



Defense Information Systems Agency

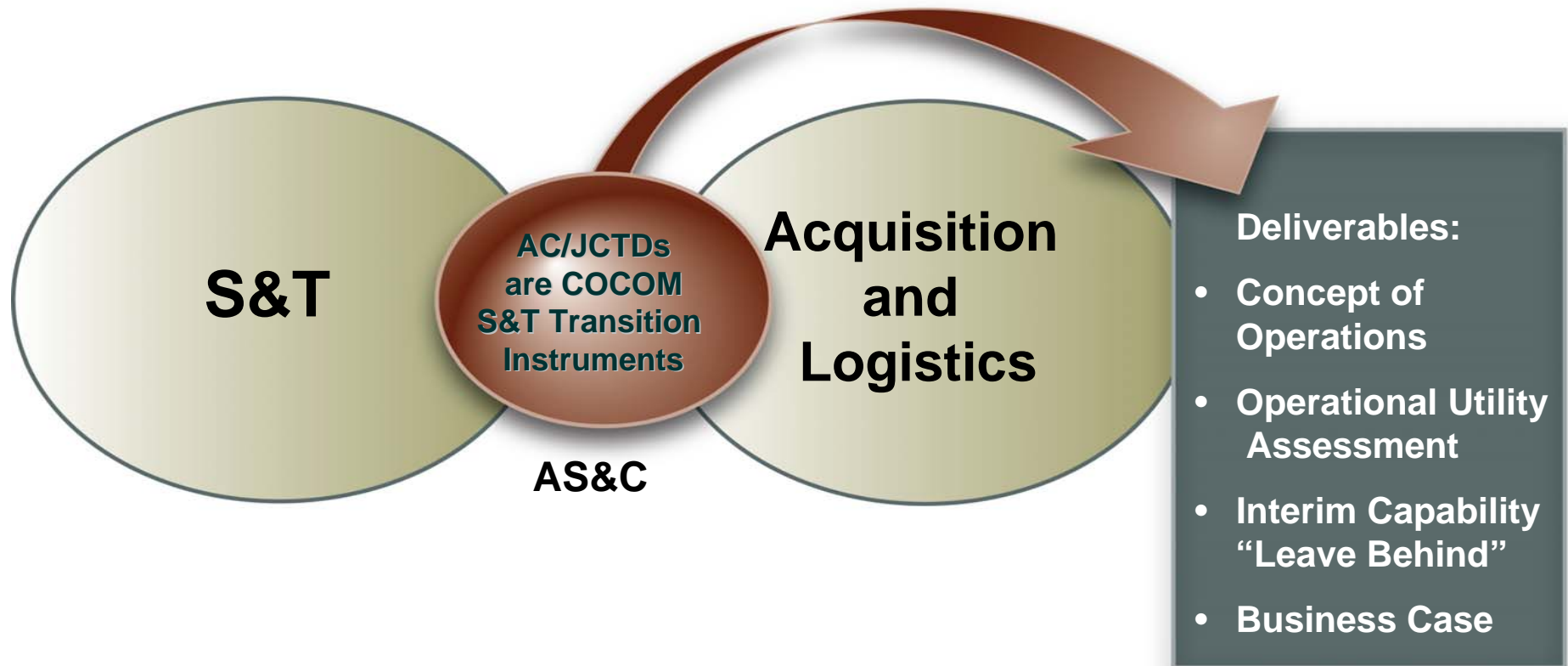
Department of Defense

ACTD/JCTD Process Fundamentals

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What are AC/JCTDs?

