

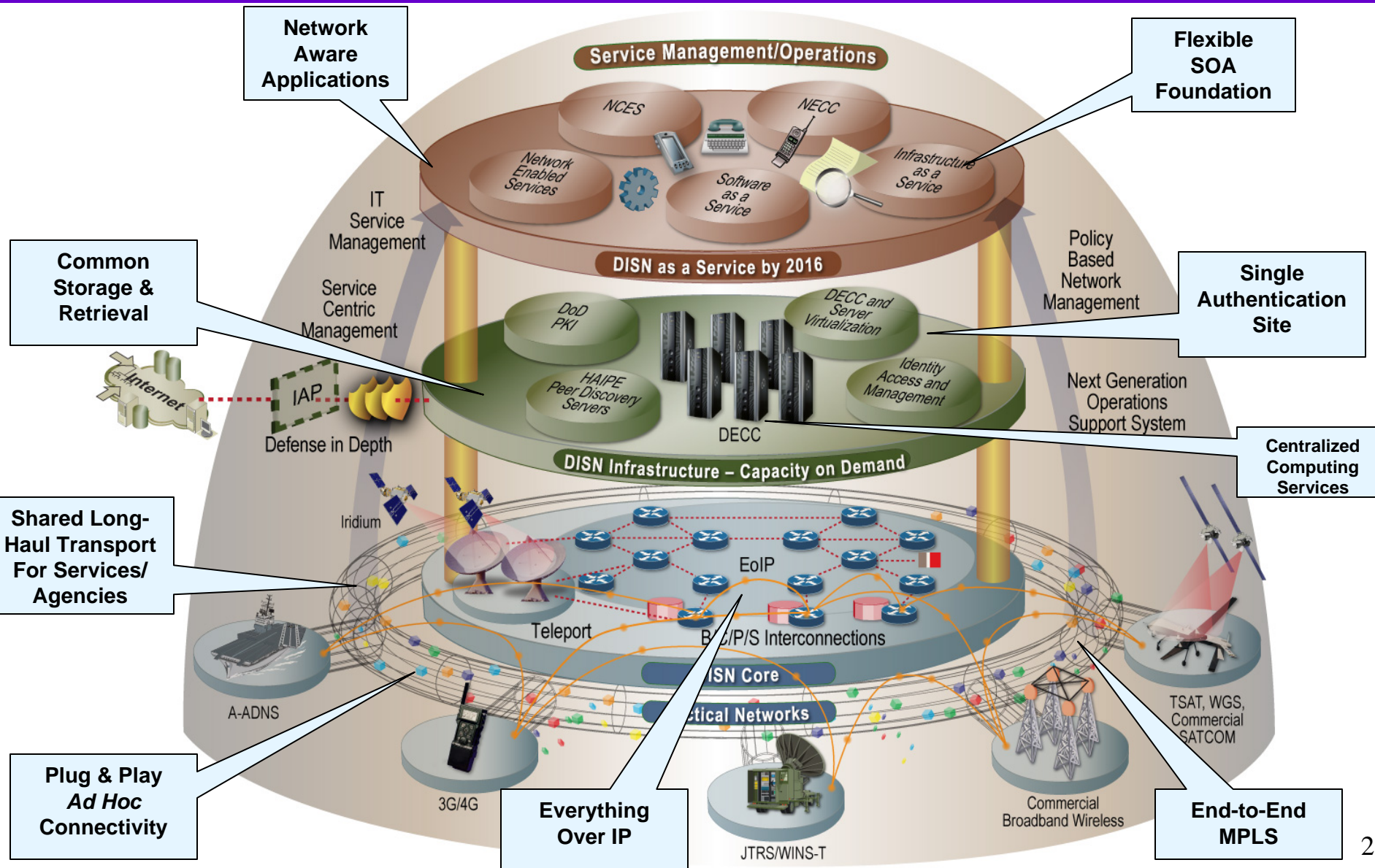


Defense Information Systems Agency
Department of Defense

DISN Forecast to Industry

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

DISA Integrated DISN Services by 2016: A Solid Goal





Elements of the DISN

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

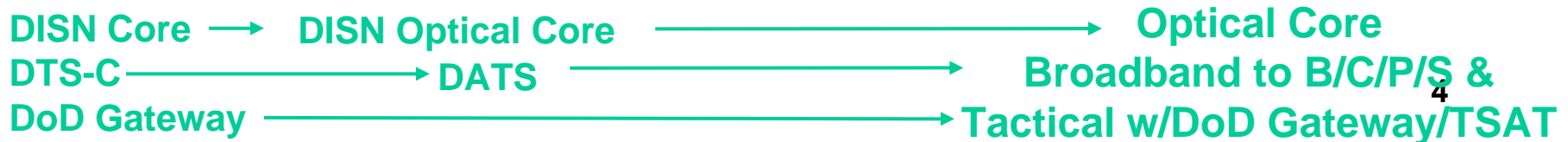
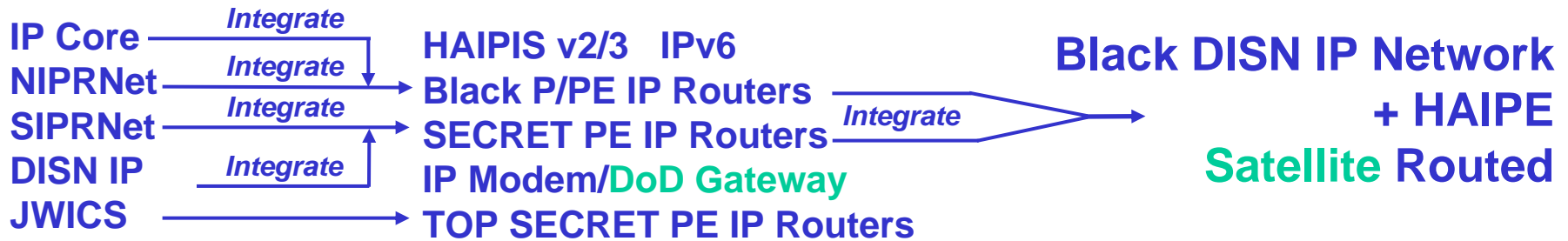
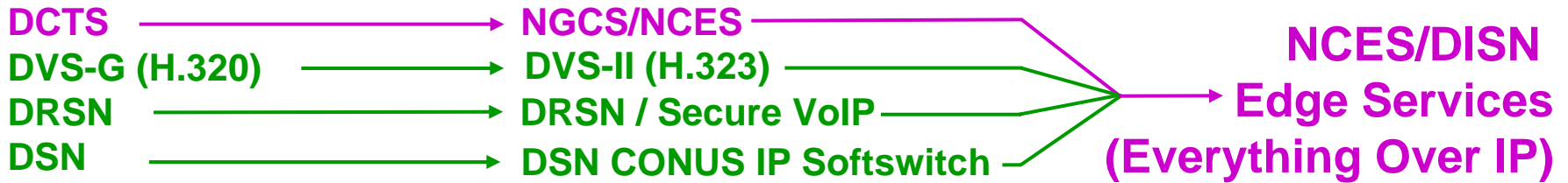
Exploiting Economies Of Scale	TRANSPORT (Common User)	DISN ATM Service (DATMS) IDNX / Promina Network Enhanced SONET (ESONET)
	Muxed Svcs	
Functional Networks	Physical Layer	DISN CONUS (DISN-C/DATS) DISN Core (SONET/Optical) JHITS Hawaii (JHITS Transport) (Non DSS) Digital European Backbone (DEB) Puerto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



DISA Converged End States

DISN Convergence Roadmap

	<i>Now</i>		<i>Near-Term</i>		<i>Mid-Term</i>		<i>Long-Term</i>					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015





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

PROTECT DISN NETWORKS & INFORMATION

End-to-End DISN Network Management

Services Intranets



GATEWAYS

GIG

Services LAN



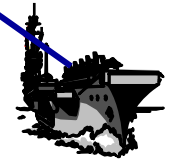
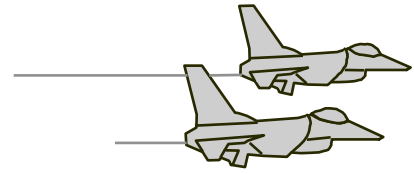
DISN Assured Warfighter Connectivity

