Defense Information Systems Agency
Department of Defense

DISN Forecast to Industry

Ms. Cindy E. Moran
Director for Network Services
8 August 2008

Report Documentation Page

Form Approved
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
08 AUG 2008	**N/A**	**-**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
DISN (Defense Information system Network) Forecast to Industry	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **Defense Information Systems Agency (DISA)**	8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release, distribution unlimited

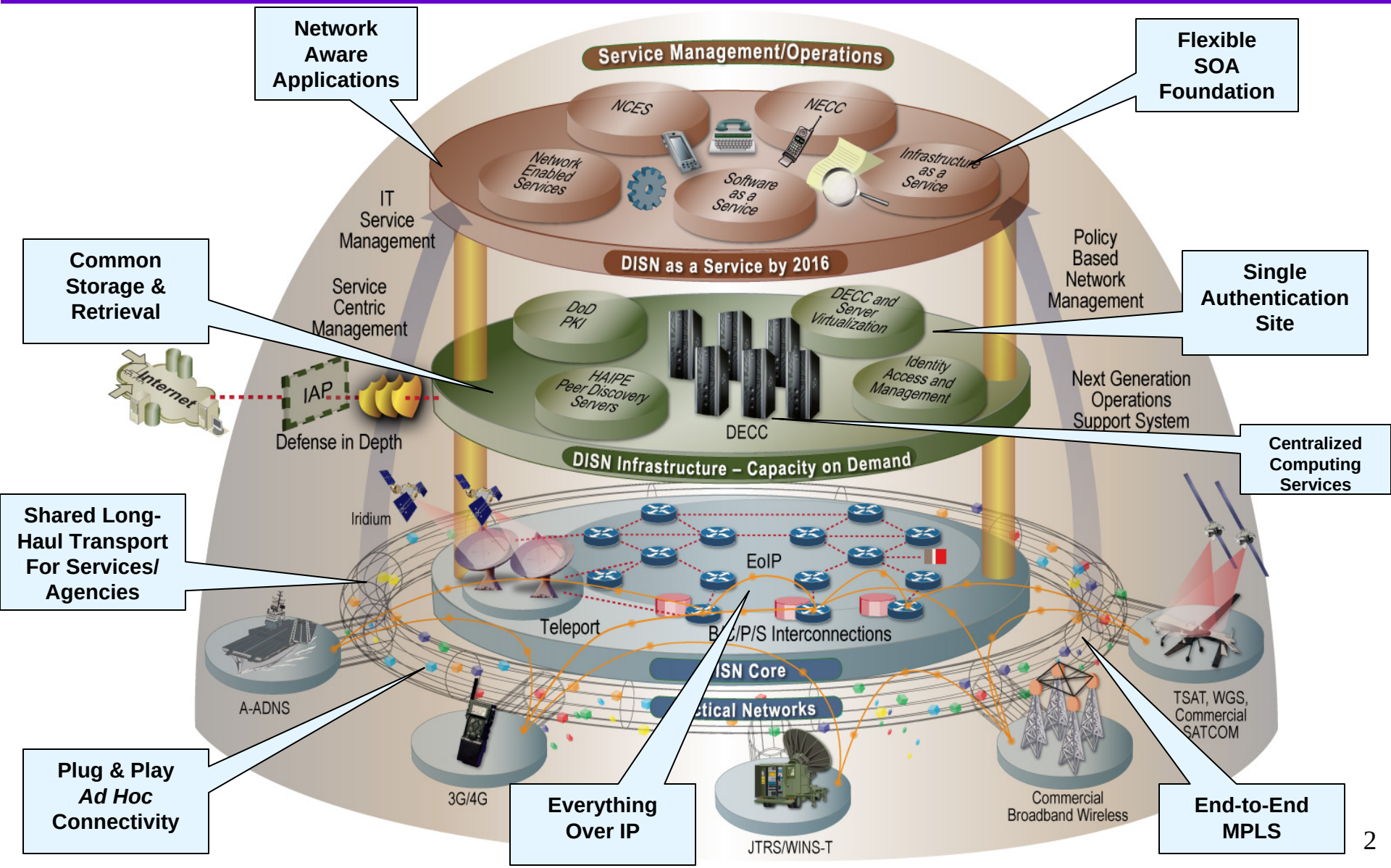
13. SUPPLEMENTARY NOTES
Briefings presented at the DISA Forecast to Industry 2008 on August 8, 2008 at the FDIC Training Center in Arlington, VA, The original document contains color images.

