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Mission Partner Assured Information Sharing (IS)

"Where You Stand Defines Your Security Requirements"

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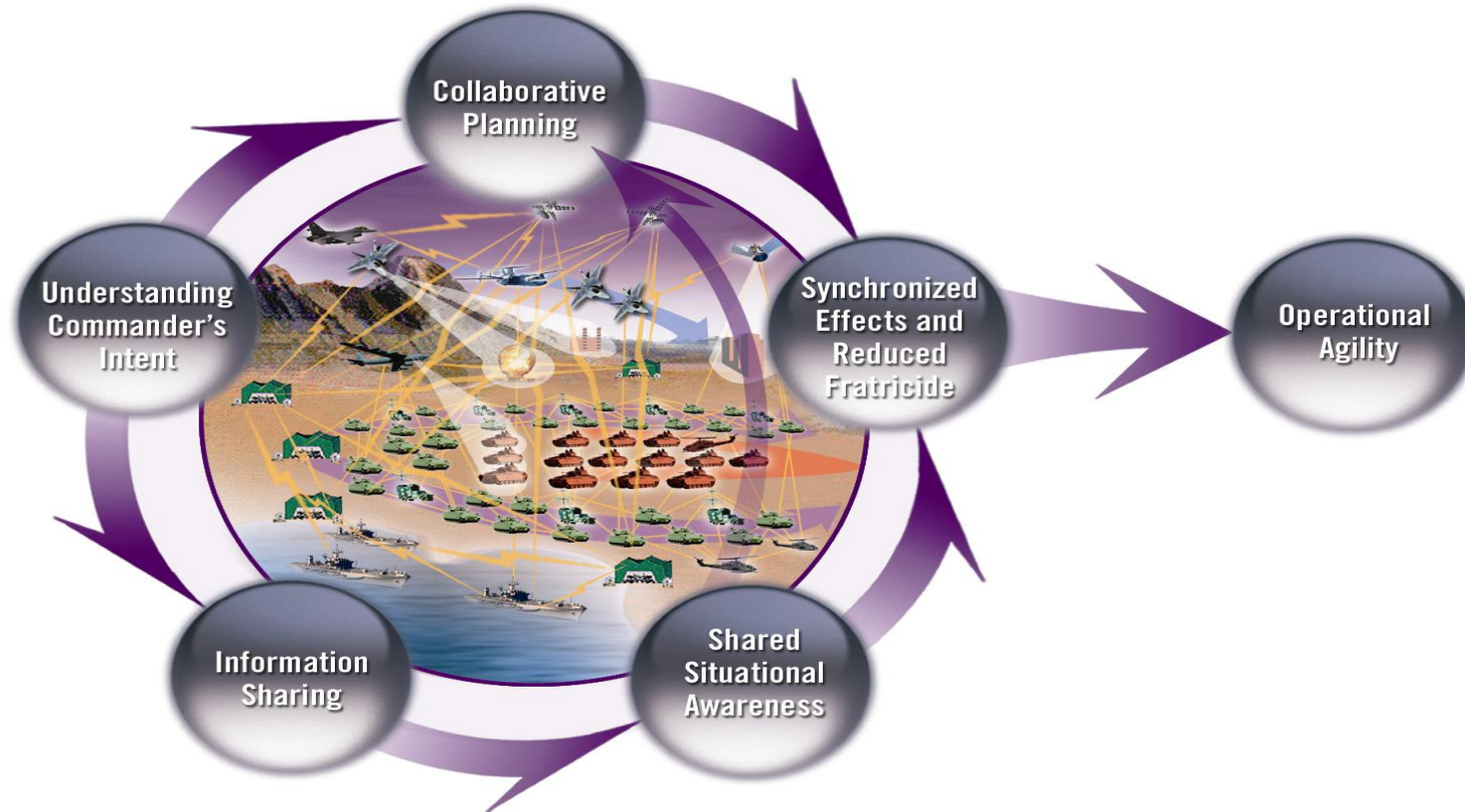
12 March 2008



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Vision

An integrated global network that enables us to share the right information at the right time so warfighters can act before the enemy acts

