DISA Services Course

Executive Overview – AFCEA

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June 14, 2017
DISA Services Course

Segment 1
1. DISA Services Overview
2. The DISN
3. DISA Operations

Segment 2
4. Intro to DISA Services
5. Network Services
6. Enterprise and Computing Services

Segment 3
7. Cybersecurity
8. Get Connected!
9. Wrap up

Link to course website:
http://disa.mil/NewsandEvents/Training/DISA-Services-Course
Includes upcoming schedule and process for requesting/hosting a class
Development & Business Center (DBC)

- Customer Relationship Mgmt
- Innovation & Technology Insertion
- Requirements Analysis
- Enterprise Engineering
- Joint C2 Development
- National Background Investigation System
- Enterprise Application/System Development
- Mobility
- Cybersecurity
- Cyber Situational Awareness
- Joint Interoperability Testing
- Strategic Communications

Development and Business Center

- Cyber Development Directorate
- Services Development Directorate
- Joint Interoperability Test Command
- National Background Investigation System Dir.

Mission Partner Contact Offices

- Mission Partner Engagement
- Innovation, Systems Engineering & Architecture
- Requirements & Analysis
- Strategic Communications
Development and Business Center (DBC) Portfolios

Command & Control (C2)
- GCCS-J, GCSS-J
- JPES

Cyber Security, S/A, JRSS
- Cyber Situational Awareness (S/A), Analytics, DODIN Cybersecurity

Unified Capabilities
- Email, Chat, Collaboration, Video, office automation, mass warning notification

Business Systems
- Facilitate provisioning, financial management, contract administration, personnel and facility management requirements

Mobility
- Implementation, Systems Engineering, Device/App Framework, Mobility Infrastructure
Mission Partner Engagement Office (MPEO)

SINGLE POINT OF ENTRY

Track
Service
Deployment

Requirements
Definition

New Service Development

Service Request Forms

Advocate for Mission Partners

Efficiency
MPEO Outreach Teams

• Information
  – Provide information to mission partners (MP) on DISA’s services and requirements

• Service Requests
  – Assist MP with Service Requests/Service Request Forms for ordering service

• Resolution
  – Assist in resolving mission partner issues

• Champion
  – Champion mission partner requirements within DISA

• Teamwork
  – Improve teamwork and communications between DISA and MP

Contact an Outreach Team member:
• Provides Transport, Infrastructure and Enterprise Services
  - **Infrastructure Directorate**
    • Implement and sustain the global transport, voice, video and data network infrastructure
  - **Services Directorate**
    • Deliver enterprise & computing services to DISA and mission partners across the global DODIN

• **Operates and Assures the DISN**
  - **Cyberspace-Operations Directorate**
    • Ensures the DISN and the networks and services that ride DISN are ALWAYS ON and available to our warfighters
    • Supports USCYBERCOM in its mission to secure/operate and defend the DODIN
Operations Center (OC) Portfolios

Defensive Cyber Services and Operations
DISA Command Center, Regional Operations Centers, Field Commands/Field Offices, Global Service Desk

Communications Infrastructure Services and Operations
DISN Transport, SATCOM, Gateways, Mission Partner Environment, Engineering

Enterprise and Data Center Services and Operations
ECOSYSTEM, Applications, Hosting, Global Service Desk
The DODIN: The end-to-end set of information capabilities, associated processes, and support personnel for:

- Collecting
- Processing
- Storing
- Disseminating
- Managing

Information on demand to warfighters, policy makers and support personnel
The DISN – Supporting DoD Communications
Continuously Transforming to Support the Joint Forces in Peace, War and Any Form of Conflict
SATCOM Evolution...
Strategic Agility, Flexibility and Responsiveness

- Execution of Gateway Rightsizing Planning Activities Begins
- Offer a diverse portfolio of faster global broadband services and devices enabled by Indium IP
- Implementation of enhanced and automated service management processes

