Network Operations Forecast to Industry

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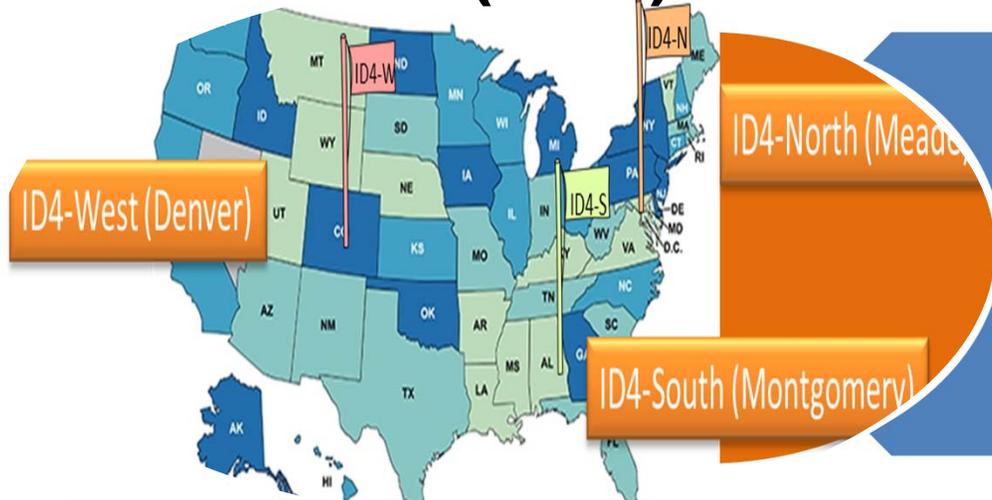
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Operational Support System (OSS) Solutions Division Mission

ID4, an Infrastructure Directorate Division, provides OSS Solutions for DISA's command and control, and information-sharing capabilities to DISA Operations.

ID4-West (Denver)

ID4-North (Meade)

ID4-South (Montgomery)

ID4-W

ID4-N

ID4-S

Acquisition Drivers

- Assuring DoDIN Operations (Transport, Compute, Apps)
- Assuring new technologies (Mobility, Cloud, SDN) and gaps (End User Experience, CMDB...)
- JIE/JRSS OSS Convergence
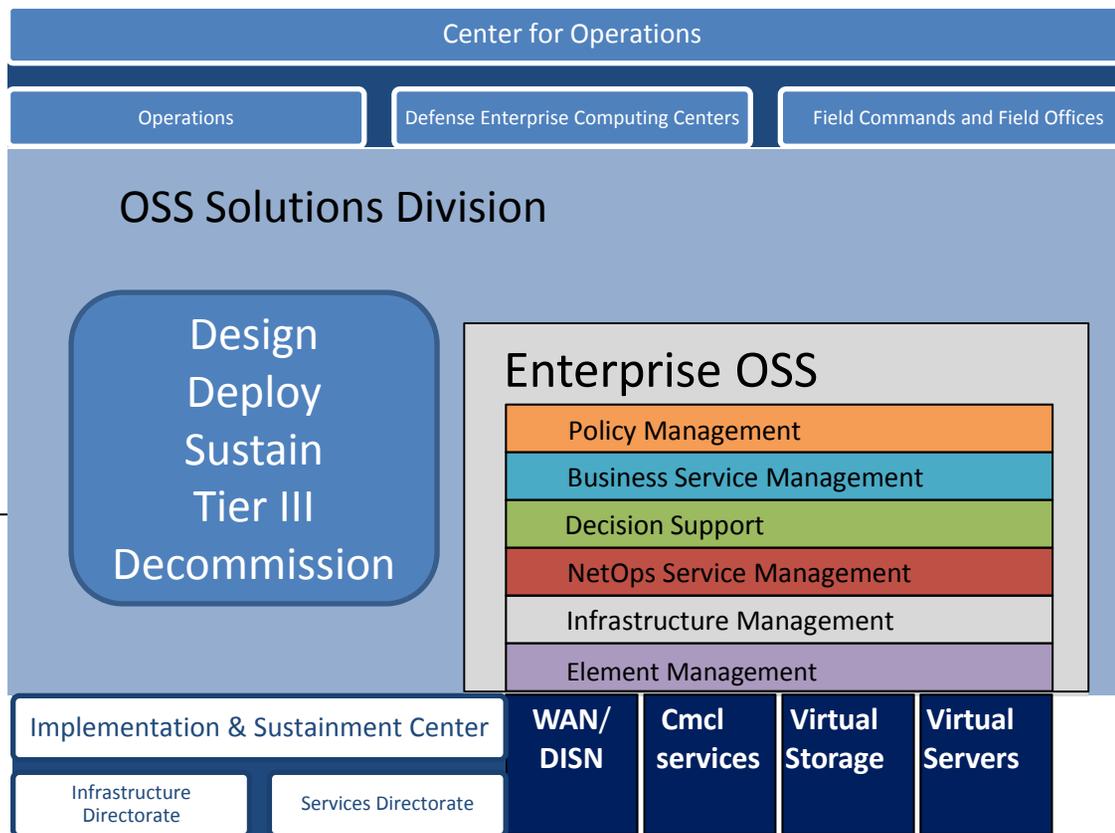- Sync DoDIN/DCO OPS Tools & Processes

