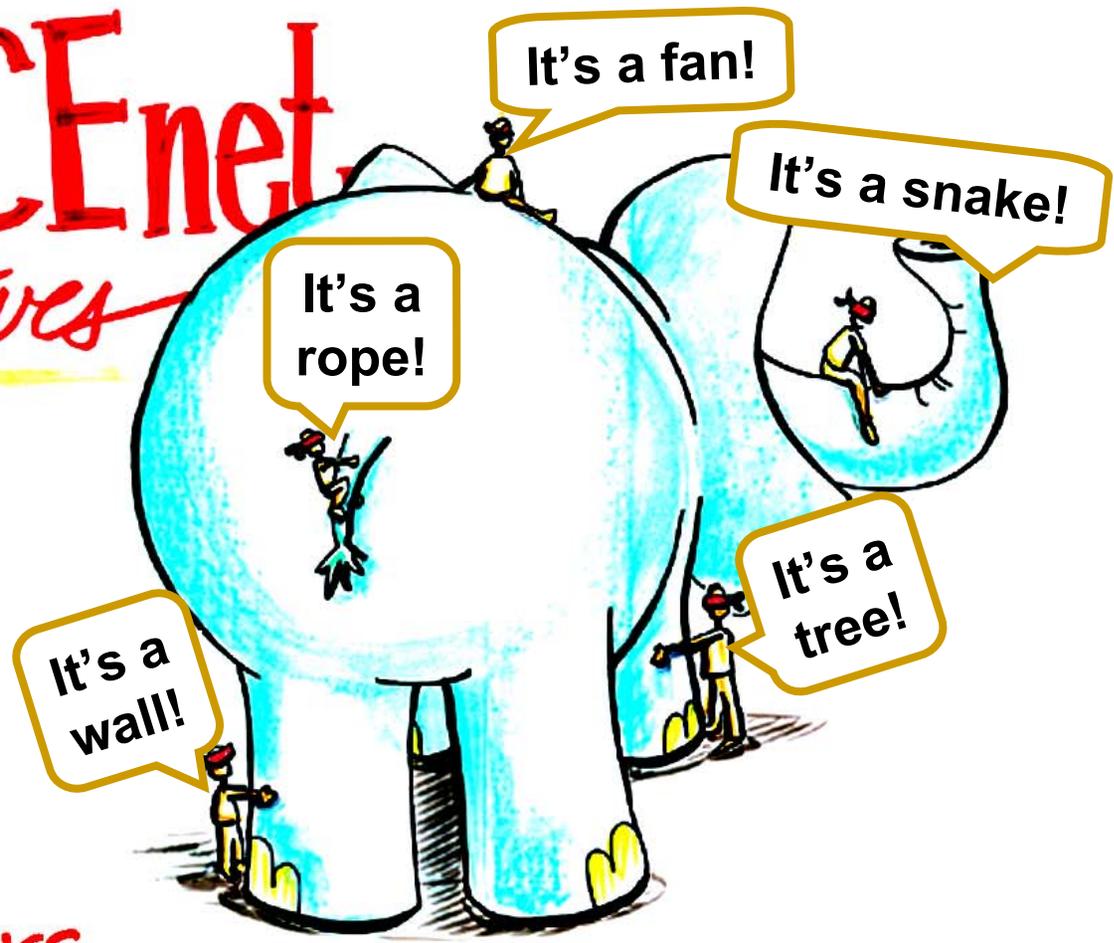
30,000 foot Definition

“FORCEnet is the environment for the entire spectrum of military operations”