Evolution SATCOM Capabilities and Services
- Transport Network Communications Transport Networking, Provide SATCOM Diversity and Resiliency, and Durable Network Standardization, Modularity, and Interoperability
- Enhanced Order Entry & Management
- Modernize DISN Transport infrastructure and Optimize M&COMSATCOM Capabilities
- Enhance Network Management and Facilities
- Ensure National Leadership Command Capabilities (NLLC) Assured Connectivity

Evolving SATCOM Capabilities and Services
- LM22 provides Unltd. ULG, and secure Indium airborne for voice, data, Global Data Broadcast, and protected ACs capabilities to DoD users
- NSA-compliant, removable, Indium Security Module (ISM) enables voice up to 4032, and securing TCP/SECURE/TCP
- Establishes 3 colocated Indium Federalized terminal ground station at a site in Northeast CONUS
- Indium's NEXT Second Generation Constellation Launched to expand bandwidth capability
- Enhanced Satellite Communications
- Enhanced Order Entry & Management
- Digital Intermediate Frequency (Digital IF)
- Provides the DoD with Unltd. ULG, and secure Indium airborne for voice, data, Global Data Broadcast, and protected ACs capabilities to DoD users

Expanded Incident Management
- Software Defined Networks and Network Function Virtualization applications to SUNS
- Incorporate advanced network capabilities such as SUNS and IP-based solutions, and enhance IAF capabilities

Align FY17-18

Converge FY19-20

Satellite Unified NetCentric System (SUNS)
- DisN SATCOM will be a Fully Converged, Net-Centric System
- Seamlessly integrates with the Transport and Mobility capability assets to provide an integrated digital environment
- Reducing Operation costs by eliminating duplication and improving the overall net-centric capability
- Streamline and consolidate Network Operations Support
- Any time, anywhere, extensible infrastructure and broadband terminals and modern increasing overall satellite capacity

Modernize FY21-22+

Strategic View

Tactical View

UNCLASSIFIED
Joint Information Environment (JIE)

Enterprise-Wide Situational Awareness

Centralized Operational Control

Minimized Cyber Attack Surface

Global Enterprise Operations Center w/ Enterprise Situational Awareness (SA) and C2

JIE Access Points (EOCs w/ Regional SA)

Enterprise Data Centers

Enterprise Services
- Enterprise E-mail
- Cloud computing
- Identity Management
- Access Management
- Enterprise Portal
- Enterprise Licensing

Enterprise Security
- System focused
- Application/data focused
- Implemented at key points
- Standardized config.
- Simultaneously deployed controls
- Smaller more efficient force
- Visibility of entire JIE
- Real-time defensive operations

Terrestrial & SATCOM Transport

Internet Access Points

Viruses

State Actors
DISA Operations
See, Understand, Decide, Direct

DISA Command Center
Exercises robust and redundant C2 of all DISA resources

DISA NetOps Centers
Operate, secure and sustain DISA's enterprise infrastructure and services

Global Service Desk
Single point of entry for service desk support

DISA Field Commands & Field Offices
DISA global/regional operations and management for a specific mission partner and/or an area of responsibility
DISA's services listed by category on disa.mil:
- Computing
- Cybersecurity
- Enterprise Services
- Network Services
- Mission Support (Services)
## Applications
- Defense Collaboration Services (DCS)
- DoD Automated Time, Attendance, and Production System (ATAAPS)
- DoD Enterprise Email (DEE)
- DoD Enterprise Portal Service (DEPS)
- FORGE.MIL
- Strategic Knowledge Integration Web (SKIWeb)
- Secure File Gateway (SFG) Relay Svc.

