MultiNational Information Sharing (MNIS)

Session 5

Track 1: “Enabling the Joint, Coalition Counter-Insurgency Campaign”

Mr. Bud Jones
CENTCOM J-2 C^4ISR Systems (CCJ2-OS)
Purpose

**Synopsis:** This session will highlight that a critical operational impact of the CENTRIXS-ISAF network is its open, collaborative information sharing environment that currently enables the ongoing coalition fight in the Afghanistan CJOA.

**Key Outcomes:** Participants will develop an understanding of the balance between the need-to-share and the need-to-know as well as the requirement to “write for release.” Attendees will also recognize the training and resource requirements needed to maximize external support to CJOA-A.
Agenda

★ BLUF
★ Dynamics of Coalition Operations Combatant Commanders’ Areas of Responsibility
★ Cross Domain Lifecycle
★ Enterprise Solutions
★ Consolidated Dissemination Nodes
★ Future Regional Partner’s Network

Italian and US troops manning a Combat Outpost.
BLUF:
✓ GETTING THE RIGHT INFORMATION
✓ TO THE RIGHT WARFIGHTER/DECISION MAKER
✓ AT THE RIGHT TIME
✓ IN A FORMAT THAT HE/SHE CAN USE
✓ PERSISTENT AND DISCOVERABLE

I&W, Force Protection, FMV, Imagery, Finished Intel, Databases, email, COP/CIP
Agenda

★ BLUF
★ Dynamics of Coalition Operations
★ Cross Domain Lifecycle
★ Enterprise Solutions
★ Consolidated Dissemination Nodes
★ Future Regional Partner’s Network
The New Norm???

“The Only Thing Worse Than Fighting with Your Allies is Fighting Without Them.”

--Winston Churchill
## Troop Contributing Nations

<table>
<thead>
<tr>
<th>Country</th>
<th>Troops</th>
<th>Country</th>
<th>Troops</th>
<th>Country</th>
<th>Troops</th>
<th>Country</th>
<th>Troops</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>250</td>
<td>Greece</td>
<td>136</td>
<td>Portugal</td>
<td>116</td>
<td>Bosnia &amp; Herzegovina</td>
<td>116</td>
<td>250</td>
</tr>
<tr>
<td>Armenia</td>
<td>40</td>
<td>Hungary</td>
<td>522</td>
<td>Romania</td>
<td>1693</td>
<td>Belgium</td>
<td>530</td>
<td>522</td>
</tr>
<tr>
<td>Australia</td>
<td>1560</td>
<td>Iceland</td>
<td>4</td>
<td>Singapore</td>
<td>48</td>
<td>Bulgaria</td>
<td>611</td>
<td>1693</td>
</tr>
<tr>
<td>Austria</td>
<td>3</td>
<td>Ireland</td>
<td>7</td>
<td>Slovakia</td>
<td>301</td>
<td>Canada</td>
<td>611</td>
<td>136</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>94</td>
<td>Italy</td>
<td>3772</td>
<td>Slovenia</td>
<td>80</td>
<td>Croatia</td>
<td>288</td>
<td>246</td>
</tr>
<tr>
<td>Belgium</td>
<td>530</td>
<td>Jordan</td>
<td>0</td>
<td>Spain</td>
<td>1472</td>
<td>Czech Republic</td>
<td>471</td>
<td>136</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>45</td>
<td>Republic of Korea</td>
<td>246</td>
<td>Sweden</td>
<td>500</td>
<td>Croatia</td>
<td>288</td>
<td>163</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>611</td>
<td>Latvia</td>
<td>136</td>
<td>The FYROM*</td>
<td>55</td>
<td>Croatia</td>
<td>288</td>
<td>55</td>
</tr>
<tr>
<td>Canada</td>
<td>2903</td>
<td>Lithuania</td>
<td>179</td>
<td>Tonga</td>
<td>163</td>
<td>Czech Republic</td>
<td>471</td>
<td>179</td>
</tr>
<tr>
<td>Croatia</td>
<td>288</td>
<td>Luxembourg</td>
<td>9</td>
<td>Turkey</td>
<td>1823</td>
<td>Denmark</td>
<td>750</td>
<td>2903</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>471</td>
<td>Malaysia</td>
<td>30</td>
<td>Ukraine</td>
<td>20</td>
<td>Denmark</td>
<td>750</td>
<td>136</td>
</tr>
<tr>
<td>Denmark</td>
<td>750</td>
<td>Mongolia</td>
<td>62</td>
<td>United Arab Emirates</td>
<td>35</td>
<td>Estonia</td>
<td>159</td>
<td>35</td>
</tr>
<tr>
<td>Estonia</td>
<td>159</td>
<td>Montenegro</td>
<td>35</td>
<td>United Kingdom</td>
<td>9500</td>
<td>Finland</td>
<td>165</td>
<td>165</td>
</tr>
<tr>
<td>Finland</td>
<td>165</td>
<td>Netherlands</td>
<td>196</td>
<td>United States</td>
<td>90000</td>
<td>Malaysia</td>
<td>30</td>
<td>196</td>
</tr>
<tr>
<td>France</td>
<td>4000</td>
<td>New Zealand</td>
<td>234</td>
<td></td>
<td></td>
<td>Portugal</td>
<td>116</td>
<td>234</td>
</tr>
<tr>
<td>Georgia</td>
<td>924</td>
<td>Norway</td>
<td>413</td>
<td></td>
<td></td>
<td>United Arab Emirates</td>
<td>35</td>
<td>413</td>
</tr>
<tr>
<td>Germany</td>
<td>4922</td>
<td>Poland</td>
<td>2490</td>
<td></td>
<td></td>
<td>United Kingdom</td>
<td>9500</td>
<td>2490</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>131982</td>
</tr>
</tbody>
</table>

*The Former Yugoslav Republic of Macedonia. Turkey recognises the Republic of Macedonia with its constitutional name.

