



CIO/NII  
Enabling Net-Centric Operations



# **Unclassified Info Sharing for Stability Operations: “Extranet Sharing with Non-traditional Partners”**

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Information Integration and  
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## Background

“JFCOM will do whatever it takes to support current operations in this area. In the mid term we need to **figure out how to disseminate unclassified data with the same priority we do classified data - perhaps more** given the complexity of the long war and our need to communicate with non-traditional actors. It is **key to how we interact with other nations, OGAs, IOs, and NGOs at all levels of conflict.** Let’s work together to fix this shortfall with policy, technology, and processes that support rather than present obstacles. “

General Lance Smith  
Commander  
U.S. Joint Forces Command

***To be successful in SSTR and HADR, the United States must be able to Communicate, Collaborate, Translate and Engage.***

Dr. Linton Wells II  
Principal Deputy  
Assistant Secretary of Defense  
Networks & Information Integration





# Information Sharing/Collaboration Hierarchy

## Collaboration = Collaborative Information Environments

Two or more *humans* cooperating in such a way that the result is a mutual *creation* reflecting notable insight, skill, or intellect

- Requires *human* interaction (so far)
- A *creative* process resulting in something that did not exist previously

Collaboration is an “*enhanced*” form of interaction, whereas information sharing, cooperation, or coordination are enablers, important but not sufficient

## Coordination

The regulation of diverse elements into an integrated & harmonious operation

- A control process designated to achieve cooperation

## Cooperation

Working together on a common goal or task

- Possible to cooperate while maintaining ultimately separate interests

## Information Sharing

The basic act of providing information to others

- Independent of how others will use that information
- Requires no cooperation or shared objectives

Focus of Extranet Unclass Info Sharing Efforts

**Making information visible, accessible, understandable, and trusted**





# Sharing Unclassified Information in Stability Operations: “Extranet Sharing Services”

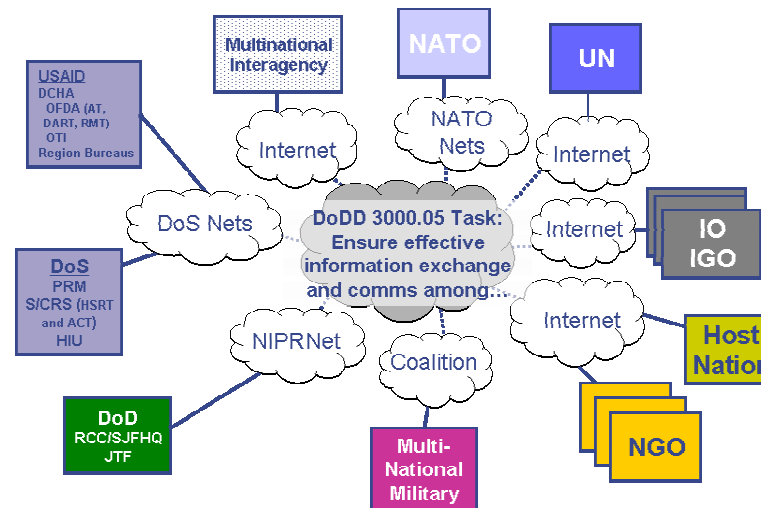
“Information mobility is both the foundation and core of the DoD Information Sharing capability.”

## Info Sharing Strategy:

- Promote & encourage sharing
- Achieve an extended enterprise
- Agility that accommodates unanticipated partners or events
- Ensure trust across organizations

## Stability Operations (DoDD 3000.05):

- Core US military mission - support indigenous institutions
- Priority now comparable to combat missions
- Facilitate info sharing among DoD, US Govt, foreign govts, IOs, NGOs, & private sector ... to “secure a lasting peace and facilitate the timely withdrawal of US & foreign forces”



- Internet is the only common ground available to all mission partners
- Info Sharing Strategy:
  - Elements of information mobility (technology, workforce literacy, social networks, policies, and security)
  - Enables Stability Ops, Humanitarian Assistance, Disaster Relief & Building Partnership Capacity