## Identity & Access Management
- DoD Visitor
- Enterprise Directory Services (EDS)
- Global Directory Services (GDS)
- Identity Synchronization Service (IdSS)
- National Security PKI Common Service Provider (NSS PKI CSP)
- PKI/PKE

## Video
- Global Video Services (GVS)
  - Desktop-based
  - Room-based
  - TS/SCI Videoconferencing

## Mobility
- DISN Enterprise Classified Travel Kit Gateway (DECTK-GW)
- DoD Mobility Program

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And others...
DoD Mobility DMUC/DMCC-S Capabilities


**DMUC**
- UNCLASS Enterprise Managed Service Offering
- Uses commercially available mobile Phones and Tablets
- 300+ Approved Applications
- Mobile Application Store
- App Vetting Service
- Derived PKI Credentials
- Enterprise Trusted Wi-Fi
- OS/App Compliance
- Electronic Flight Bag (EFB)

**DMCC**
- Secure Enterprise Voice and Email using CSfC
- DoD & Non-DoD Federal customers
- Limited Coalition Partner Use
- Global Service Area
- UVDS Pilot
- Continuous Monitoring Cyber Capabilities
- UNCLASS while off/Pin out

**APP MANAGEMENT**
- PILOT
- Derived PKI Credentials
- Enterprise Trusted Wi-Fi
- OS/App Compliance
- Electronic Flight Bag (EFB)

**UNCLASSIFIED**
- UNCLASS Enterprise Managed Service Offering
- Uses commercially available mobile Phones and Tablets
- 300+ Approved Applications
- Mobile Application Store
- App Vetting Service
- Derived PKI Credentials
- Enterprise Trusted Wi-Fi
- OS/App Compliance
- Electronic Flight Bag (EFB)

**CLASSIFIED**
- TS Pilot 2nd Qtr FY17 with Next Generation Device

**TOP SECRET**
- TS Collateral Voice Only

**CYBER SECURITY**
- Secure Enterprise Voice and Email using CSfC
- DoD & Non-DoD Federal customers
- Limited Coalition Partner Use
- Global Service Area
- UVDS Pilot
- Continuous Monitoring Cyber Capabilities
- UNCLASS while off/Pin out

RECIROCITY
Partnered with TRADOC to vet GOTS Apps
Computing Services

DISA Service Catalog – www.disa.mil/computing

COMPUTING SERVICES

The world-class team of technicians in DISA delivers mature and standardized operations processes, centralized management, and partner-focused support. DISA manages all the partner data, including hardware components (computers, storage devices, and networks), software, and labor. DISA provides the stable environment within which our partners’ applications can run.

Cloud
- Cloud Service Support
- MilCloud
- MilCloud Plus
- Storage as a Service (STaaS)

Hosting
- Mainframe Hosting
  - IBM
  - IBM Linux on System Z
  - UNISYS
- Server Hosting
  - Server Hosting and Virtualization
  - Storage
- Continuity of Operations (COOP)/Service Continuity

Infrastructure
- Enterprise Messaging (EM)
- milCloud provides on-premises DoD private cloud services through a web-based portal
  - Partner-managed virtual environments for deploying compute, storage and network resources in a secure environment
  - Available on NIPRNet and SIPRNet
  - milCloud IaaS: Self-service, auto provisioning of Virtual Data Centers
  - milCloud Plus: DISA-managed Virtual Data Center
### Content Delivery
- Global Content Delivery Service (GCDS)
- Secret IP Data (SIPRNet)
- TS/SCI IP Data (JWICS)
- Multicast

### Data
- SBU IP Data (NIPRNet)

### Messaging
- Organizational Messaging Service (OMS)

### VPN
- Common Mission Network Transport (CMNT)
- DISN Test and Evaluation (DISN T&E) Service
- Joint Information Environment-Joint Regional Security Private Network (VPN)
- Label Transport Service
- Medical Community of Interest (MEDCOI)
- Private Data Internet Service Provider
- Private iP Service
- Private LAN Service
- Secret Private IP
- Mission Partner Gateway (MPG)
- Internet Access Point (IAP) Demilitarized Zone (DMZ)

### Satellite
- Commercial Satellite (COMSATCOM)
- Distributed Tactical Communications System (DTCS)
- International Maritime Satellite (INMARSAT)
- Joint Internet Protocol Modem (JIPM)

### Transport
- Dedicated

### Voice
- Defense Red Switch Network (DRSN)
- SBU Voice (VoIP and DSN)
- TS/SCI Voice (JWICS)
- Voice ISP-PSTN
- Voice over Secure IP (VoSIP)
- Enterprise Classified Voice over Internet Protocol (ECVoIP)
- Enterprise Voice over Internet Protocol (EVoIP)
DISA SATCOM Portfolios
Programs, Services, Support, and Technologies

The DISA SATCOM Organization provides service offerings that expand the spectrum of capabilities required to enable data, voice, and video services regardless of the user’s location. DISA provides the right skilled resources to deliver the development, implementation, and operation of the full satellite communications service portfolio.

