



Defense Information Systems Agency

Department of Defense

DISA's JCTD Proposal & Selection Process

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Agenda

- **Introduction**
- **JCTD Proposal Process**
- **JCTD Selection Process**
- **Benefits to DISA**



What is DISA's Advanced Concepts Division's Role?

- **Provide an environment conducive to delivering capability to the warfighter faster, more effectively, and with greater accuracy.**
- **Technical Manager**
 - Plans, coordinates, and directs development activities
 - Develops life cycle cost estimates
 - Manages ACTD funding
 - Acquisition and programmatic support
 - Supports MUAs conducted by Operational Manager
- **Transition Manager/Transition Support**
 - Orchestrates transition planning and execution
 - Leads Transition IPT
 - Develops, updates, refines transition agreement
 - Supports TM and Lead Service in sustainment planning
 - Ensures out-year O&M funding



Entry Point for all JCTD's requiring DISA Participation



Transition Process (As Is)

- **Warfighter has a need**
- **Develops a proposal**
- **Enters proposal into the ACTD Process**
 - Review
 - Selection
- **Conducts the ACTD**
 - Development
 - Joint Military Utility Assessment (JMUA)
 - Extended User Evaluation
- **Transition**

JCTD candidates are currently generated in a separate process not tied or related to either the JCCD or the Program of Record



Conceptual Transition Process (To Be)

- **Requirements Generation**
- **Gap Analysis**
 - **Metrics**
 - **Artifacts**
- **OSD JCTD Process**
 - **Proposals**
 - **Review**
 - **Selection**
 - **Based on agreement to transition**
- **Agile Integration Environment**
 - **Entry Criteria**
 - **Exit Criteria**
- **Feedback Loop**

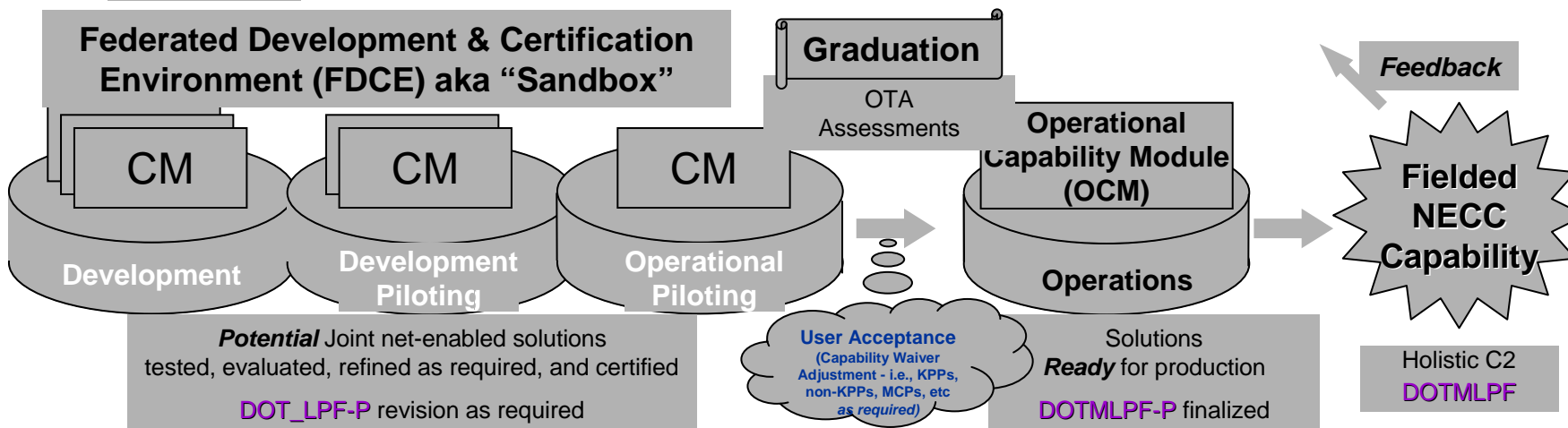
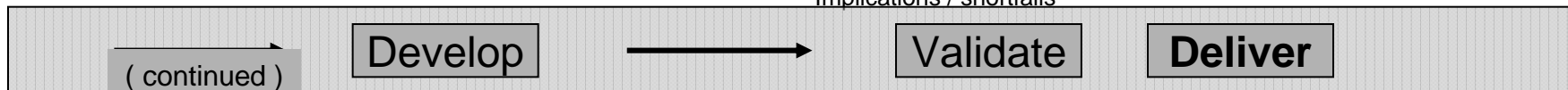
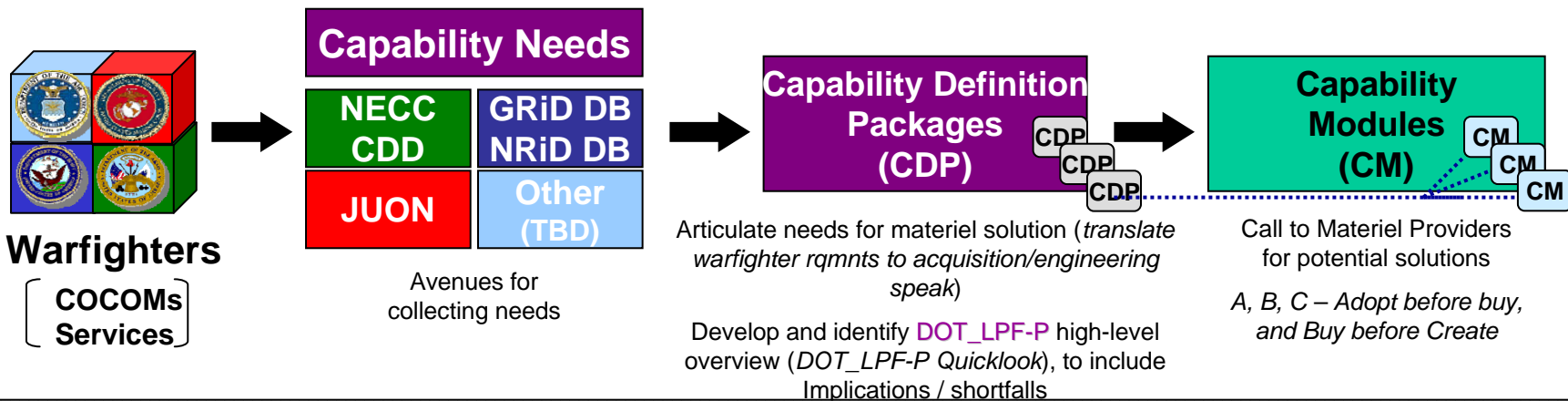
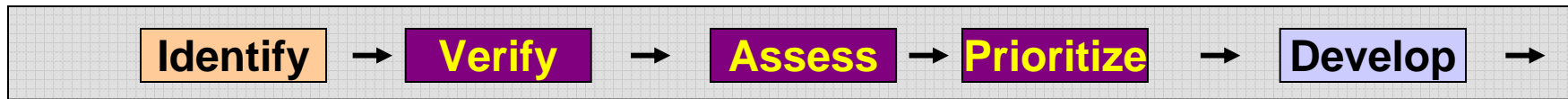
A consortium of players that work through this loop from start to finish



