Defense Information Systems Agency

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Connection Approval

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Agenda

- NSC Mission/Organization
- Common Connection Package Processing Delays
- GIG Waivers
- Disconnect Process
- NSC Today
- NSC Tomorrow
  - DISA Campaign Plan/Priorities
  - NSC Outlook
  - Connection Process Guide
- Discussion/Questions

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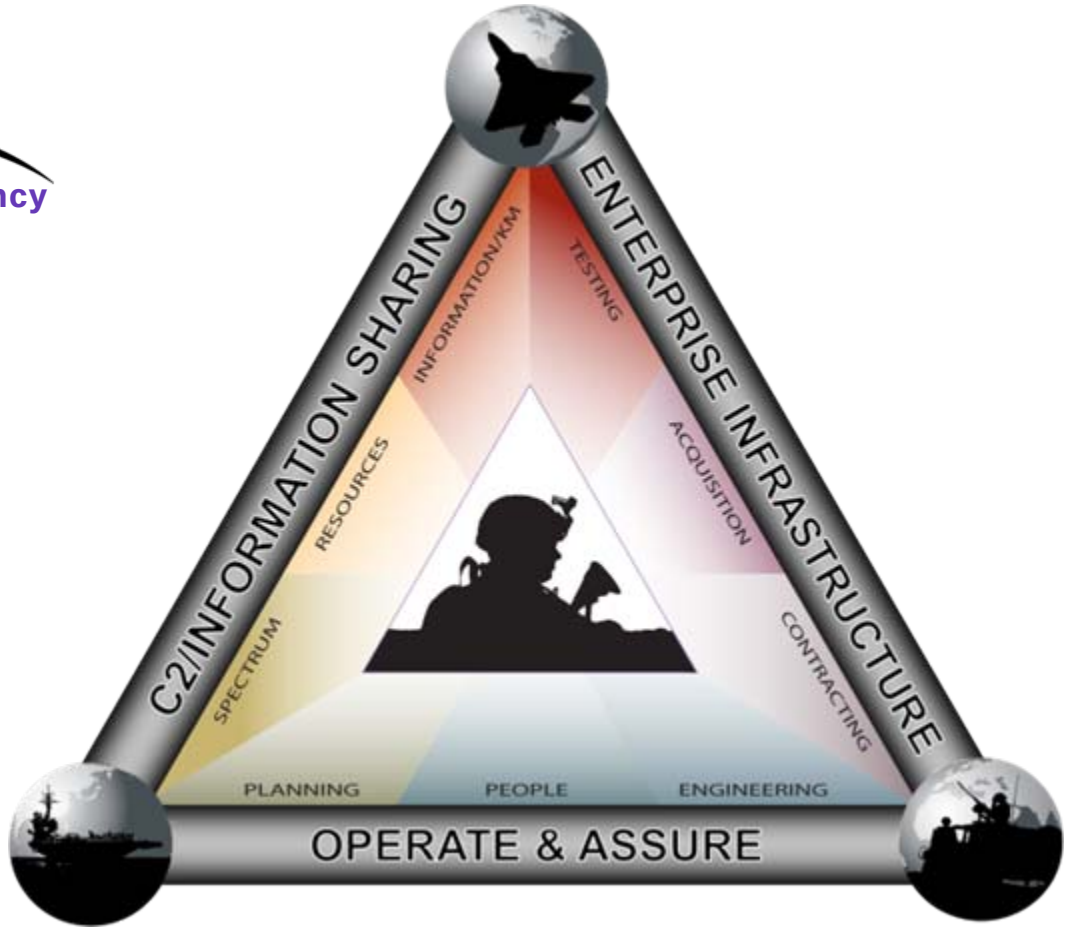

Mission:

In support of the Warfighter and Mission Partners, NSC approves and monitors connections for Information Systems and Networks that have been designed, configured, and authorized to operate on the Global Information Grid (GIG). In support of DoD and DISA's mission, NSC hosts the Defense Information Assurance / Security Accreditation Working Group (DSAWG) and the Ports, Protocols, and Services Management (PPSM).