SATCOM Centralized Program Management

Centralized Program Management Office with Strategic Focus on Enterprise-wide Efficiencies
- SATCOM Centralized Program Management Office leads current and future operational planning, integration, and configuration of SATCOM delivered DISN and other services

DoD Gateway Provider with State-of-the-Art Solutions for Military Satellite Communications
- Leading Future Design & Evolution of Enterprise Satellite Communication Gateways
- Supporting Military & Commercial SATCOM Path Diversity and Resiliency
- Providing a Suite of Unified Capabilities
- Extending DISN Services through NetCentric Multi-band satellite communications

DoD Commercial SATCOM Support Organization of Choice
- Pathfinder: investigate service alternatives to address fiscal, policy, and operational challenges
- Procurement & Leasing Services
- Ensure compliance with all Federal and DoD acquisition and information assurance regulations
- Requirements analysis and system engineering support

Military Satellite Communications (MILSATCOM)

Commercial Satellite Communications (COMSATCOM)

Global Enterprise Integrated Network and Computing Services for Aerial Platforms
- Provide Two-Way Sensor Data Transport (T2SDT) fly-away suites, A-ISAR modern hubs at SATCOM Gateways and Expanded UVDS portal
- Providing Global A-ISAR Capabilities and Expanding to USCENTCOM AOR
- Establishing an A-ISAR Task Force to document A-ISAR transport requirements
- Supporting and implementing the Airborne ISR Transport activities

Enhanced Mobile Satellite Services (EMSS)

Superior Mobile Satellite capability and reliability on a Global Scale
- Connecting DISA Partners to the Iridium Satellite Constellation
- Global Reach Communications with Phone and Messaging Capabilities
- Supporting One-Way Global Data Broadcast & Paging
- Enabling Field Users the ability to simultaneously communicate to all other radios using a shared network

Airborne, Intelligence, Surveillance, and Reconnaissance (A-ISAR)
# Cybersecurity Services

**DISA Service Catalog – [www.DISA.mil/cybersecurity](http://www.DISA.mil/cybersecurity)**

## Video: Cybersecurity Services Overview

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## CYBERSECURITY

### Analytics
- Acropolis
- Continuous Monitoring and Risk Scoring (CMRS)

### Assessments & Inspections
- Enterprise Mission Assurance Support Service (eMASS)
- Information Assurance (IA) Analysis
- Assessments and Authorizations

### Cross Domain Solutions
- Cross Domain Enterprise Services (CDES)

### Incident Management
- Joint Incident Management System (JIMS)

### Network Defense
- Anti-Virus/Anti-Spyware Solutions
- Assured Compliance Assessment Solution (ACAS)
- Bootable Media (BootMe)
- Cybersecurity Security Provider (CSSP)
- Endpoint Security Solutions (ESS)

### Secure Configuration Guidance
- Secure Configuration Guidance

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Joint Communication Simulation System (JCSS)

- Analyze and Simulate Communications Networks
- Model End-to-End Delay
- Make Better Capacity Planning Decisions
Current DISA-Managed Coalition Information Sharing Systems

**VDC (MPE IS)**
- Provides a multi-enclave virtualization system that delivers the same functions as a physical data center and can host multiple discreet mission enclaves
- 13 standard COTS applications

**CENTRIXS**
- Allows US and coalition Nations and their forces to securely share operational and intelligence information in mission enclaves
- Bi-lateral and Multi-lateral enclaves connecting 200+ organizations 24/7/365
- Chat, Email and other COTS services