JCTD Proposal Process



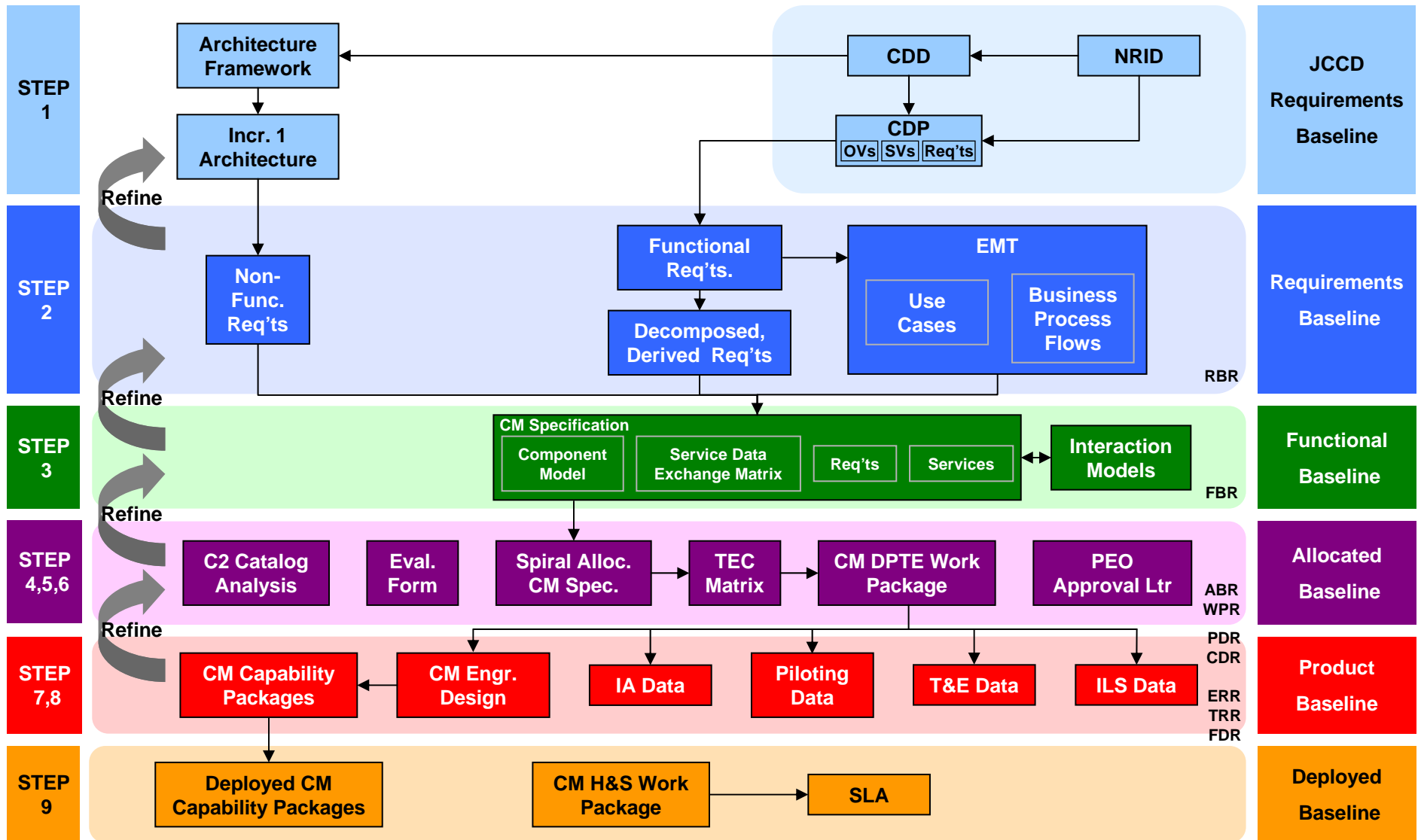
NECC Capability Development Integrated JCCD/FDCE Process