- Fill Gaps Between S&T and Acquisition for COCOMs
- Demonstrate Multi-Service, Joint and Coalition Capabilities



JCTDs are not acquisition programs; they transition solutions to COCOMs



Characteristics of JCTDs

- **Address COCOM Needs With Innovative Concept and Mature Technology**
- **Provide Capability Solution With Operational Concepts and TTP**
- **Assess Solutions in Warfighter Operational Demonstrations**
- **Usually Joint, Often Combined / Coalition / Interagency / Transformational**
- **Rapid Results: 1 to 3 Years or Less to Final Demonstration and a Prototype Interim Capability**
- **Multiple Funding Sources With a Transition Agreement**

Emphasis on Demonstration and Transition...try with intent to buy



JCTD Measures and Metrics

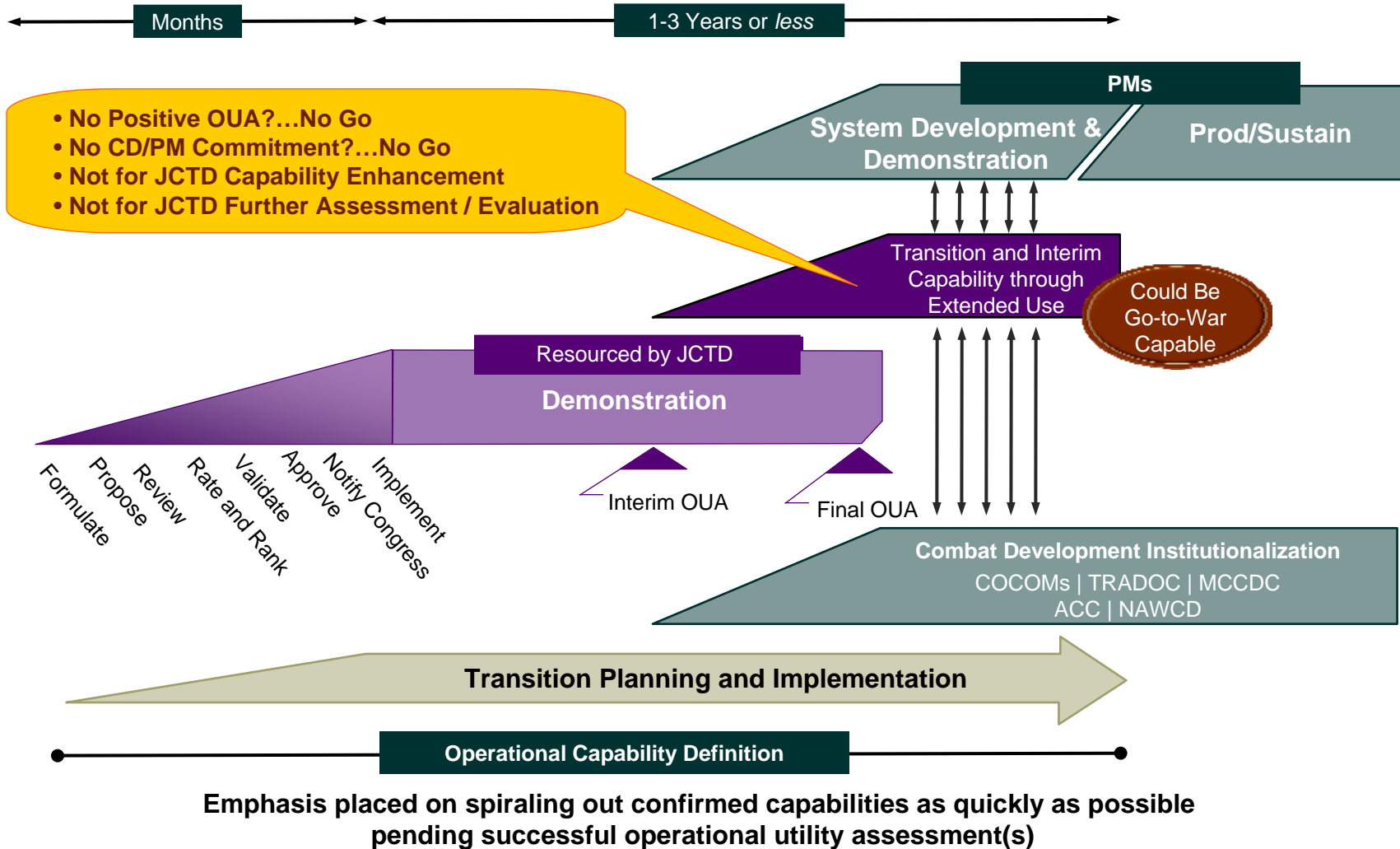
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Measure	Metric
JCTD Selection Focus	Capability Based: Greater COCOM influence in selecting JCTDs with a focus on nearer term Joint / Coalition / Interagency operational needs
Final Operational Demonstration Completed and Spiral Technology Goals. (Starting Point: Approved Implementation Directive[ID])	25% will provide an operationally relevant product demonstration within 24 months of ID signature. 75% complete final operational demonstrations within three years of ID signature. Provide spiral technologies (if applicable)
Shared Funding and Visibility of Resources	OSD provides significantly more funding (often greater than 30%). In some cases a majority of project funding, especially during the first two years
Operational Utility Assessment (OUA) conducted by an independent activity	JCTDs not necessarily tied to an exercise. Greater flexibility to establish operational utility via "real world" demonstration or specifically designed test / venue
Transition of Capability	80% of JCTDs transition at least 50% of their products to operations and sustainment. "Try with Intent to Buy" focus