Mount Everest

FORCEnet

perspectives



Naval

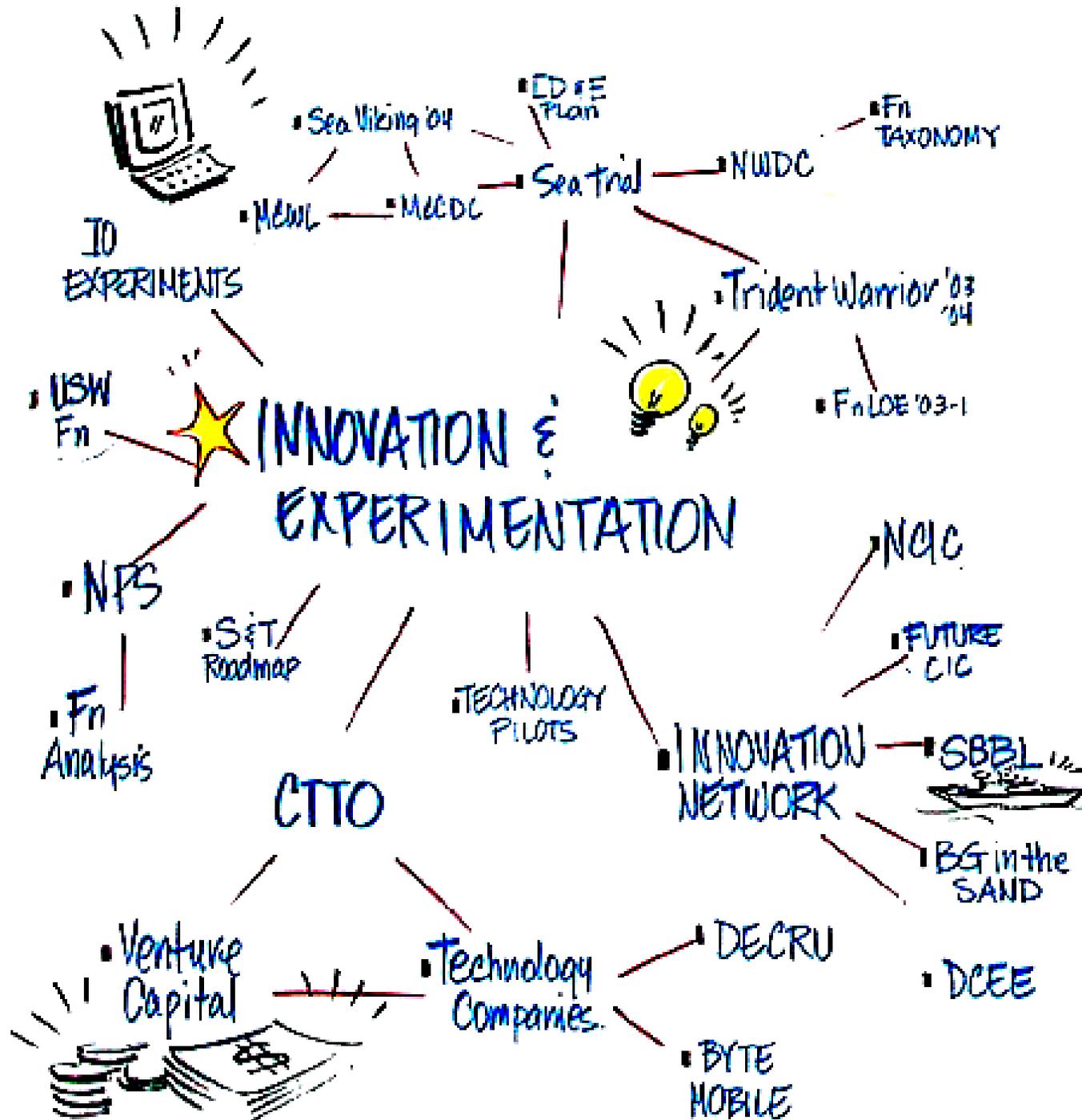
Concepts

warfighters

Organization

Portfolio

Capabilities



FORCEnet ACTIVITY MAP

★ REQUIREMENTS

★ ARCHITECTURE

★ ACQUISITION

• FA
TAVONDNY

• KM

• IM

• FORCEnet



★ INNOVATION & EXPERIMENTATION

• USW Fr

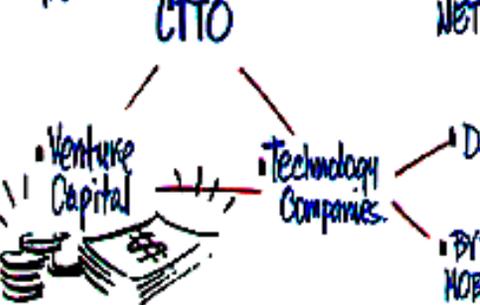
• NPS

• SET Roadmap

• Fr Analysis

• TECHNOLOGY PLUITS

• INNOVATION NETWORK



• Trident Warrior '03 '04

• FALOE '03-1

• NCLC

• FUTURE CIG

• SBBL

• BG in the SAND

• DCEE

★ MARKETING'S STRATEGY



● SENSING & NETWORKING

● SITUATIONAL AWARENESS

● COMBAT SYSTEMS



● INFORMATION OPERATIONS

● TRAINING AND EDUCATION

● LOGISTICS

● NAVIGATION

● SHORE CONTEXT

● QUALITY OF LIFE

● COMMAND & CONTROL

● OPERATIONAL MISSION PLANNING

● INNOVATION & EXPERIMENTATION

● MEDICAL

Near Term Capability Deliverables

FY03

Protected C2

- Embedded Fire Walls

Enhanced Situational Awareness

- Blue Force Tracking **OIF**
- FORCEview
- Web COP

Enhanced Information Operations

- Non-Kinetic Targeting **OIF**
- IO Support to SSN/SOF
- PSYOP HF Broadcast
- PSYOP High Speed Print
- Quick Reaction COMMS EA

FY04

Enhanced Coalition Interoperability

- Multi-Security Level **OIF**

Enhanced Fire Mission Planning/Execution

- Enhanced QoS Network **OIF**
- Increased Bandwidth
- JTF WARNET

Enhanced USW C2 and SA

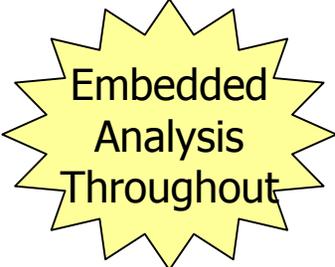
- CUP
- USW C2 Network

Terrorist/Hostile Identification

- Rapid Maritime ID & Tracking **OIF**

Enhanced Situational Awareness

- XCOP – Web Services Based COP