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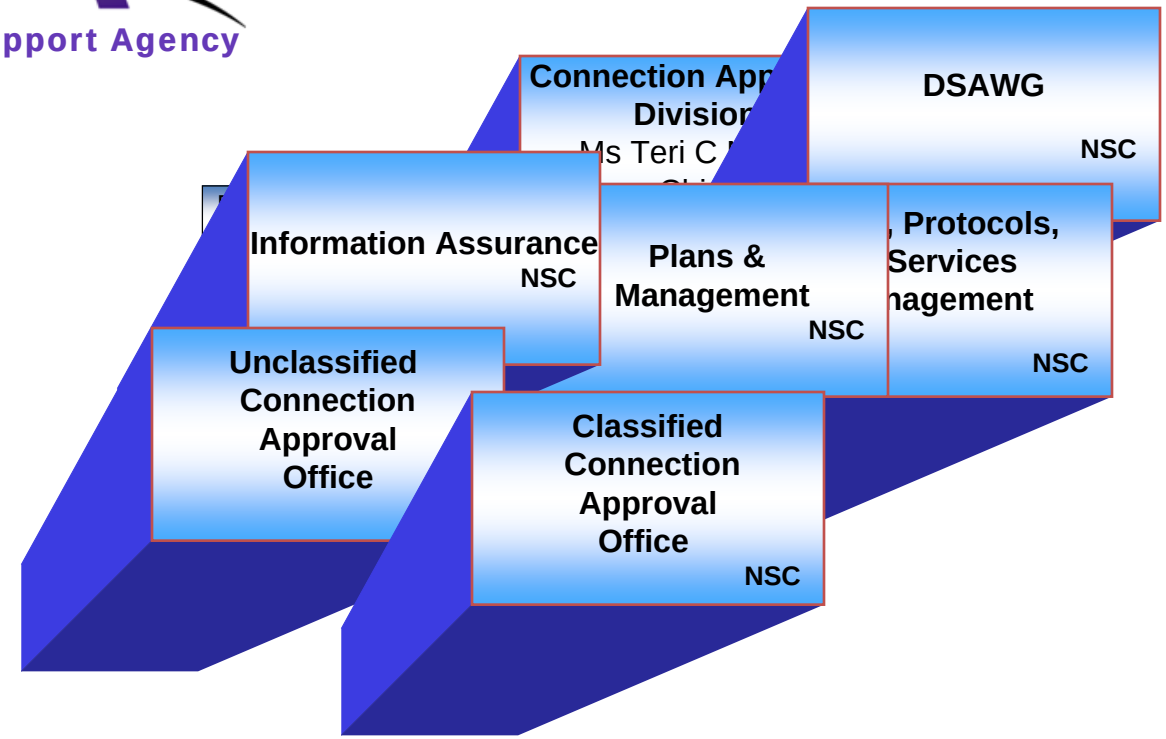

FUNCTIONS/CONTRIBUTIONS

- Connection Approvals for classified and unclassified voice, video, and data (circuit and enclave)
- OSD Internet Waiver Management
- SIPRNet Remote Compliance Monitoring
- Cross Domain Connection Technical Review and Approvals
- REL DMZ Analysis/Connection
- Customer education and outreach

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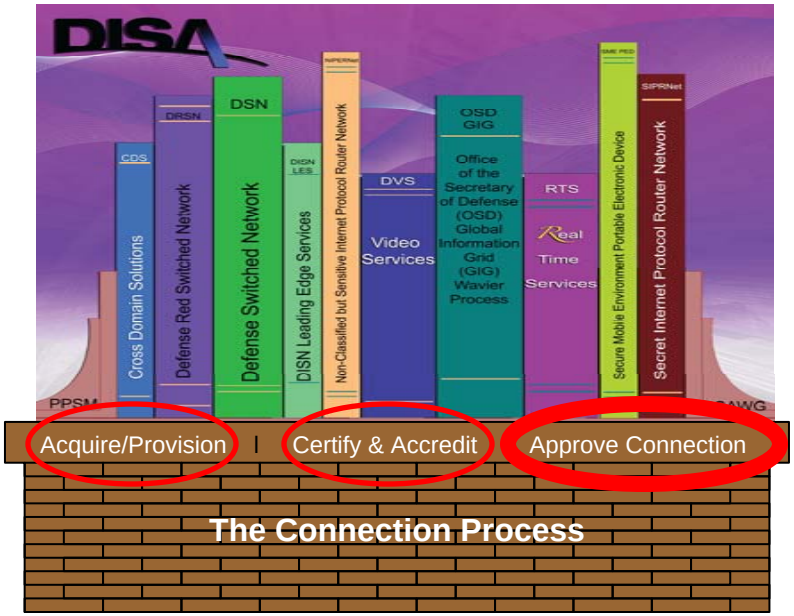