DISA's NetOperations

DoD CIO Military Departments Agencies US Cybercom ...

Requirements

DISA Leadership

Operations
Infrastructure
Sustainment

Center for Operations		
Operations	Defense Enterprise Computing Centers	Field Commands and Field Offices

OSS Solutions Division

Design Deploy Sustain Tier III Decommission

Enterprise OSS

Policy Management
Business Service Management
Decision Support
NetOps Service Management
Infrastructure Management
Element Management

Implementation & Sustainment Center		WAN/ DISN	Cmcl services	Virtual Storage	Virtual Servers
Infrastructure Directorate	Services Directorate				

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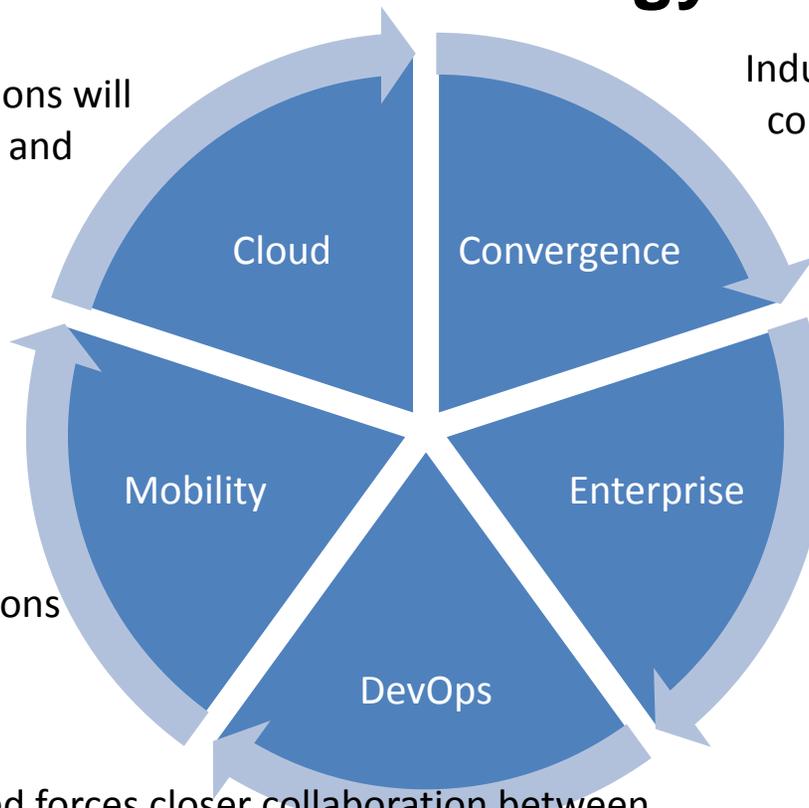
OSS Technology Drivers