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			
unclassified	**unclassified**	**unclassified**	**UU**	**11**	

Integrated DISN Services by 2016: A Solid Goal



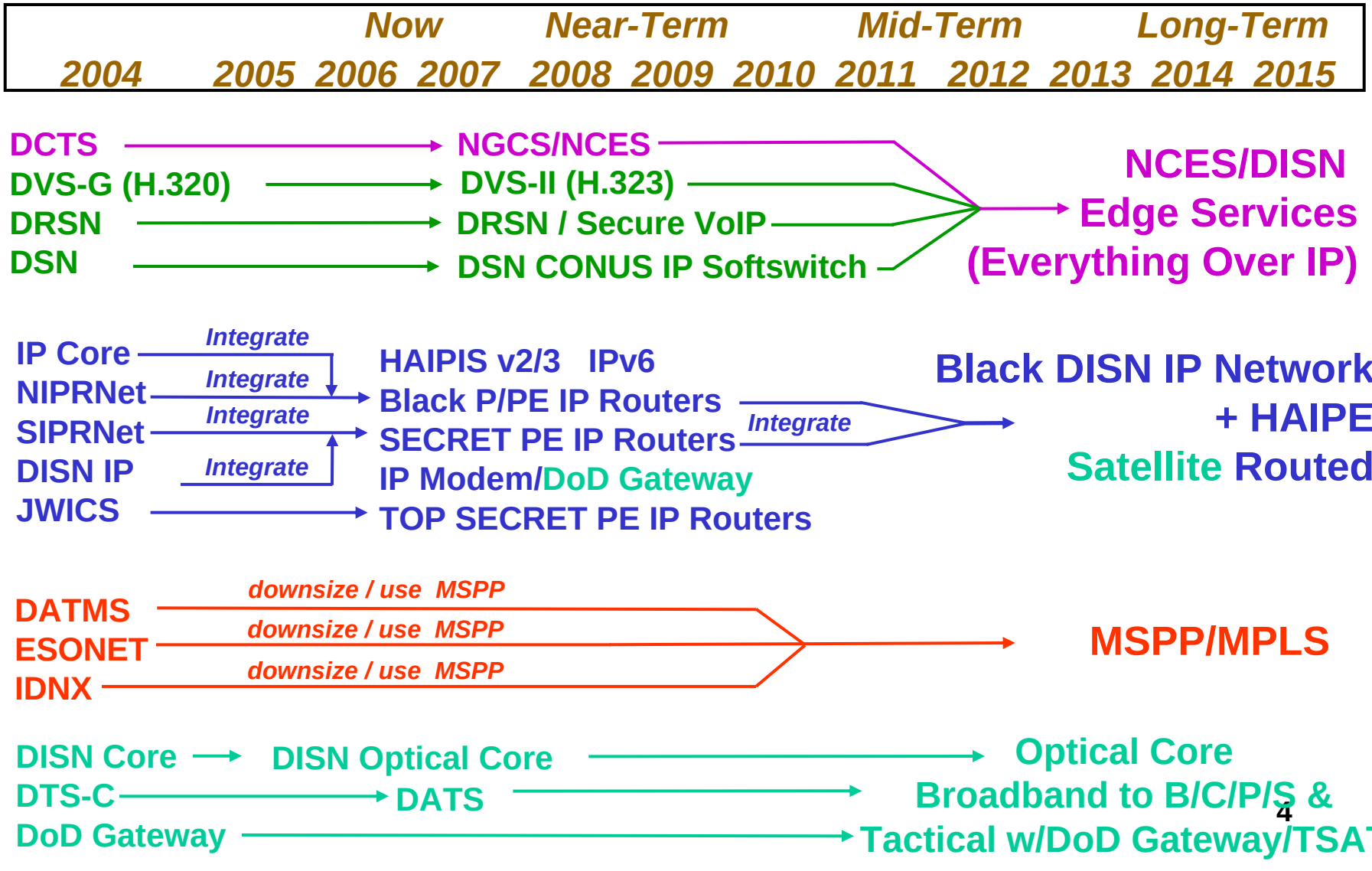
Elements of the DISN

Centralized Services (Customer Serv/OSS) / DISN Business Services

	TRANSPORT	(Common User)	DISN ATM Service (DATMS) IDNX / Promina Network Enhanced SONET (ESONET)
	Exploiting Economies Of Scale	Muxed Svcs	
		Physical Layer	DISN CONUS (DISN-C/DATS) DISN Core (SONET/Optical) JHITS Hawaii (JHITS Transport) (Non DSS) Digital European Backbone (DEB) Puerto Rico Area Wideband System (PRAWS)
Functional Networks	VOICE	(Unclassified) (Unclassified) (Classified (S-TS) (Classified (SCI)	Defense Switched Network (DSN) JHITS Hawaii local service (JHITS Switch)(Non DSS) Defense Red Switch Network (DRSN) Joint Worldwide Intelligence Communications System (JWICS) *Circuit Switched*
Functional Networks	VIDEO	(Common User (U-TS) (Classified (SCI)	DISN Video Services - Global (DVS-G) Joint Worldwide Intelligence Communications System (JWICS) *Circuit Switched*
Functional Networks	DATA	(Unclassified) (Classified (S) (Classified (SCI)	Unclassified but sensitive IP Router Network (NIPRNET) Secret IP Router Network (SIPRNET) Joint Worldwide Intelligence Communications System (JWICS) *IP Based*
Apps	MESSAGING	(Unclassified) (Classified (S-TS)	Defense Messaging System (DMS) Defense Messaging System (DMS)
	SATELLITE	(Unclassified)	Enhanced Mobile Satellite Services (EMSS) (Non DSS)