Baseline Structure

CDP Driven Focus





DUSD Call Letter



OFFICE OF THE UNDER SECRETARY OF DEFENSE
3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

SEP 07 2008

ACQUISITION
TECHNOLOGY
AND CONCEPTS

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Call for FY2009 Joint Capability Technology Demonstration (JCTD) Proposals

I invite you to submit proposals for the Joint Capability Technology Demonstration (JCTD) Program. Your proposals will target the FY2009 proposal review cycle. Submitted proposals should contribute to transformational, joint, coalition, or inter-agency capabilities that are enduring in nature and have a Combatant Commander as the primary sponsor.

The JCTD program continues its dedication to: (1) supporting the CoComs by addressing their joint and coalition challenges that are specific to their theater or mission, (2) bridging gaps in joint and coalition warfighting capabilities that have been identified by the Joint Capabilities Integration and Development System (JCIDS), and (3) bringing new technology-based capabilities to the joint and coalition warfighter.

I believe the JCTD program does a great job of demonstrating innovative and technologically mature concepts into warfighting use as rapidly as possible. To that end, I will accept candidate proposals year round. Proposals competing for FY2009 project starts should submit documentation by January 15, 2008 for the review in late February. The preponderance of approved JCIDs will come from the February 2008 review with the potential of 2-3 selections from a rolling start review in September 2008.

Please submit JCTD proposals to the Office of the Secretary of Defense/Advanced Systems and Concepts (DUSD (AS&C)) using the AS&C Knowledge Information & Management System (KIMS) within our web site www.acq.osd.mil/jctd. Submit secret classified proposals to KIMS link found within our AS&C SIPRNET web site www.acqs.osd.pentagon.smil.mil/actd. Additional guidance on the submission process and suggested formats are available on both web sites. Thanks for your continued support of this highly successful program that creates enduring capabilities for the joint and coalition warfighter.

John S. Wilcox
Director, JCTD Program
(Advanced Systems and Concepts)