*Information obtained from OSD's "JCTD Practical Operating Guidelines"



JCTD Framework



*Information obtained from OSD's "JCTD Practical Operating Guidelines"



JCTD Guidelines Taxonomy

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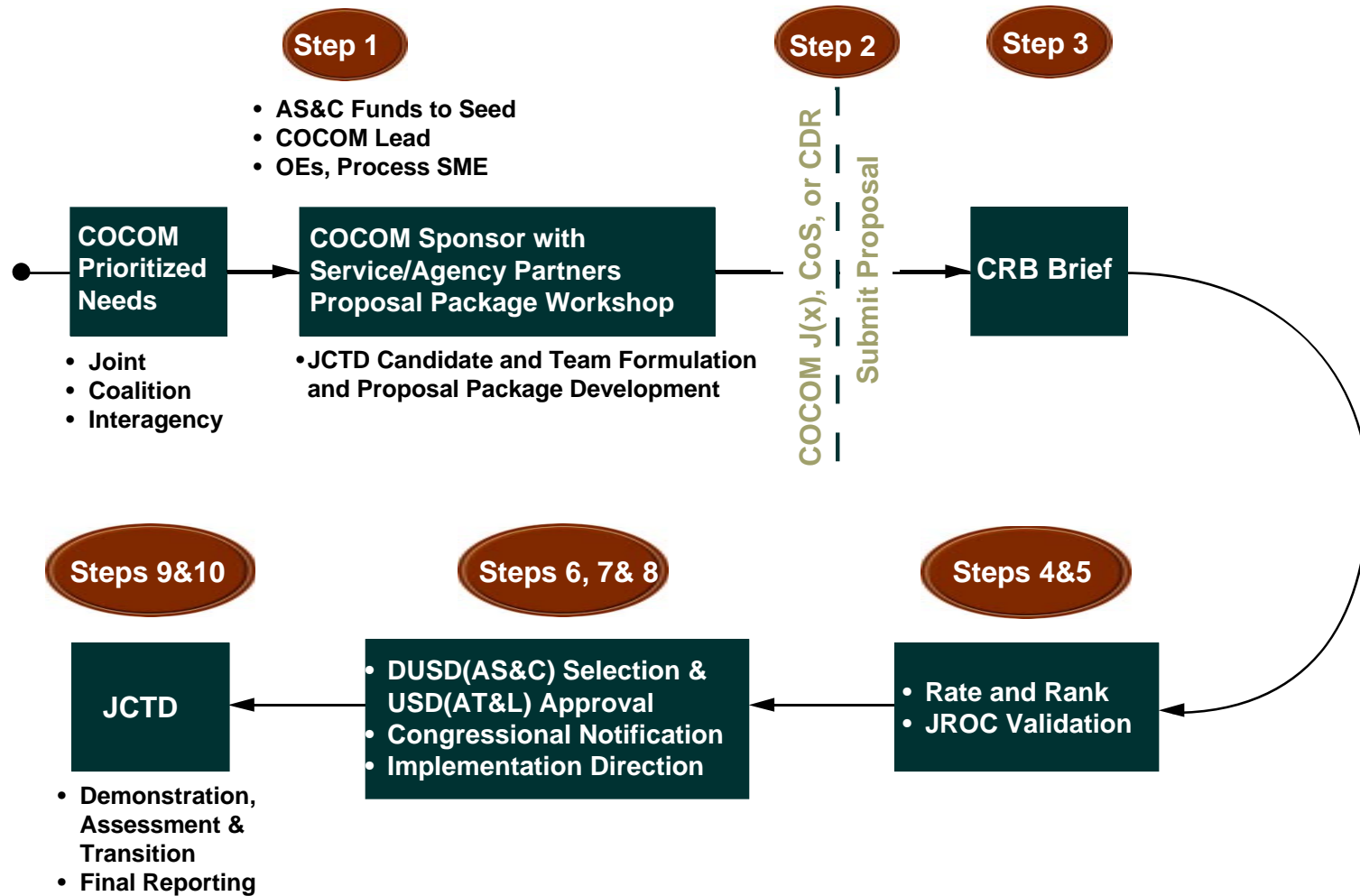
Process	Key Documentation / Modules
F Formulation	<p>Proposal Package (Proposal Paper, Candidate Review Briefing, Quad Chart, Congressional Summary Report)</p>
P Propose	
CR Candidate Review	
RR Rate and Rank	
JNV JROC Needs Validation	
UA USD(AT&L) Approval	
CN Congressional Notification	Congressional Report Summary
ID Implementation Direction	Implementation Directive (ID), Funding Request
DAT Demonstration, Operational Utility Assessment and *Transition	Management and Transition Plan (MTP), Funding Request, CONOP and TTP, Integrated Assessment Plan (IAP), Operational Utility Assessment (OUA) Report
FR Final Reporting	Final Report