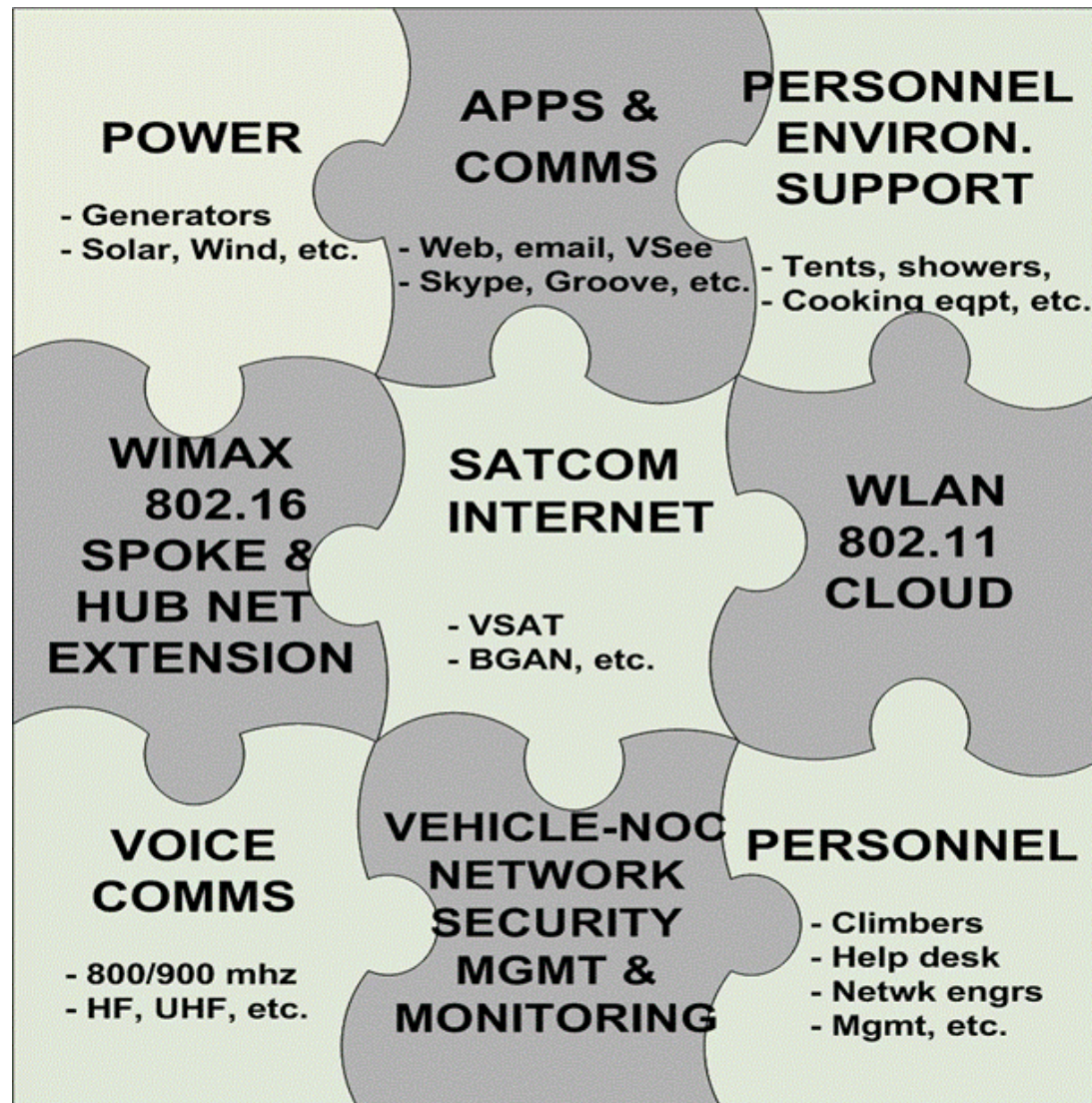


# Hastily Formed Networks

Without a network, there can be no info sharing....