MAJOR PROJECTS

- **Eliminate customer reliance on email to submit connection approval package artifacts**
- **Fix capability problems in classified and unclassified connection databases**
- **Establish web-based customer visibility tool to track package statuses**
- **Establish local connection approval processing COOP capability**

Connection Approval Process (CAP)
Too Complex * Takes Too Much Time * Lacks Visibility

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Common Connection Package Processing Delays

- **Incomplete or Missing Information**
  - **DIACAP Executive Package**
    - **Signed Scorecard**
      - **Physically signed by the DAA**
      - **Digitally signed by the DAA**
      - **Received as an attachment, on NIPRNet, with the DAA CAC/PKI credentials**
      - **Received as an attachment, on SIPRNet, from the DAA email account**
      - **An ATO/IATO letter, signed by the DAA, acknowledging DIACAP requirements have been met ****

        ****Does not alleviate the requirement to submit a fully complete DIACAP Executive package**
    - **System Identification Profile (SIP)**
    - **POA&M**

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Common Connection Package Processing Delays

- SGS Registration (formally SIPRNet Connection Questionnaire)
- Topology (IP Addresses, Make/Model/Version of IDS/Firewalls)
- Failed scan on new circuit
- Not registered in SNAP/PPSM
- Delays in resolving remote assessment findings (Retina Scan)
- Lack of DoD Sponsor involvement in C&A process
- Computer Network Defense Service Provider (CNDSP) not identified

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Waivers

OSD GIG Waiver required for any commercial ISP connection that processes DoD information

- **Types of waivers**
  - **An Internet waiver is required for temporary approval for a CC/S/A connected to the unclassified DISN to connect to the Internet (e.g., a CC/S/A connected to the Internet using a NIPRNET Internet Access Point).**
  - **A User Enclave Waiver is required for a connection to the Internet by a CC/S/A that is not connected to the unclassified DISN (e.g., a stand-alone IS connected to the Internet by a commercial Internet Service Provider).**

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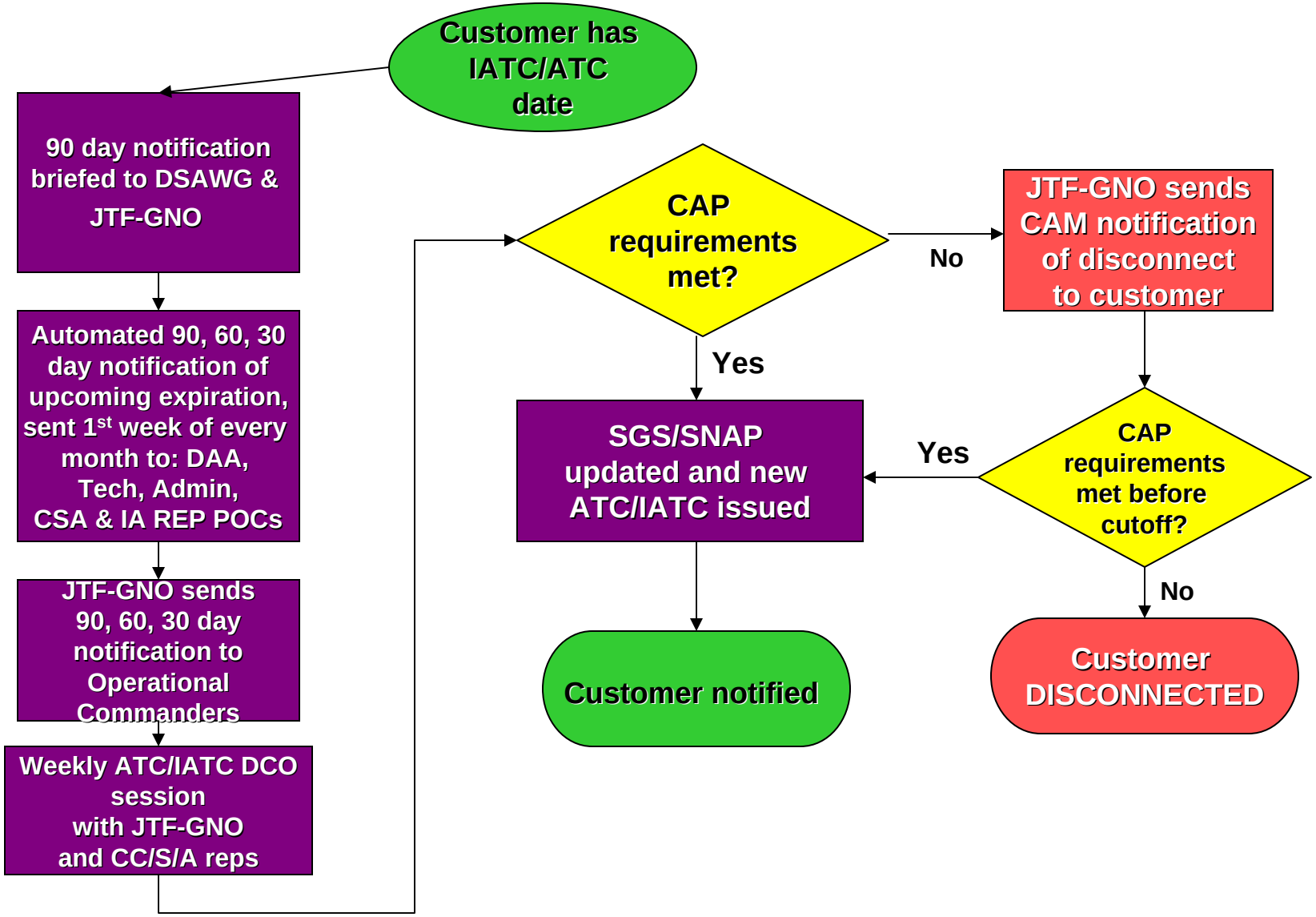
Disconnect Notification Process