* Requires Positive OUA and Acquisition Community Commitment

Management Areas: Operational, Technical, Transition (includes financial), Oversight

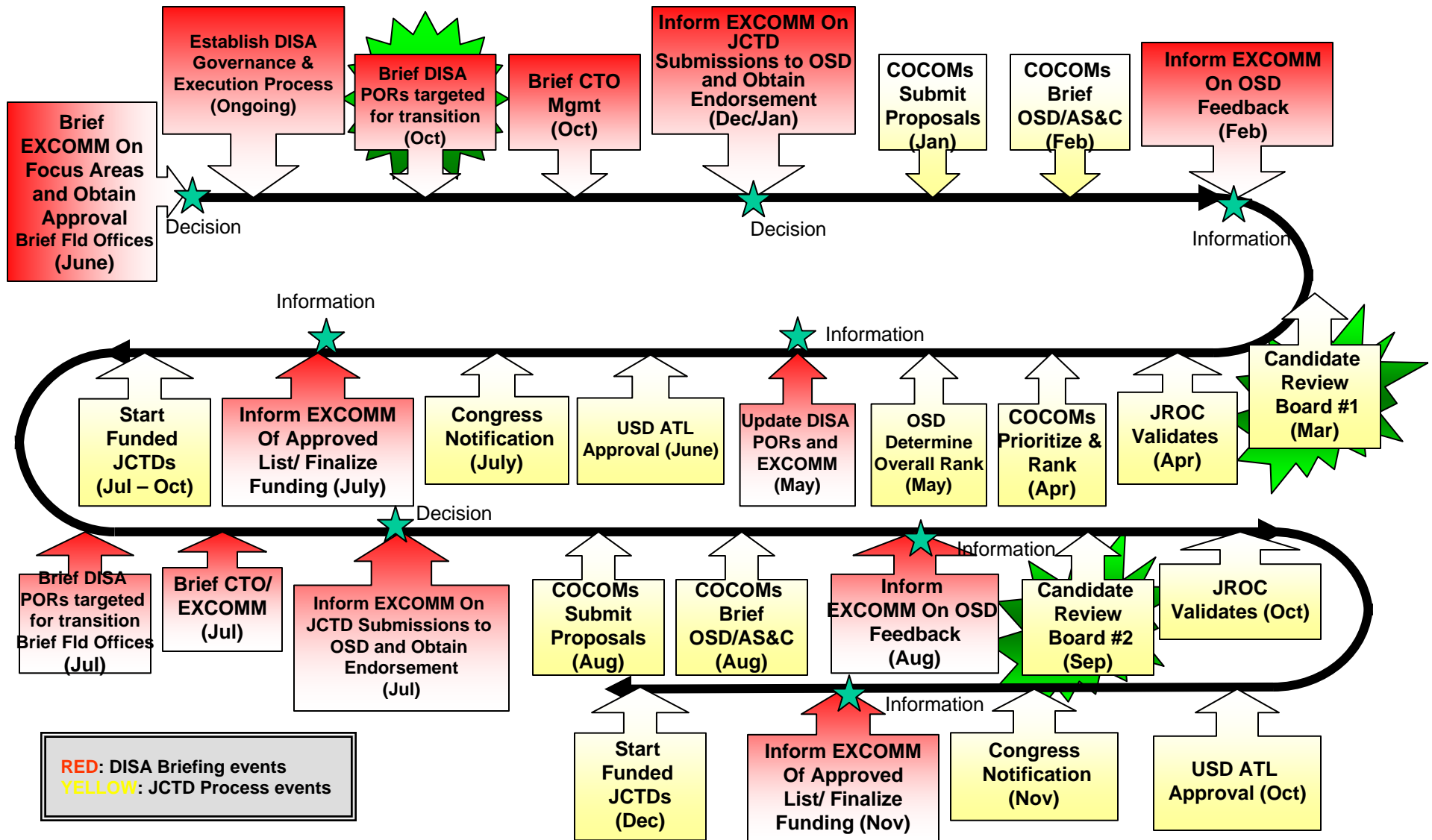


JCTD Life-Cycle Process Flow





DISA JCTD Process Timeline



CTO is the POC for ALL Proposals coming into DISA



Benefits to DISA

- **DISA realizes ROIs leveraged by AC/JCTDs**
 - *For every \$1 DISA invests it receives from \$1.6 to \$4 from OSD/MIPRs*
- **DISA practices Risk Mitigation**
 - *Try before buy...80% solution polished by demonstrations in the field*
- **DISA has a mechanism to implement Lt Gen Croom's "Adopt, Buy or Create" philosophy rapidly through the development of leap-ahead technologies**
 - *Accelerate transition by testing technical solutions & concept*
- **DISA provides warfighters an opportunity to test products pre-deployment**
 - *Spur concurrent development of CONOPS & system requirements*
 - *Overcome institutional reluctance to embrace new concepts*



Recent Successes

- **Turbo Planner**
 - Promoted to Development Piloting status within the NECC FDCE. (March 2008)
 - Fielding in GCCS-J v4.1.1 (Fall 2008)
- **Turbo Docs**
 - TE leading the pilot for a DISA Enterprise Application
- **Joint Force Projection (JFP)**
 - Deployed prior to transitioning
 - Promoted to Development Piloting status within the NECC FDCE. (March 2008)