Next generation of OSS solutions will take advantage of MILCLOUD and capacity services

Industry capabilities that provide converged OSS solutions will be incorporated into all future solutions

OSS solutions must be consumable everywhere warfighters need NetOperations status and forecasts

Must eliminate redundancies and interconnections gaps between service/agency and DISA solutions

Need for speed forces closer collaboration between developer, operator, sustainer, and cyber force

DISA's future OSS/NetOperations acquisitions will address these needs

Cloud

Convergence

Mobility

Enterprise

DevOps

OSS Solutions Division (ID4)

LINES OF EFFORT

Sustain Existing Solutions	ITSM Convergence	Evolve the Joint Operating Environment	Defense, National Senior Leadership, and NCC Support or Special Interest	Transform the DoDIN OSS
Sustain existing OSS solutions	Converging existing ITSM and ticketing and alarm solutions	Support OSS Solutions for Joint/Enterprise Capabilities	Optimizing and Synchronizing DISA Services and Capabilities	Migrating legacy OSS Solutions to integrated capabilities

- **Compute**
  - SiteScope
  - Tivoli
  - Building Automation Systems (BAS)
  - CA ehealth
  - HPOO/HPNA
  - Log Aggregation Workstation Tracking
  - NetIQ Operation Center (NOC)
  - Oracle
  - Splunk
  - Tivoli
- **Transport**
  - INMS
  - GTMS
  - Data Communications Network
  - Element Management Solutions
  - ADMMIS
  - GNISE
  - NCCM/NCCM-R
	- **ITSM-SSE (Compute & DISANET)**
	- **ITSM-S (DoDIN Transport – SIPRNET)**
	- **ITSM-JRSS (Unclass JMN)**
	- **ITSM-JRSS-S (JMN – Secret)**
	- **JIMS (future) (Defense Cyber Operations)**
		- **Joint Management System**
		- **Joint Information Enterprise**
		- **Joint Satellite Management Enterprise**
			- **IPSAT**	- **Telemetry consolidationss and technical refresh**
				- **Integrated Probe/Sensor Architecture**
				- **Integrated Tools System Inventory (SV-1)**
				- **Integrated OSS Privilege Management**
				- **Integrated App Monitoring**
				- **Integrated CMDB & Automated Provisioning (SDN**
				- **Service Assurance Framework**
				- **OSS Data Warehouse**

OSS Tools Consolidation

Operational View (to be)
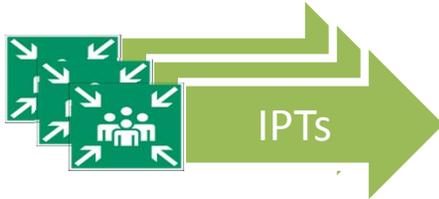
IPTs

Baseline + Gaps and Duplications

Systems Inventory (As-Is)

OSS Investment Council Reviews, approves, and oversees implementation

DoDIN OSS Solutions Evolution Plan

Acquisition Opportunities

Project Title & Description	Program Office	RFP / Projected Award
Information Technology Services Management (ITSM) Replace all existing ITSM solutions with capabilities extendable to the DoD enterprise edge	DISA DBC/ID4	Full and Open Competition; RFP to be released 3QFY17; Award 1QFY18
Transport/Compute Convergence Eliminate duplications and underutilized capabilities for all OSS solutions used for DoDIN Operations (may lead to multiple acquisitions)	DISA DBC/ID4	Full and Open Competition; RFP to be released 3QFY17; Award 1QFY18
Engineering and Installation Services Engineering and installation services for new capabilities	DISA DBC/ ID4	Small Business Set-Aside; RFP to be released 3QFY18; Award 1QFY19

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Acquisition Opportunities

Project Title & Description	Program Office	RFP / Projected Award
Software Defined Networking Develop and deploy SDN-based network architectures to increase network agility and security while reducing vendor specific requirements by implementing network function virtualization	DISA DBC ID4/ID2	Full and Open Competition; RFP to be released 3QFY17; Award 1QFY18

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Contact Information

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The IT Combat Support Agency