**CFBLNet**
- Provides network infrastructure to test technologies and training exercises with mission partners
- Partnership with 31 core mission partners and 4 guest mission partners
- 11 network service tools

**CMNT**
- Provides a transport for coalition information sharing
- CMNT is available at any Defense Security Service (DSS) location

**Pegasus**
- Collection of networks and services that enables classified information sharing among participating nations
- Web browsing, Email, SharePoint, Unified Communications, Chat

**UISS-APAN**
- Provides the single enterprise solution for sharing non-classified info supporting DOD Exercises and Humanitarian Assistance / Disaster Relief Mission
- >150K+ users, 100+ nations and 4K+ COIs
- Services (Blogs, Wikis, Conferencing, language translation, chat, email)
Resources

http://disa.mil/NewsandEvents/Training/DISA-Services-Course

- DISA.mil
- IASE.disa.mil
- Mission Partner Portal
- DoDIN Approved Products List (APL)
- DoD Mobility User Corner
Mission Partner Portal

Information Assurance Support Environment (IASE)

http://iase.disa.mil

Online Training
- DoD Cyber Tools
- Education, Training and Awareness (ETA)
- eMASS Training
- Enterprise Connection

Cyber Awareness Presentations
- Cyber Tools Training
- Cyber Training Catalog FY14 (condensed)

Cybersecurity Classroom Training
- Cybersecurity Role-Base Training

FedVTE
- FedVTE Important Announcement
- FedVTE Course List
- FedVTE FAQ

IA Workforce Improvement Program (DoD 8570)

Joint Regional Security Stack (JRSS) Training

Vulnerability Management System (VMS)
DoD Mobility User Corner

DoDIN Approved Products List (APL) Resources

https://aplits.disa.mil (CAC Restricted)

A 'one-stop shop' for DoDIN APL support:

- Process Information
- Test Scheduling
- Solution Documentation
- Upload/Archive/Retrieval
- APL and APL End-of-Life (EOL) Listing
- Resources

### The Approved Products List

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>APLITS User Guide</td>
<td>Gateway to the Approved Products List</td>
</tr>
<tr>
<td>DoDIN APL Process Guide</td>
<td>Site Updates</td>
</tr>
<tr>
<td>The Approved Products Removal List</td>
<td>NEW: APLITS has been updated with new features on 12 July 2018. Please refer to the APLITS User Guide or contact the APOC at <a href="mailto:disa.made.list.approved-products-certification-office@mil.mil">disa.made.list.approved-products-certification-office@mil.mil</a>.</td>
</tr>
<tr>
<td>Testing Schedule</td>
<td>Vendor Access to APLITS</td>
</tr>
<tr>
<td>Testing Centers of Excellence</td>
<td>APLITS access is available to Government/Military personnel with a DoD CAC and to Vendors with an External Certification Authority (ECA) token. ECA certificates can be obtained from the vendors listed below. For questions regarding APLITS access, or for assistance in selecting an ECA certificate, please contact the APOC at <a href="mailto:disa.made.list.approved-products-certification-office@mil.mil">disa.made.list.approved-products-certification-office@mil.mil</a>.</td>
</tr>
<tr>
<td>Frequently Asked Questions</td>
<td>Medium Token Assurance or Medium Hardware Assurance Certificates from:</td>
</tr>
<tr>
<td>Contact the UCCO</td>
<td>IdenTrust, Inc.</td>
</tr>
<tr>
<td>Related Links</td>
<td>Operational Research Consultants, Inc.</td>
</tr>
</tbody>
</table>

### Approved Products List

The DoDIN Approved Products List (APL) is now searchable via the DoDIN APL. Please note, you DO NOT need to be logged in to search the DoDIN APL.

NEW: DoDIN APL Testing Schedule

NEW: Vendors can now submit Updates/Adjustments and DTRs within APLITS, please contact the UCCO at: ucco@mil.mil.
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The IT Combat Support Agency

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