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Disconnects

- **Expired ATC/IATC**
- **Three consecutive scan failures**
- **DISA recommends disconnect ~ JTF-GNO directs**

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NSC Today

Achieved Today

- **Eliminated bottlenecks and non-value added steps**
  - **Reduced connection timeline 50%**
  - **No SIPR scans to renew a connection**
  - **“Team concept” – eliminated CC/S/A-specific analysts**
  - **Encourage/accept “blanket” consent to monitor from DAA**
- **Enhancements**
  - **SIPRNet GIAP System (SGS) Registration (formally SIPRNet Connection Questionnaire (SCQ)) converting from hard copy to Web-enabled form**
    - **Will directly feed database (October operational test)**
  - **New DITSCAP packages no longer accepted**
  - **Receipt/Re-work notice and tracking number for every package within 24-48 hours of receipt**

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NSC Tomorrow

MAJOR PROJECTS

- Eliminate customer reliance on email for connection package
  - eMASS Pilot
- New Connection Process Guide (v3)
- Director-level policy changes
- Fix capability problems in classified and unclassified databases
- Operationalize COOP capability for production database
- Web-based customer visibility tool to track package status
- Local connection approval processing COOP capability

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DISA Priorities

Enterprise Infrastructure

- Integrated Communications /Computing
- Infrastructures
- Everything Over IP
- Integrated Terrestrial, Satellite & Wireless

Command and Control

- Operational C2
- Information Sharing
- National Leadership and Nuclear C2

Operate and Assure

- Operate the Enterprise in the face of cyber attack
- Optimized NETOPS Structure
- Deliberate and Crisis Planning Processes
- Risk Management through Compliance
- Secure the Enterprise