**Note on numbers:** Figures are calculated by the Force Flow tracking system at SHAPE HQ and count all troops under the Command and Control of COMISAF. Numbers of troops should be taken as indicative as they change daily.
Information Sharing Complexity

North Atlantic Treaty Organization (NATO) (28)
International Security Assistance Forces (ISAF) (48)
Global Counter-Terrorism Force (GCTF) (86)

• UN
• USAID
• GIRoA
• NGO
• PVO

ACGU (4 EYES)
FVEY (5 EYES)
Multiple Networks in the Operational Environment*

CONSIDERATIONS

- Cross Domain Solution may not touch every country or every system.
- File Sanitization Tools will still be necessary to perform automated scanning and dirty word searches.

* Does Not Include SIGINT & CSA Networks
Coalition Operations
Agenda

- BLUF
- Dynamics of Coalition Operations
- Cross Domain Lifecycle
- Enterprise Solutions
- Consolidated Dissemination Nodes
- Future Regional Partner’s Network
"How do you work this thing?"
Agenda

★ BLUF
★ Dynamics of Coalition Operations
★ Cross Domain Lifecycle
★ Enterprise Solutions
★ Consolidated Dissemination Nodes
★ Future Regional Partner’s Network
Resistance is Futile!!

- Enterprise Solutions make sense on paper
- Waiting for the enterprise solution doesn’t always give the warfighter what they need
- Tiered approach to use existing solutions regardless where they reside
- Migration Strategy
## Cross Domain User Guides

<table>
<thead>
<tr>
<th>From Domain</th>
<th>To Domain</th>
<th>NIPR</th>
<th>SIPR</th>
<th>CX-I</th>
<th>CX-G</th>
<th>BICES</th>
<th>NATO-S</th>
<th>Stone Ghost</th>
<th>JWICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIPR</td>
<td>NIPR</td>
<td>● EMAIL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIPR</td>
<td>SIPR</td>
<td>● COP/CIP</td>
<td>● TIPPERS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CX-I</td>
<td>CX-I</td>
<td>● EMAIL W/ ATTACH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CX-G</td>
<td>CX-G</td>
<td>● FILE TRANSFER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BICES</td>
<td>BICES</td>
<td>● FMV</td>
<td>● IMAGERY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NATO-S</td>
<td>NATO-S</td>
<td>● CHAT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stone Ghost</td>
<td>Stone Ghost</td>
<td>● VOIP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JWICS</td>
<td>JWICS</td>
<td>● VTC</td>
<td>● GIS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- What the guard does
- Who is the gate keeper
- Where is it available
- How do I gain access
- Do I need training
- How do I use the guard
- Who do I contact when it’s not working
- etc., etc.
Agenda

★ BLUF
★ Dynamics of Coalition Operations
★ Cross Domain Lifecycle
★ Enterprise Solutions
★ Consolidated Dissemination Nodes
★ Future Regional Partner’s Network
Benefits:
- Appropriately Staffed
- Properly Equipped
- Properly Trained
- Continuous Availability
- Efficient Processes
- Data Discoverable on NATO Networks
- Prevents Duplication of Efforts by Many
- Searchable
- More Timely

Reciprocity:
- Holistically provide NATO Data to US Networks
- “NATO” Space on SIPR and JWICS
- Timely—Reduces or Eliminates Current Chokepoints
- Data Discoverable on US Networks
- Prevents Duplication of Efforts by Many

Proper Dissemination to C/S/A Web Site on Appropriate Network
In accordance with NATO Search and Discovery Requirements
DAIIS Dissemination Metrics supporting ISAF

SIPRNET OEF Intelligence Products/Reports = 31,590
AMN Intelligence Products/Reports = 21,022

*Tearlines and releasable message traffic to MPS*

**SIPRNET**
TOTAL = 728,234
All Source = 33
CIA = 4,456
DODSPECON = 10,394
DODSPECSEVEN = 572
EMBASSY-KABUL = 31
IIR = 32,074
Klieglights (KL) = 204,556
ONA (Australia) = 58
TACREP = 223,863
WATCH = 781
TEARLINE = 251,416

**Afghan Mission Network**
TOTAL = 123,664
DODSPECON = 864
EMBASSY-KABUL = 25
IIR = 23,250
KL = 1,344
TACREP = 43,691
WATCH = 579
TEARLINE = 53,911

01AUG2010 – 31JUL2011
Annual Posted Product Snapshot

1 Jul 2010 – 1 Jul 2011

- SIPRNet - 8597
- Stone Ghost - 6402
- REL-CIE - 4573
- USBICES - 3521
- JWICS - 3205
- C-ISAF - 3108
- Bilat - 2446
- C-GCTF - 935
- NIPRNet - 4

Total products posted: 32,791
1x Data Spill: 21 Sep 2010
Success rate: 99.99...%
BLUF

Dynamics of Coalition Operations

Cross Domain Lifecycle

Enterprise Solutions

Consolidated Dissemination Nodes

Future Regional Partner’s Network
★ U.S. will likely never fight alone
★ CENTRIXS-like network will be used for Information Sharing
★ Dynamically configurable CDS are required
★ Initially Support Phase 0 operations
★ Expand to support Full Spectrum of Operations (Phase 0-4)
UNIFIED PROTECTOR

USEUCOM

USCENTCOM

USAFRICOM
Parting Shot

“Gentlemen, we have run out of money. Now we must think.”

--Winston Churchill
QUESTIONS ???

Overall Classification of this Briefing is

UNCLASSIFIED