 - Supported PACOM's Terminal Fury exercise
- **Joint Coordinated Realtime Engagement (JCRE)**
 - Proving out key NECC architectural underpinnings (SOA, Virtualization, Federation to solve DIL, COOP, and scalability issues)
 - One of the first to officially progress to FDCE Development Piloting Level
 - Completed JEFX 08-1 Military Utility Assessment Phase 1
 - Major Participant in GIG Computing Node (GCN) Pilot
- **Large Data**
 - LMUA completed Nov 2007, final report Jan 2008 with STRATCOM, INSCOM 501st MI Bde, NRL, NGA, DISA, DIA participating
 - Provided military analysts with capabilities to fuse large content from geographically disparate locations in a more timely manner at forward deployed location.
 - Analysts customized huge intelligence products into BW economical products for broader BW constrained community users
- **Event Management Framework (EMF)**
 - v1.1 (v1.1.4) May 08
 - User Assessment for USNORTHCOM 08 Hurricane Season and Pandemic Influenza
 - Installation complete at DISA
 - Accredited for NIPRNet and SIPRNet
- **Transnational Information Sharing Cooperation (TISC)**
 - TISC JCTD is the first FY08 Rolling Start JCTD to go through the ID process and receive final signatures
 - Oversight Executive (OE) applauded the team effort to make this happen.
 - Oversight Management Group meeting held 4/4/08



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