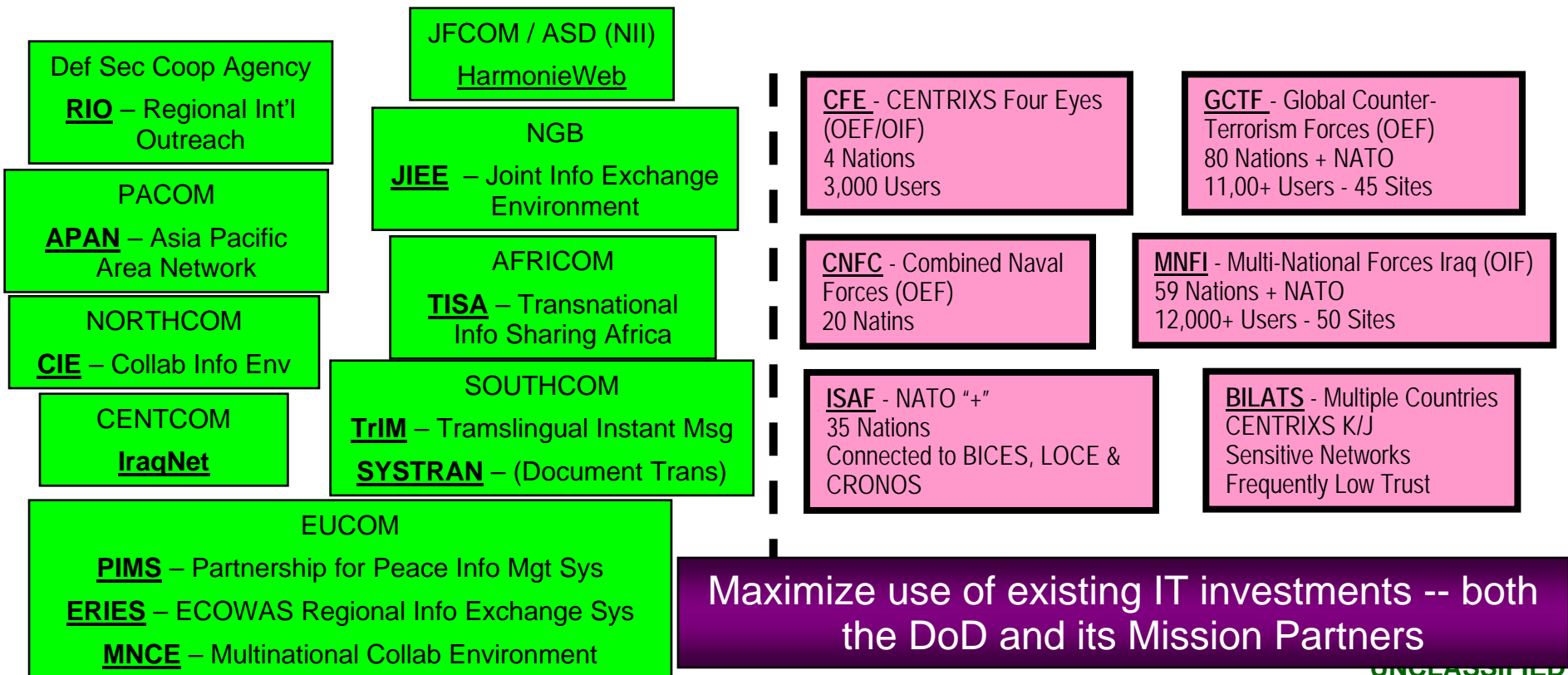
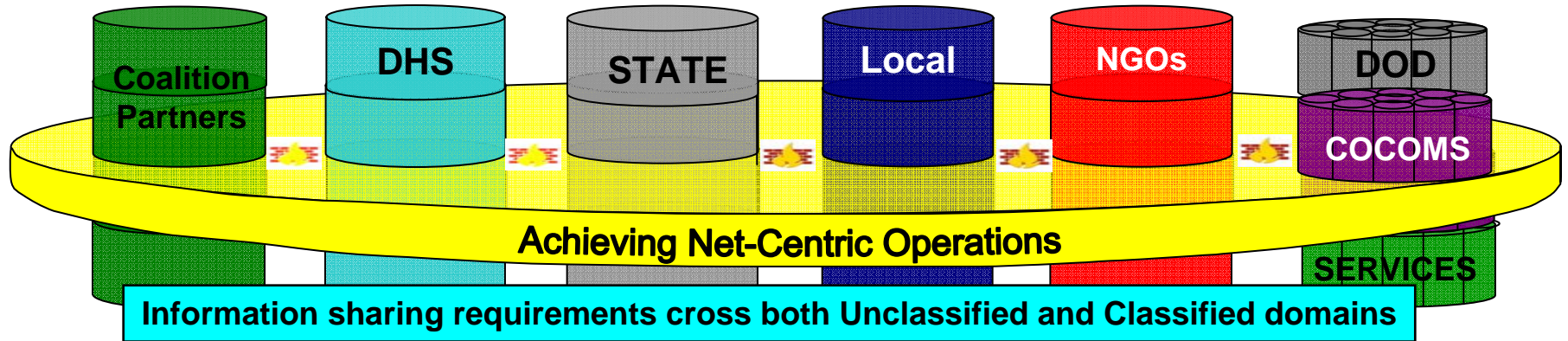


