Forecast to Industry 2016

Networking Technologies

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Infrastructure Executive
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Mission
Implement and sustain the global transport, voice, video and data network infrastructure and provide Information superiority to the President, Combatant Commanders, Senior Leadership, Services, Agencies and Warfighters

Vision
World class DoD Information Network (DoDIN) capabilities for our mission partners
A Combat Support Agency
Enterprise Infrastructure

Consolidating Computing Environments...Including Cloud • Exploiting Server Optimization • Working Capital Resourced
Self Provisioned Data Processing & Storage • Transitioning to Everything Over IP

Global Fiber & SATCOM
2,500 User Applications
11 Computing Centers
16 STEP/Teleports
65 Petabytes DECC Storage
17,000 Circuits
10 Sites / 12 Circuits
8 Mobility Gateways
Coalition Services

Commercial Equivalent: $11B IT Profit & Loss in 18 States & 8 Countries with 7600 Civilians & Military & 8000 Sub Contractors
Network Portfolio
Programs, Services, Support, and Technologies

**Terrestrial Transport**
- DISN Optical Transport Network (OTN)
- DISA-managed Optical Fiber with IRU leases
- DISN Secret & Unclassified Common Data Services (SIPRNet and NIPRNet)
- VPN Services (Private IP, Label Transport, and Private LAN)

**Gateway**
- DoD Enterprise Travel Kit (DECTK)
- Organizational Messaging Service (OMS) consisting of National /Allied Gateways
- DODIN Blurring

**Special Services**
- Requirements analysis, impact assessments, telecom services and support
- Enterprise DNS Management
- Secret Service Communication and Special Events support

**Multi-National Information Sharing**
- Sustainment and support of coalition networks and capabilities

**Senior National Leadership Comm**
- Communications for US Defense / National Leadership, allies, and other foreign nations
SATCOM Portfolio
Programs, Services, Support, and Technologies

Gateway & Teleport Programs
- Leading evolution and integration of Enterprise Gateway services
- SATCOM Path diversity & resiliency
- Suite of products & services

Digital IF
- Improved SATCOM resiliency & path diversity
- Increased MIL/COM Interoperability

AISR/UVDS
- Global AISR transport from UAV to DoDIN
- Centralized location for real time access to ISR FMV
- Web portal services
- Robust, Redundant & Scalable

EMSS
- Global Reach Communications
- Phone/Messaging
- Short-Burst-Data (SBD)
- One-way Global Data Broadcast & Paging
- Distributed Tactical Communications System (DTCS)

PATHFINDERS
- Examining innovative approaches to Enterprise-wide COMSATCOM acquisition and management

COMSATCOM Services
- COMSATCOM procurement & leasing
- Enterprise-wide strategic planning & analysis
- Systems Engineering
DISN Network Architecture Layers

- **Data Center**: Unified Capabilities
- **Converged IP/MPLS Network**: SBU IP Data, Secret IF Data, Private IP, Private LAN, Label Transport
- **Dedicated Transport Network**: SCNIS, SDH, PDH, Ethernet
- **Optical Transport System**: Line Amplifier, Add Drop Mux, DWDM
- **Fiber – Satellite – Cellular**: Mobility, Space, Tactical, Aerial, Strategic, Fiber IRU, Leased BW, Satellite GW
- **Service and Technology Management**: Enterprise Operations and Network Management, Cyber Security – Sensing, Perimeter Protection, GW – JRSS

**UNCLASSIFIED**
Goal 1: Execute Joint Enterprise Capability Initiatives
Objective: Implement JRSS and modernize the DISN Transport

Goal 2: Improve Partnerships with Mission Partners and Industry
Objective: Enable information sharing with key partners by providing the Mission Partner Environment – Information System

Goal 3: Ensure Successful Mission Execution in the Face of the Cyber Threat
Objective: Establish a resilient cyber defense and enhance cyber situational awareness by assuring survivability against sophisticated cyber attacks to ensure our mission is conducted in a secure communications environment

Goal 4: Provide a DoD Cloud Computing Environment
Objective: Provide a secure hybrid cloud environment
Goal 5: Optimize the Department’s Data Center Infrastructure

Objective: Consolidate DoD Data Centers and Local Computing Infrastructure

Goal 6: Exploit the Power of Trusted Information Sharing

Objective: Deploy a dynamic authentication infrastructure, improve information sharing and integrate commercial mobile IT