DISA Converged End States

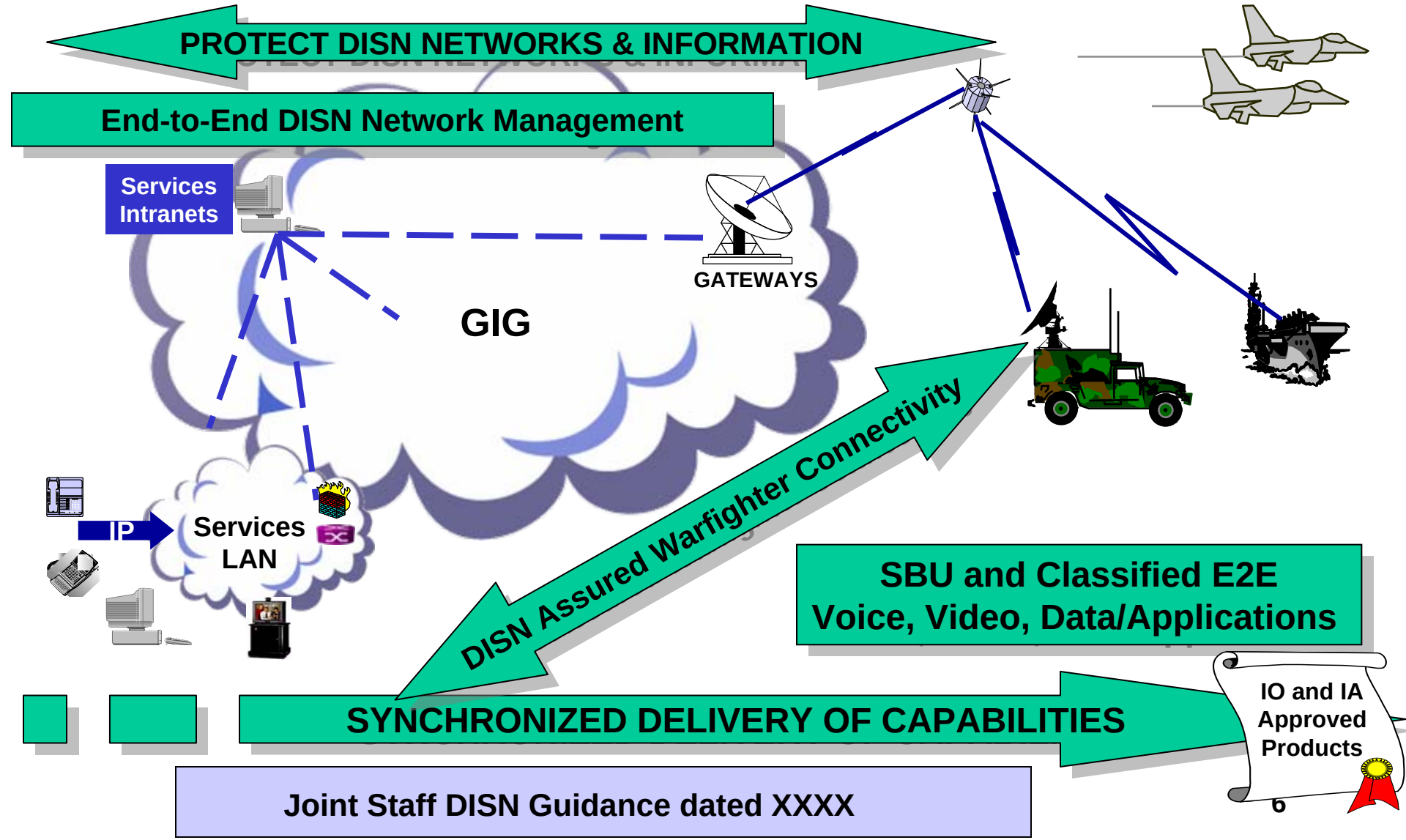
DISN Convergence Roadmap



Bottom Line Up Front

- **Providing a DISN technical strategy to accelerate the realization of the ubiquitous Global Information Grid that enables the warfighter with bandwidth and information on demand**
  - **Newer technologies will provide additional/expanded capabilities while reducing life cycle costs**
  - **Legacy equipment retired resulting in savings to the sustainment and share cost of the DISN**

Focus on Achieving DISN Overarching Capabilities by 2016



DISN FY2016

Protect DISN Networks and Information
- IA Sensors Net Operational
- HAIPES 4.0 deploying

- Enable IP Convergence - **Converged**
- Provide Quality of Service/VPN Services - **Complete**
- Provide Assured Real Time Services - **Complete**
- Provide Common Operational Support System for DISN - **Complete**
- Provide Improved Rapid Agile Provisioning Services - **Complete**
- DISN Service Delivery Node for Tactical Reachback - **Deployed**
- Synchronization with Commercial ISP Technology and Services
  - 10/40/100G Transport Available
  - Carrier Ethernet Deployed
- Seamless Networking of JNO Programs
- Provide E2E Policy Based Enterprise Management - Deployed

DISN Transition Timeline

Jan 07	Jul 07	Jan 08	Jul 08	Jan 09	Jul 09
ATM Backbone	ATM CORE Transition			DATMS Phase III	
Colorado & St Louis MAN					
DISN-LES Transition Phase I		DISN-LES Phase II			
NIPR Optimization					