NSC Outlook

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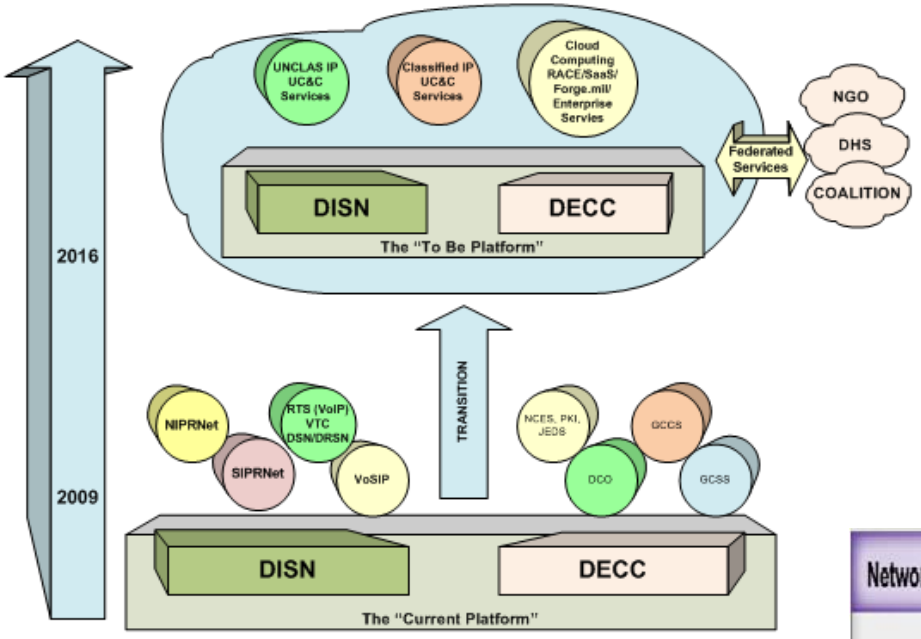
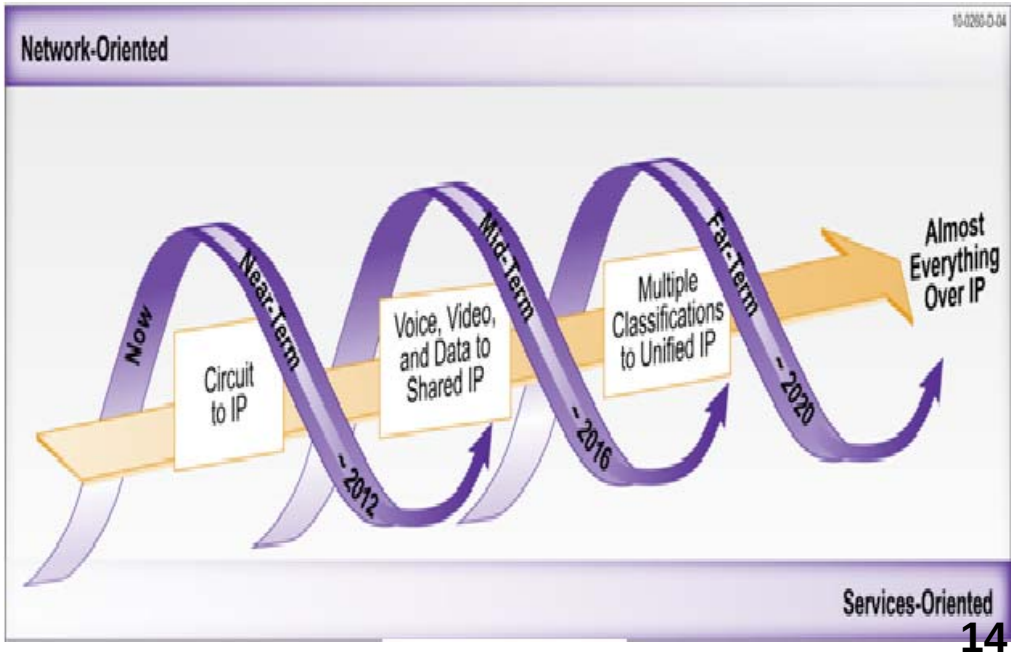


Changes Ahead

- Can not afford to operate in stove-pipes
- Services are converging
- Increased automation
- EoIP
- Cloud computing

Needs

- Faster - 'yesterday'
- Better visibility
- Less complexity
- Access to data
- Earlier integration
- Customer Outreach



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Connection Process Guide (CPG)

- **Applies to all DoD & Non-DoD customers desiring a connection to any DISN network or service (voice, video, data)**
- **Basic Guide: Requirements & timelines common across all DISN networks & services**
- **Appendices: Requirements & timelines unique to individual DISN networks and services**

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Take Away

Problem: Too Complex

- Connection Process Guide
- Policy
- DAA Involvement
- Training/Assistance
- Common Requirements
- Blanket CTM
- eMASS