Pushing the Edge on Innovation



- Operationally-focused DOTMLPF Innovation Continuum
 - FORCEnet Integrated Prototypes
 - Culminates in Trident Warrior at-sea experiment
- Naval Venture Initiative Technology Exploitation
 - Sharing ideas with Venture Capital community
 - Evaluating cutting edge technologies in Venture Capital portfolios
 - Commercial Technology Transition Officer
- Building the FORCEnet backbone afloat & ashore
 - Afloat: USS CORONADO (SBBL), HSV
 - Ashore: BG in the Sand, Joint Distributed Engineering Plant, Joint Training & Experimentation Networks
- Creating an Innovation “Hot Spot”



Disruptive Technology



What it takes to win...

- Building FORCEnet to Fleet priorities
- Building FORCEnet today...
 - Innovation is the engine to realize the objective FORCEnet
- NETWARCOM leading the way
 - Prioritizing resources
 - Aligning authorities to focus diffused efforts
 - Speed to Capability – acquisition community alignment and flexibility

Sea Power 21's Solid Keel — FORCEnet

The FORCEnet Team

Innovation and Experimentation

Captain Rick Simon

(757) 417-6786 Ext 1

richard.simon@netwarcom.navy.mil

Requirements

Captain John Yurchak

(757) 417-6735

john.yurchak@netwarcom.navy.mil

Leadership

Rear Admiral Andrew Singer

(757) 417- 6724

Captain Bob Whitkop

(757) 417- 6740

FORCEnet@netwarcom.navy.mil

Industry Outreach Day

Wednesdays 12 pm – 5 pm EST

Mr. Rich Perkins

(757) 417- 6786 Ext 2

richard.perkins@netwarcom.navy.mil

Architecture

Mr. Larry Core

(757) 417-6752

lawrence.core@netwarcom.navy.mil