



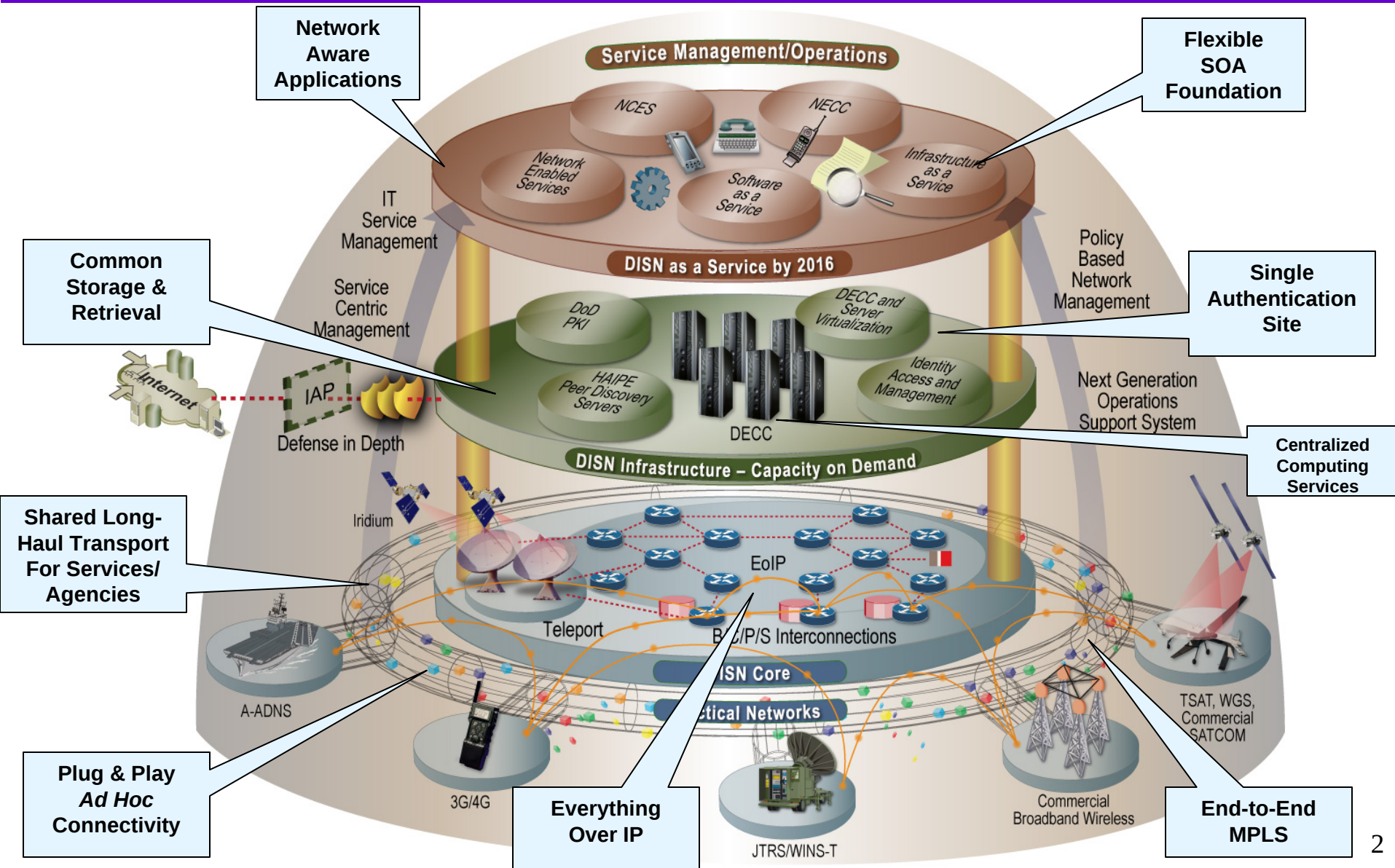
Defense Information Systems Agency
Department of Defense

DISN Forecast to Industry

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8 August 2008

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DISA Integrated DISN Services by 2016: A Solid Goal





Elements of the DISN

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

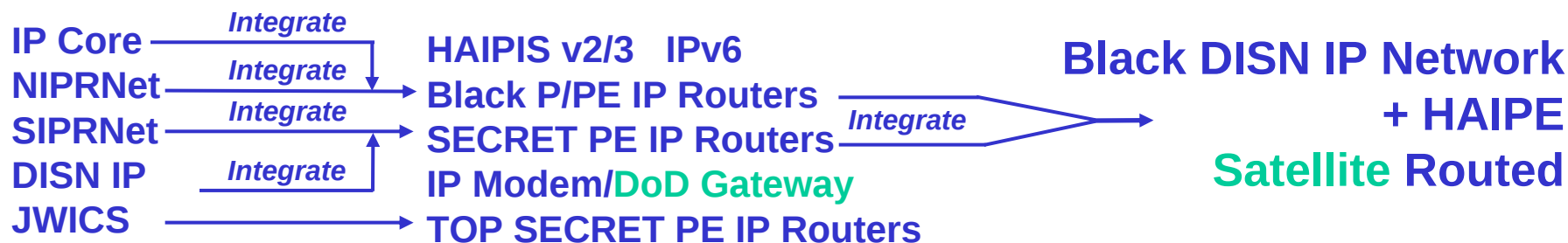
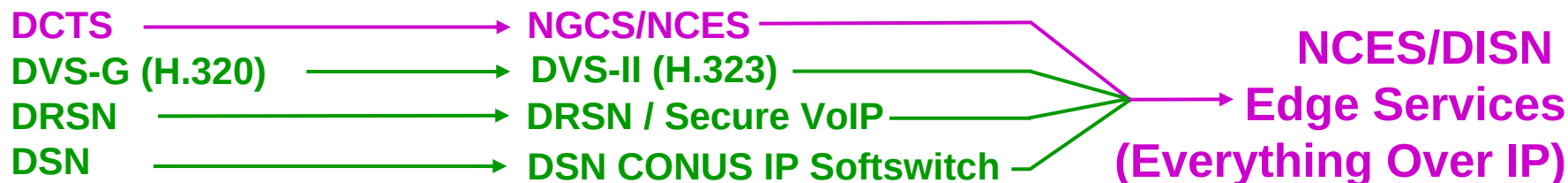
Functional Networks	TRANSPORT	(Common User)	DISN ATM Service (DATMS) IDNX / Promina Network Enhanced SONET (ESONET)
		Muxed Svcs	
	Exploiting Economies Of Scale		DISN CONUS (DISN-C/DATS) DISN Core (SONET/Optical) JHITS Hawaii (JHITS Transport) (Non DSS) Digital European Backbone (DEB) Puerto Rico Area Wideband System (PRAWS)
	Physical Layer		
	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>
Apps	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)
	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>			
<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>