Goal 7: Provide a Resilient Communications and Network Infrastructure

Objective: Improve strategic and tactical communications networks; modernize command, control and communications systems; optimize strategic gateways; and establish end-to-end satellite communications

Goal 8: Improve Oversight and Execution of DoD IT Investments

Objective: Strengthen DoD IT Financial Management Decision Making
## Acquisition Opportunities

<table>
<thead>
<tr>
<th>Project Title &amp; Description</th>
<th>Program Office</th>
<th>Anticipated Acquisition Strategy RFP Release / Projected Award</th>
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<tbody>
<tr>
<td><strong>GNS PAC Transport Services</strong>&lt;br&gt;This task order will replace DTSP-II to provide transport and circuit transition services to DISA PAC customers</td>
<td>OPC IE1</td>
<td>Acquisition Strategy: Fair Opportunity GNS Vendors only&lt;br&gt;RFP: 1Q FY17&lt;br&gt;Projected Award: 3Q FY17</td>
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<td><strong>IT Management Services</strong>&lt;br&gt;Recompete of Transport Division Program Management Support</td>
<td>OPC IE1</td>
<td>Acquisition Strategy: GSA Alliant SB (P&amp;S)&lt;br&gt;RFP: 1QFY17&lt;br&gt;Projected Award: 3QFY17</td>
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<tr>
<td><strong>Teleport System Engineering and Program Management Support (SEPM)</strong></td>
<td>OPC IET</td>
<td>Acquisition Strategy: Single award; Full and Open Competition</td>
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<td>Provide support in the areas of System Engineering, Test &amp; Evaluation and other Technical support to the C, X, Ku, and Ka-band satellite capabilities and systems capabilities which provides communications and IP connectivity for deployed tactical communications systems.</td>
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<td>RFP: 1Q FY17 Projected Award: 3Q FY17</td>
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<tr>
<td><strong>GCDSII - Global Content Delivery Services</strong></td>
<td>OPC IE7</td>
<td>Acquisition Strategy: Full &amp; Open RFP: 4Q FY18 Projected Award: 4Q FY19</td>
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<td>Content delivery services at the extreme edge of the DoD managed wide area networks (WANs), both classified and unclassified networks.</td>
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| **GSM Operations (GSM-O) Recompete**   
Operations, Sustainment and Maintenance activities of the DISN/DoDIN | OPC IE         | Acquisition Strategy:  Single Award IDIQ                        |
|                                                                                           |                | RFP: 4QFY18                                                      |
|                                                                                           |                | Projected Award: 3QFY19                                          |
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<td>DISN Tech Refresh</td>
<td>OPC IE</td>
<td>Acquisition Strategy: Various RFP: 1Q - 4Q FY17 Projected Award: 1Q – 4Q FY17</td>
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<td>Provides enhanced network infrastructure capabilities, services, and support</td>
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<tr>
<td>Circuit and Transport Services</td>
<td>OPC/IE</td>
<td>Acquisition Strategy: GNS and Bulletin Boards primarily</td>
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<td>Bandwidth and network capabilities and services</td>
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• Complex battle spaces influenced by advanced technology and change (i.e., Virtual Networking, Cloud)

• Operate and Defend the DOD Enterprise (DoDIN Operations, Defensive Cyber Operations & Internal Defensive Measures)

• Survivable Infrastructure and Services, more redundant

• Roll out capabilities and services faster
  – On demand and capacity services
  – Commercial capability to eliminate/optimize legacy equip

• Improve integration, security and interoperability

Budget pressures are not going away
Who We Serve

Military Services
- Army
- Navy
- Air Force
- USMC

Executive Branch
- Office of the President
- White House Communications Agency
- National Security Council (e.g., Situation Room)

Federal Government
- Office of Personnel Management

Combatant Commands
- Southern Command
- Africa Command
- Pacific Command
- European Command
- Northern Command
- Transportation Command
- Strategic Command
- Central Command
- Special Operations Command

Defense Intelligence Agency
Defense Health Agency
Defense Finance and Accounting Service
Defense Logistics Agency

plus 14 other DOD Agencies & 9 Field Activities
Contact Information

Information
www.disa.mil

Contracting Opportunities
www.fbo.gov

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