SBU and Classified E2E Voice, Video, Data/Applications

SYNCHRONIZED DELIVERY OF CAPABILITIES

IO and IA Approved Products

Joint Staff DISN Guidance dated XXXX





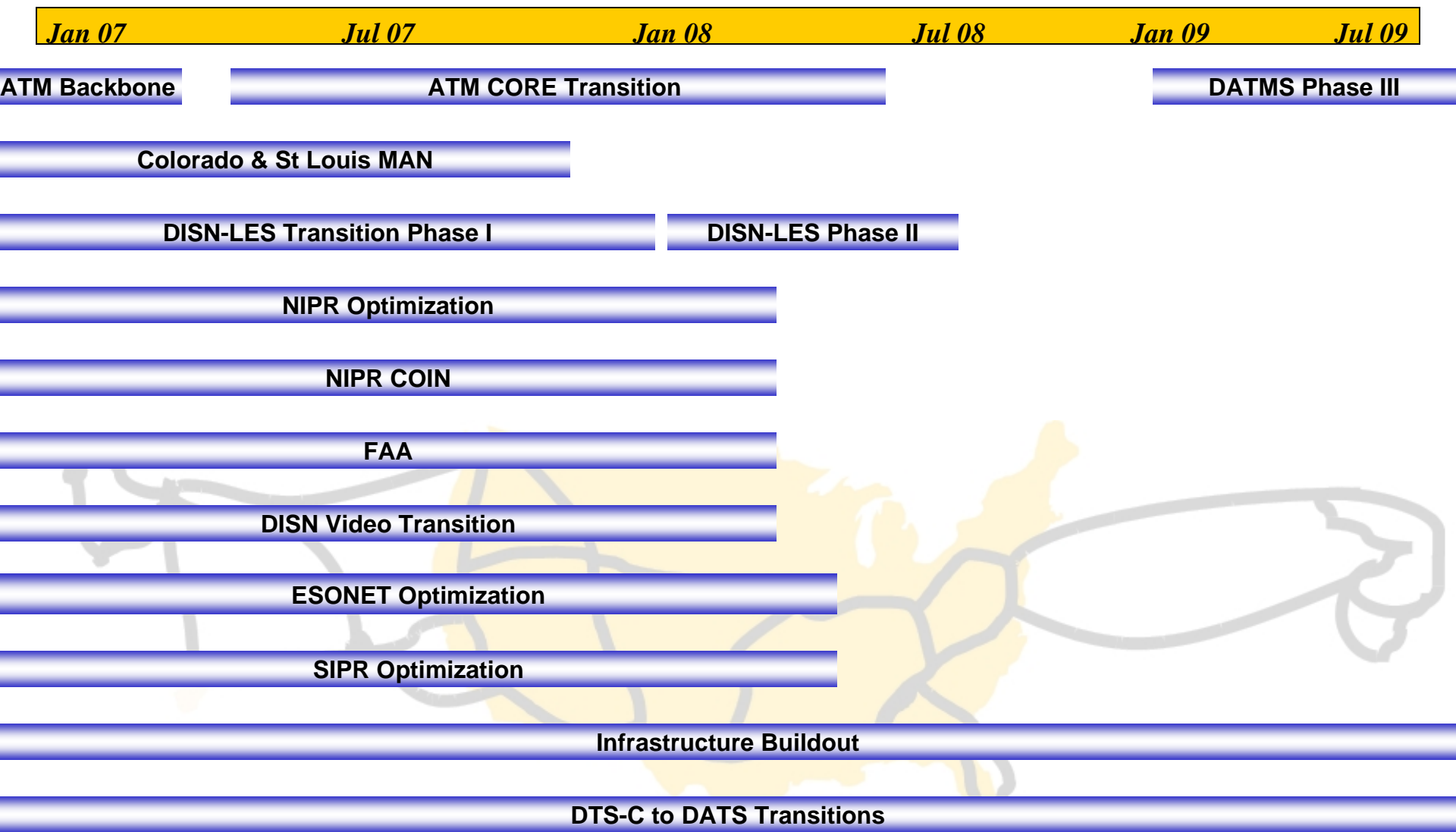
DISN FY2016

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





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) Re compete 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