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



IP



DISN Assured Warfighter Connectivity

SBU and Classified E2E
Voice, Video, Data/Applications

SYNCHRONIZED DELIVERY OF CAPABILITIES

Joint Staff DISN Guidance dated XXXX

IO and IA
Approved
Products





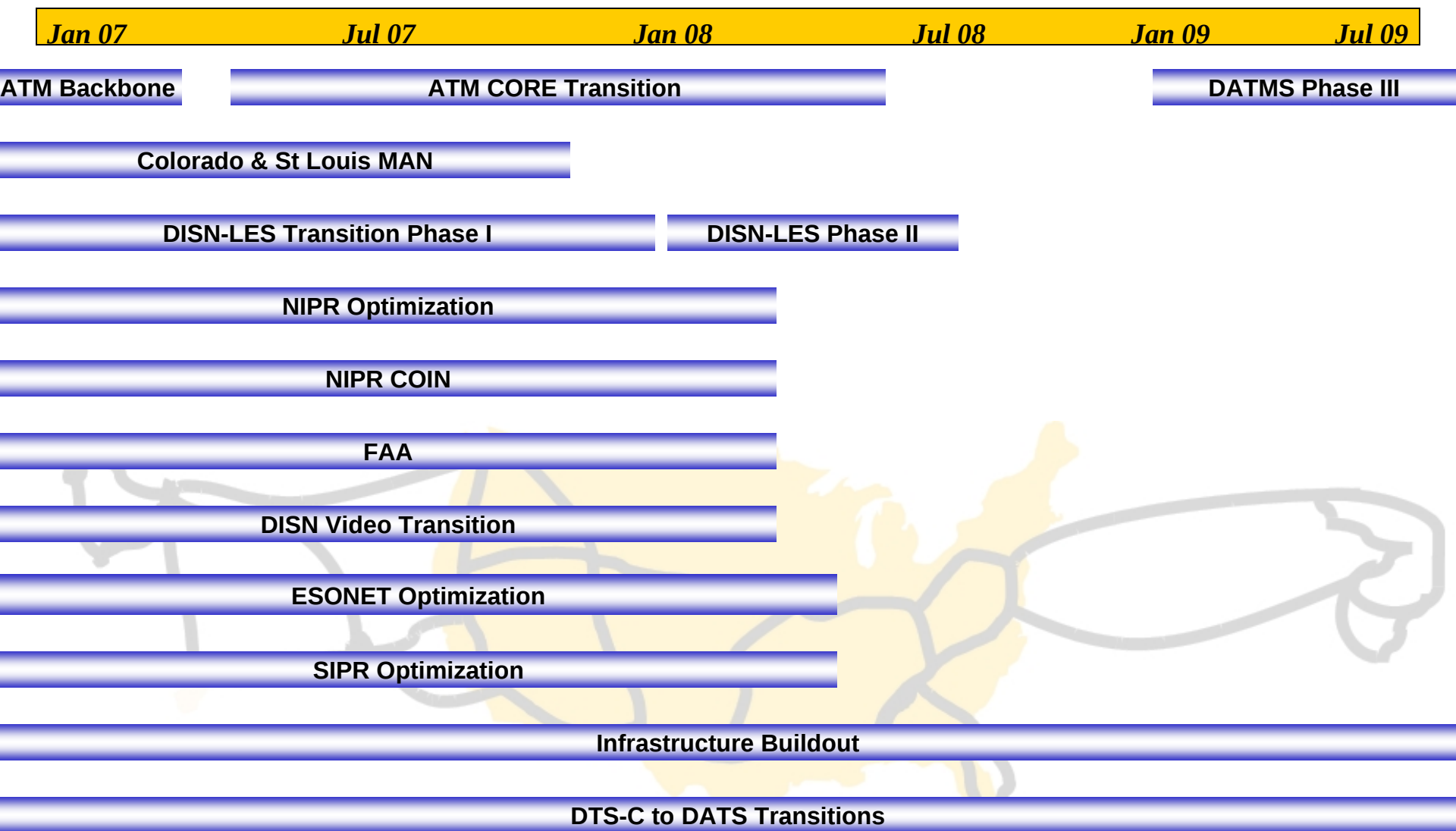
DISN FY2016

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) 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