Takes Too Much Time

- Stay involved
- Follow-up on gaps
- Follow policy
- Use resources
- Common Requirements
- eMASS
- Web Enabled SGS Registration (SCQ)

Lacks Visibility

- eMASS
- SGS/SNAP
- Future Enhancements

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Points of Contact

Classified Connection Approval Office (CCAO)

ccao@disa.mil (smil.mil)

703-882-1455 (DSN 312-381-1455)

Unclassified Connection Approval Office (UCAO)

ucao@disa.mil (smil.mil)

703-882-2086 (DSN 312-381-2086)

Ports, Protocols, and Services Management Office (PPSM)

ppsm@disa.mil (smil.mil)

703-882-1776 (DSN 312-381-1776)

DSAWG Secretariat

dsawg@disa.mil (smil.mil)

703-882-0206 (DSN 312-381-0206)

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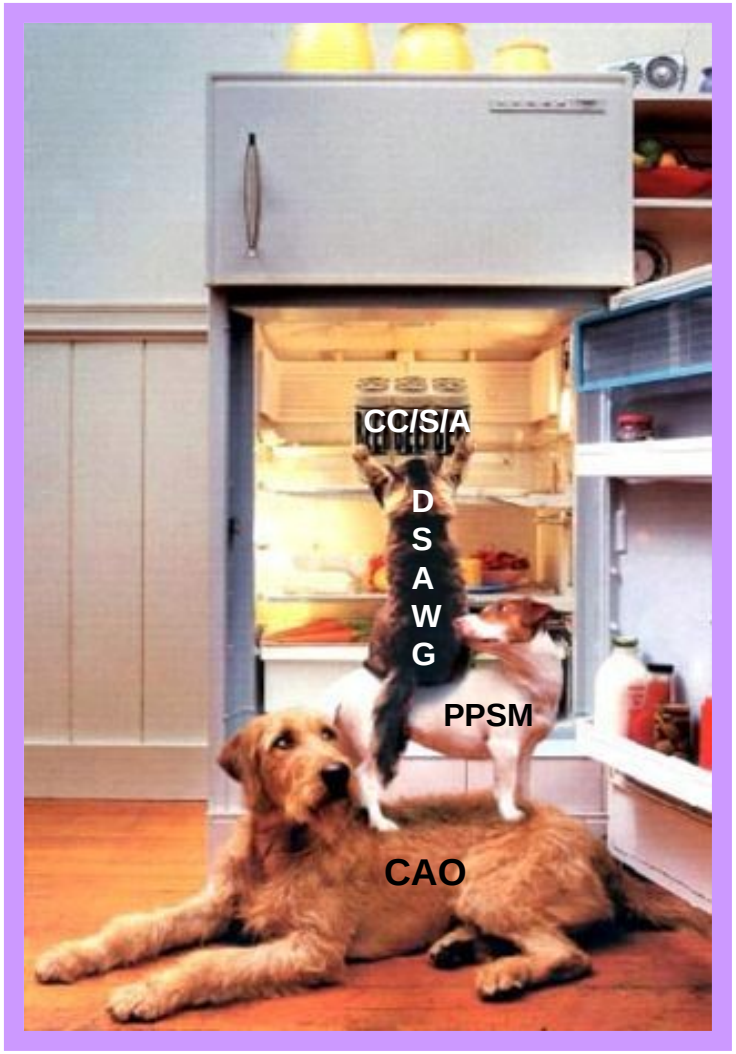
Teams Make It Happen



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Backup Slides


DEFENSE INFORMATION SYSTEMS AGENCY

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Defense IA/Security Accreditation WG (DSAWG)

- **DSAWG Mission**

  Review and resolve authorization and connection decisions related to the sharing of GIG IA and security risk, as authorized by the GIG Flag panel.

- **Responsibilities**

  Assess community-wide risks associated with:

  - **DISN/GIG cross-domain interconnections**
  - **Multiple security level technologies installed on a DISN/GIG-supported infrastructure**
  - **New or unproven technologies and security solutions**

- **Involving DSAWG in connection issues that redefine process:**
  - **Open Source Software (OSS): Army use/deployment of SNORT**
    - **An open source intrusion detection application**
    - **Army to provide CoN to DISA FSO, FSO provide risk recommendation to DSAWG, DSAWG provide risk acceptance decision to CC/S/A and CAO**
  - **Reciprocity at its best**