Surrounded by the Civil-Military boundary....

...and Enabled by improvisation





# OPERATIONAL LEVEL INFORMATION SHARING SERVICES

## EUCOM

PIMS – Partnership for Peace Info Mgmt Sys.

ERIES – ECOWAS Regional Info Exchange Sys.

MNCE – Multi-National Collaboration Environment

## AFRICOM

## STRATCOM

Outlook, Backoffice MailSweep, Orion Magic/SharePoint

## DSCA

RIO

## SOUTHCOM

TrIM (Translingual Instant Msg),  
SYSTRAN (document translation)

## JFCOM

HarmonieWeb  
& other extranet sites

## NII

Hub/UISS

## PACOM

APAN w/ Sametime, Breeze, SharePoint,  
Info Resource Ctr

ACE (USARPAC), WebEOC (used by  
civil First Responders), Jabber (on  
NMCI), Sametime (on NMCI), Groove

## NORTHCOM

DSEL (Dynamic Synch. Event Log),  
Chat, mIRCChat, C2PC, Web Portal  
w/ SharePoint, HSIN

## TRANSCOM

IWS

## NORTHCOM

DCTS  
Sametime (future)

Portals are not connected and do not share info





# Extranet Sharing Services (ESS)

- **Current Situation: Several Regional solutions in place**
  - Lack adequate funding
  - No commonality and not interconnect with other regions
  - Service JTF components must learn multiple tools
  - No capability at OSD, Service, and most Agencies to enable sharing across the civil-military boundary
  - Initial/interim capabilities are immature and not scalable
  
- **Objective Situation**
  - Create enterprise level services to support common capabilities – common environment
  - Provide COCOMs with “regional store front” for their interface into the enterprise and allow for uniqueness without recreating the entire system.
  - Data/information is the “interoperability” and users operate with their preferred tools
  - Inject entrepreneurial ideas and commercial best practices rapidly through spiral development
  - Merge capabilities into NCES or other program of record



# Challenges and Keys

- Trust
- Social networking and relationships that enable the willingness to share
- Leadership that motivates organizational changes to promote sharing
- Clearly stated, common objectives among partners
- Unambiguous policy that directs what will be shared, with whom, and when – minimize room for interpretations that avoid sharing

**It's not the Technology ...**





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## Additional Slides

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## DoDD 3000.05 – Information and Communications Technology (ICT) Task

- DoDD 3000.05 Task: Ensure effective information exchange and communications among the DoD components, US Departments and Agencies, foreign governments and security forces, IOs, NGOs, and members of the Private Sector (DoDD 3000.05 para 5.7.1)
  
- Unclassified information exchange and communications with non-DOD entities continues to be problematic (Domestic, International)
  - Cumbersome and ad hoc
  - Policies and procedures on release/sharing either unclear or not well known; too much interpretation
  - Tactics, techniques, and procedures are not standardized or well known
  - Recent major disasters demonstrate ongoing issues at Strategic, Operational, and Tactical levels
  - Regional solutions do not share with other COCOMs; funding is fragmented and inadequate
  - Social networking is critical for success
  - Education and doctrine are still catching up to DoDD





## Extranet Sharing Services – Basic Capabilities

- **Asynchronous collaboration capability**
  - Enterprise portal framework
  - Document management/coordination
  - Content management (RSS)
  - Individual/Group calendars – task mgt
  - Threaded discussion forum
- **Synchronous collaboration capability**
  - Chat- persistent
  - Multi-lingual chat
  - Instant messaging
  - Data Awareness
  - Geo-referenced information posting – ie. Google Maps
  - RSS subscriptions/alerts
- **Tools**
  - Image annotation (fotonotes) – add info to photos/maps
  - JMDT – add metadata to .jpg and indexed .jpg search capability
  - Disaster assessment reporting
  - Request for information (questions for SME, not intel RFI)
  - SME awareness/search capability
  - Others TBD