Technology-Policy-PROCESS: Pursuit of "home-run" technologies and attempts to focus on changes to policy, before assessing how we can/should change business processes have derailed iterative capability improvement to mission planning and execution with our Mission Partners



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Mission Partner IS Challenge

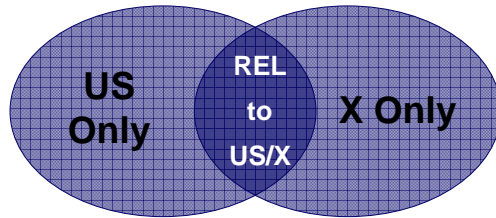


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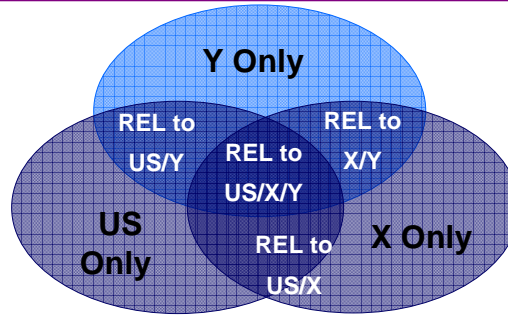


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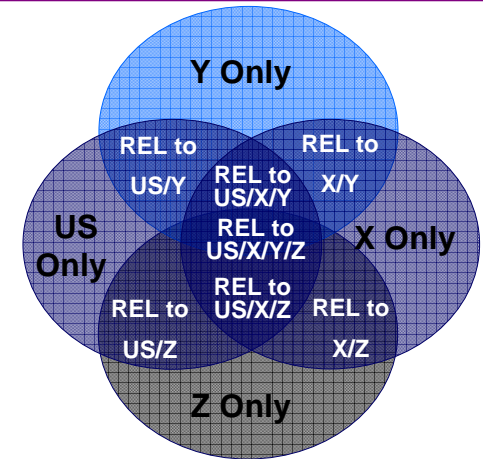
Today's Info Sharing Complexity