NIPR COIN					
FAA					
DISN Video Transition					
ESONET Optimization					
SIPR Optimization					
Infrastructure Buildout					
DTS-C to DATS Transitions					

On the Horizon for DISN

Contract/Task/Area of Support	Anticipated Start Date
FY08	
DISN Video Services II Operations and Maintenance will provide System Operations, Management and Future upgrade. Competed as small business set-aside.	In source selection
DISN Transmission Services – Pacific (DTS-P) Recompete will acquire bandwidth to support requirements for DISN from any Service Delivery Point (SDP) to any SDP in the expanded Pacific Region.	In source selection
FY09	
Global Services Management (GSM) – (DISN Global Solutions (DGS) Replacement contract) Provides the necessary programmatic, engineering services, material, equipment, and facilities to support the life cycle management for the Defense Networks, and its extensions, on a world-wide basis.	2QFY09

Summary

Simultaneously transitioning multiple services onto higher bandwidth cores

- **Leading the Department's efforts in moving toward net-centric operations and warfare**
- **Terminating expiring contracts with a combination of government-owned core with contractor-operated SONET and video services that takes advantage of both government and contractor capabilities**
- **Adapting to the changing budgetary and operational environments**
- **Keeping pace with change**

Converging Voice, Video and Data…Posturing for Everything over IP

www.disa.mil