



# 4<sup>th</sup> Estate Network Optimization

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# 4<sup>th</sup> Estate Agencies



# 4th Estate Network Optimization

**Align 4th Estate Agencies' common use IT**

**Innovate to single service provider for NIPR/SIPR common use IT**

**Strengthen cyber security**

**OUR MISSION**

**Enable agencies to focus on core competencies**

## PRIMARY REFORM GOAL

**IT consolidation and cost savings to support the warfighter**



# Lines of Effort

## Common Use IT Consolidation

- Decrease network enclaves & duplicative environments
- Optimize & integrate IT management tools
- Contract management
  - Decrease similar contract efforts
  - Reduce costs for Department
- Transition globally dispersed and diverse service desks to a common Service Support Environment

## Strengthen Cyber Security

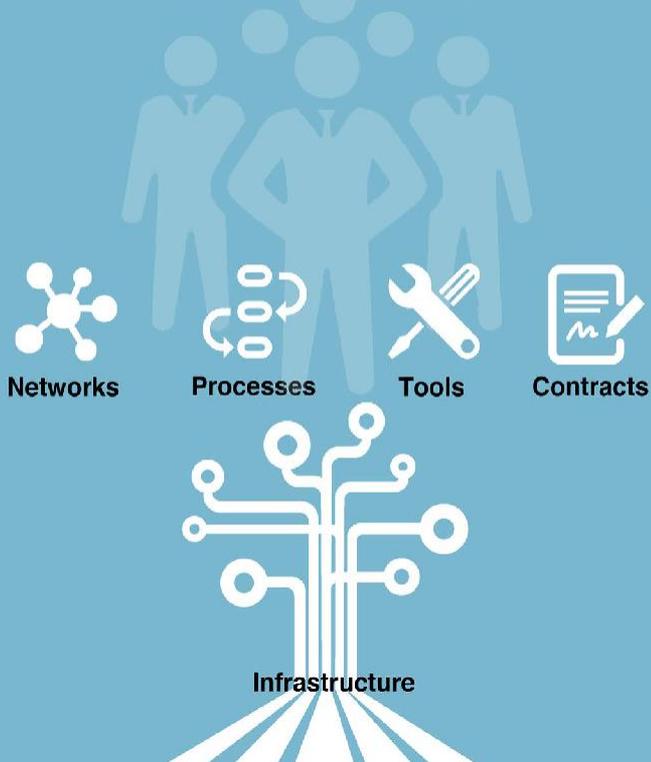
- Consolidation efforts reduce cyber-attack surface
- Stronger, more consistent cyber standards:
  - Addressing Gladiator Shield Findings
  - 6 Different HBSS Instantiations
  - Foreign/out-of-tolerance manufacturers & equipment
- Increased consistency with cyber defense & response

## Single Service Provider

- Reduce costs of duplicative common use IT environments
- DoDNet provides state of the art practice, state of the art network capabilities
- Enable 4E mission focus, remove non-core competencies

Tackling National Defense Strategy – Reform Information Technology

## Common Use IT



## Non-Severable/Mission IT



## Non-Severable Common Use IT

Agency retains common use if moving service will cause irreparable harm to agency mission



# DISA Defense Enclave Services (DES)

Serving as a single network with a Single Service Provider (DISA), to enable costs efficiencies, drive service excellence and mitigate risks



Highly functional & scalable network with state of the art architecture

Digital transformation solutions, ensuring network digital readiness

Full service, customer-centric commodity IT solutions



# DISA DES - General Approach

Hybrid approach – Mix of Government and Contractors to Manage DoDNet 2.0 and the Defense Enclave Services

Contractor led and designed “greenfield” build

- ❑ Government staff will continue to manage existing networks
  - Including DoDNet 1.0

DES Contract (DoDNet 2.0) has a 10 year period of performance

Single network and service delivery model is justification of new requirement to avoid bundling and consolidation

Market research to determine BPA, ID/IQ, or standalone contracting strategy

Full and open competition

FFP requirements for operations & sustainment activities (e.g. service desk, desktop support), cost-reimbursable support for new workloads and innovation



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# Included in Common Use IT

'Common Use IT' is the ubiquitous IT effort at 4<sup>th</sup> Estate Agencies / Activities spanning...

## Enterprise Services

*(as common use IT)*

- Collaboration
  - Web Conference & VTC
  - IM, Chat & Presence
  - Email / Cal / Contacts
  - KM Tools
- Storage
- Office Productivity
- Voice / (C)VoIP / ACD
- Back-Office Systems
  - Financial systems
  - Personnel systems
  - Task Management
  - Other Workflow Enablement
- Mobility
- Identity Mgmt/Directory Services/PKI

## Asset Management

*(for common use IT)*

- SCRM compliance
- Application catalog (Software center)
- Provisioning:
  - Mobile Devices
  - Laptops/Workstation
  - VOIP Phones
  - Peripherals
  - Thin/Zero Clients
  - Printers
  - Software
  - Licenses
  - Network Devices

## Network Services

*(for common use IT)*

- Secure Content Delivery
- Access Layer L2/L3
- DMZ
- DNS/DHCP
- Cross Domain Solutions
- Network Monitoring / Reporting / QoS
- Circuits
- Cabling/Termination
- IAP / CAP
- Security Stack
- VPN
- VDI
- Wireless services (WiFi)

## Operations

*(for common use IT)*

- NetOps
- Backup & Storage
- Change/Config Mgmt
- Database Mgmt
- NOC/SOC
- Request Fulfillment
- Service Desk
  - Tier 0-Self-service
  - Tier 1-Remote spt
  - Tier 2-Desktop spt
  - Tier 3-Advanced spt
  - VIP Support spt
  - Event, incident, problem Mgmt
- Release & Deployment
- Data Sharing

## Cybersecurity *(for common use IT)*

- Assessment & Authorization
- Patch Management
- Endpoint Security
  - Comply-to-Connect (C2C)
- Scanning
- Cyber Security Service Provider (CSSP)

... on NIPR, SIPR, and other unclassified domains as required