2 Partners = 3 COIs

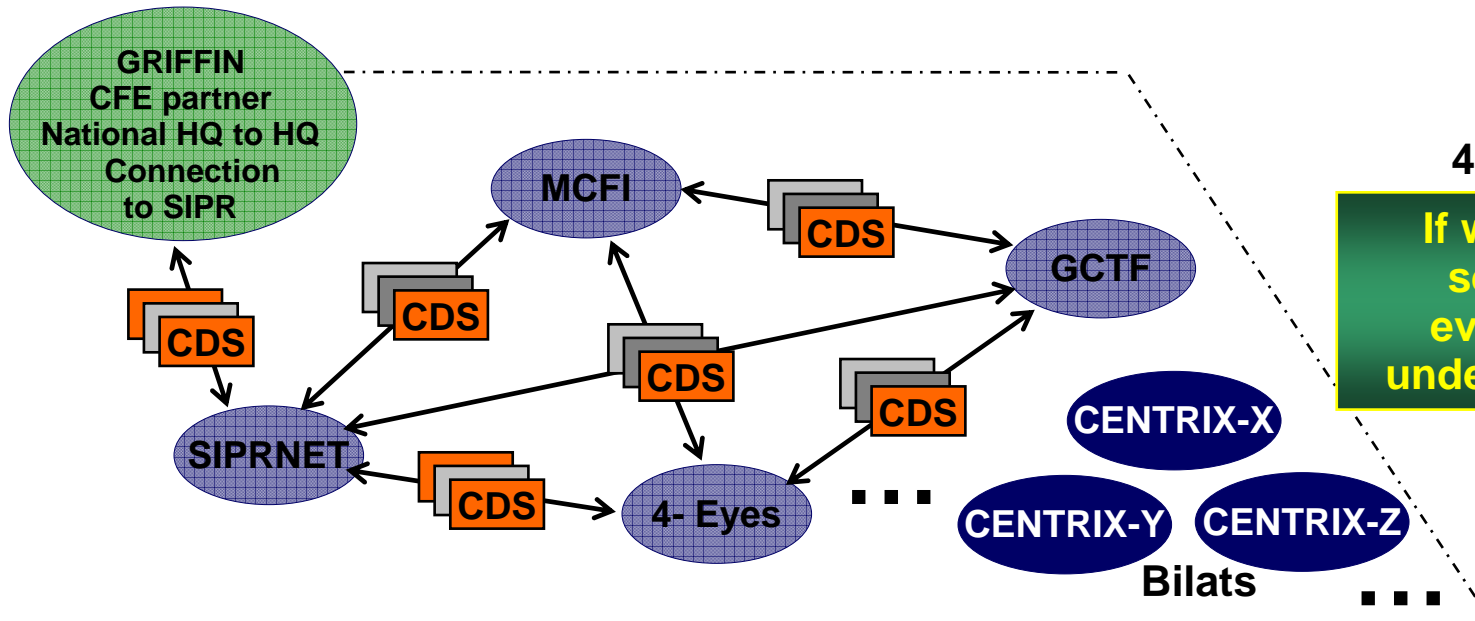


3 Partners = 7 COIs



Potentially
4 Partners = 15 COIs

**If we do nothing —
separate nets will
eventually collapse
under their own weight!**



Must implement an architecture that provides the ease of sharing required, but still provides the appropriate security separation and is sufficiently trusted by our closest Allies to ensure they continue to share their best information--otherwise efforts wasted!

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Policy, Technology & PROCESS

- **Where you stand defines your security environment**
 - SIPRNet and Coalition Nets: US (and only closest allies) perform mission planning on SIPRNET, but require robust CDS for execution with "other" mission partners -- High risk security model, costly to develop/test/certify, difficulty obtaining C&A for required IS capability, difficulty ensuring information shared timely/appropriately
 - US on Mission Partner Net: US, closest allies and select mission partners perform mission planning on Mission Partner Net, US and closest allies with reach back to their national nets, execution on Mission Partner Net with appropriate information shared with all mission partners -- Lower risk, less costly, easier to obtain C&A for required IS capability, and easier to share info
- **We have focused our efforts on developing costly "home run" technologies and then pursued policy changes when this didn't work--repeatedly beating head against wall...**
- **Now is the time to assess changes in business processes, before applying technology or changing policy--while providing operationally relevant improvements in IS for our warfighters!**

Must 1st change business processes to benefit from currently certifiable technologies--iterative improvements can lay the foundational architecture for the Net-Centric Vision



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Releasability Processes

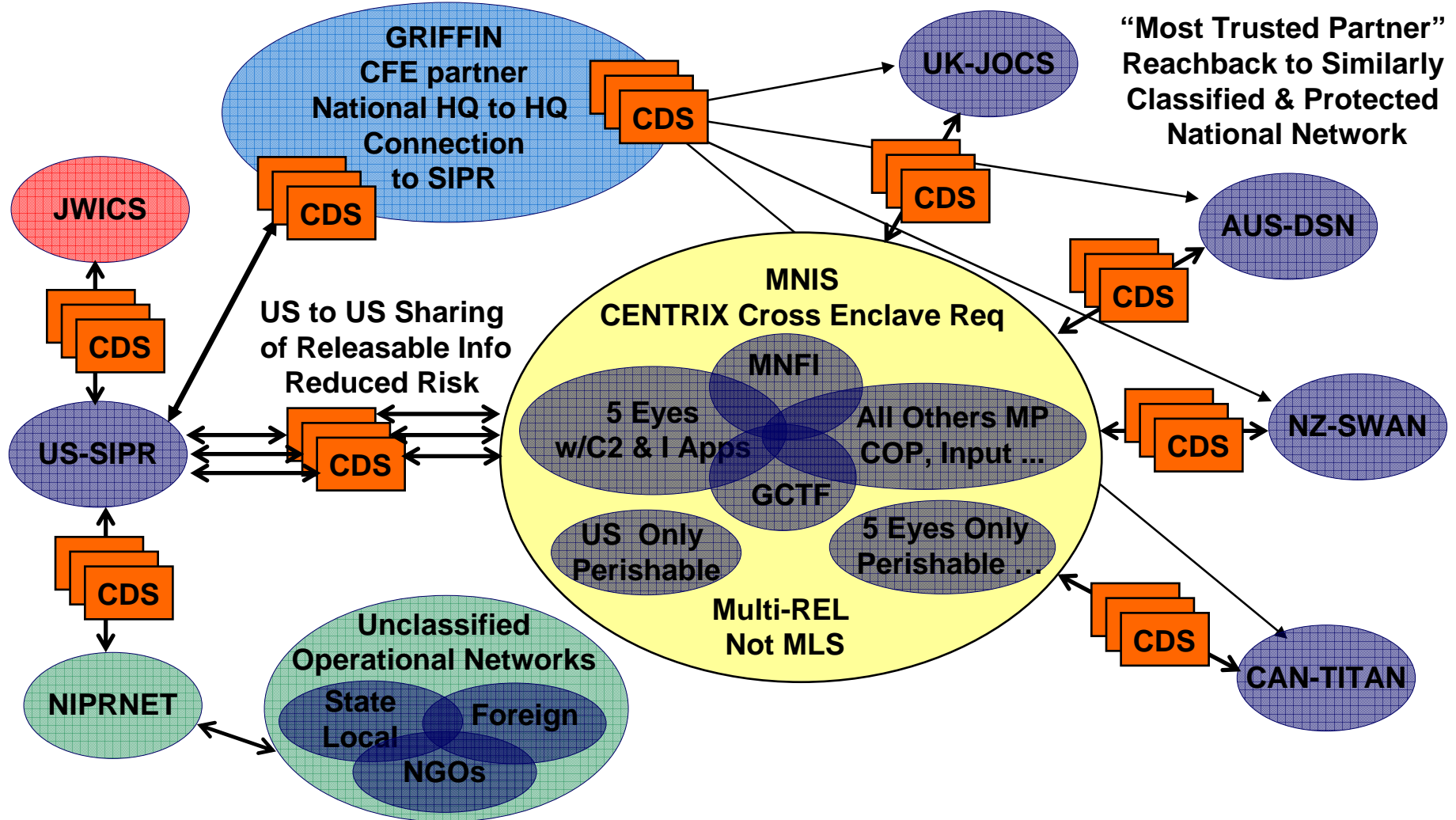
- **Current process for release of classified info to foreign partners is paper based, with individual release decisions, or assumes a standard target audience**
- **Current process requires a Foreign Disclosure Officer knowledgeable in "release criteria"**
- **Need to migrate to a process based on what the product 'is' and enable access decisions based on data tag and identity of user**
- **Tearlines do not work well in a network focused on operations**
- **Need FDO approved ROE for both Disclosure and Release to each warfighting network environment -- automated within guards, e-mail and web-services with notification and assistance links**
- **Need credibility index to replace methods and sources**

"Need to Know" in Era of "Responsibility to Share"



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Near Term -- CCER



Converge physically separated coalition warfighting networks to provide a common suite of information services to all Mission Partners with controlled access to C2/Intell applications on a common network -- based on country trust and user role



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Mission Partner Assured IS Roadmap

Info Sharing I-Plan

Physical Separation Current - 2009	PR 09 POM 10	Hybrid Separation 2009-2012	2012 Funds	Logical Separation 2012-2016
COCOM/COI CENTRIC		PARTIAL ENTERPRISE CENTRIC		ENTERPRISE CENTRIC
ExtraNet – Unclass Std, Dev, Test		DOD ExtraNet Portal		AIS Enables: NECC NCES DISN Enterprise Gateways
CENTRIX Consolidation at DECCs		CCER at DECCs Complete CENTRIX Converging (incl. Bilats & Interagency) Role Based Access		
CFE, ISAF, CNFC, CENTRIX- J / K, Bi-lats...				
CCER Assess Tech, Dev, Test				
GRIFFIN			GRIFFIN	
CDS Baseline		Enterprise CDS		
MNIS/AIS AOA MSN Partner IS Conops Tools for marking/release		SOA NECC & NCES Integrated Data Storage Crypto Binding IA Metadata		MNIS GIG-IA

OBJECTIVE SYSTEM

Iterative fielding of technologies as they mature and are certifiable, provides improved operational capability at lower overall cost



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QUESTIONS?