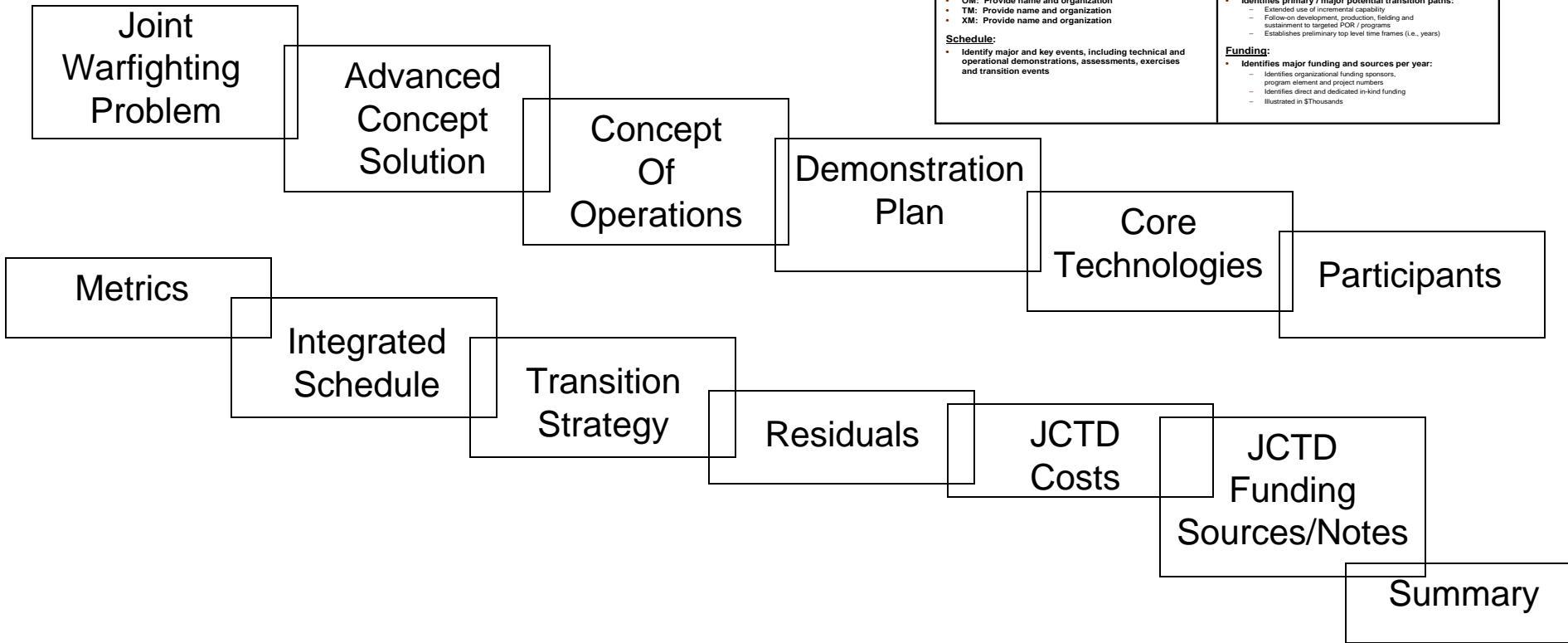




Candidate Proposal Package

1. White Paper
2. Quad Chart
3. Proposal Briefing Format

<p>Operational Problem:</p> <ul style="list-style-type: none"> Describe operational deficiencies / needs within an intelligence or operational organization that cannot be performed or is unacceptably limited <p>QV-1:</p> <ul style="list-style-type: none"> Operational concept graphic—top-level illustration of JCTD use in operational environment: <ul style="list-style-type: none"> Identifies the operational elements / nodes and information exchanges required to conduct operational intelligence analysis Serves to support development of the SV-1 architecture Format as a high-level structured cartoon like picture Illustratively describes the CONOP Supports development of the CONOP and TTP 	<p style="text-align: right;">FYXX</p> <p>Capabilities Solution:</p> <ul style="list-style-type: none"> Identifies: <ul style="list-style-type: none"> Key elements and components (e.g., sensors and processors, communications and systems) Operational organizational components (e.g., local sites and national control centers) Operational interoperability (e.g., external users COCOMs, Services, DHS, International partners) Defines: <ul style="list-style-type: none"> Operational and technical functionality / capabilities Information and technologies usage and sharing (e.g., exportability and classification) <p>Technologies:</p> <ul style="list-style-type: none"> Identifies key and core technologies for successful technical and operational demonstration of the Capabilities Solution Provides Technical Readiness Level (TRL) for each: <ul style="list-style-type: none"> Baseline at start of JCTD Projection at completion of last operational demonstration
<p>Participants:</p> <ul style="list-style-type: none"> User sponsor: Identify COCOM Lead agency: Identify lead service / agency OM: Provide name and organization TM: Provide name and organization XM: Provide name and organization <p>Schedule:</p> <ul style="list-style-type: none"> Identify major and key events, including technical and operational demonstrations, assessments, exercises and transition events 	<p>Transition:</p> <ul style="list-style-type: none"> Defines top-level overall transition strategy as Driven by Desired Capabilities, CONOP and Capabilities Solution Identifies primary / major potential transition paths: <ul style="list-style-type: none"> Extended use of incremental capability Follow-on development, production, fielding and sustainment to targeted POR / programs Establishes preliminary top level time frames (i.e., years) <p>Funding:</p> <ul style="list-style-type: none"> Identifies major funding and sources per year: <ul style="list-style-type: none"> Identifies organizational funding sponsors, program element and project numbers Identifies direct and dedicated in-kind funding Illustrated in \$Thousands

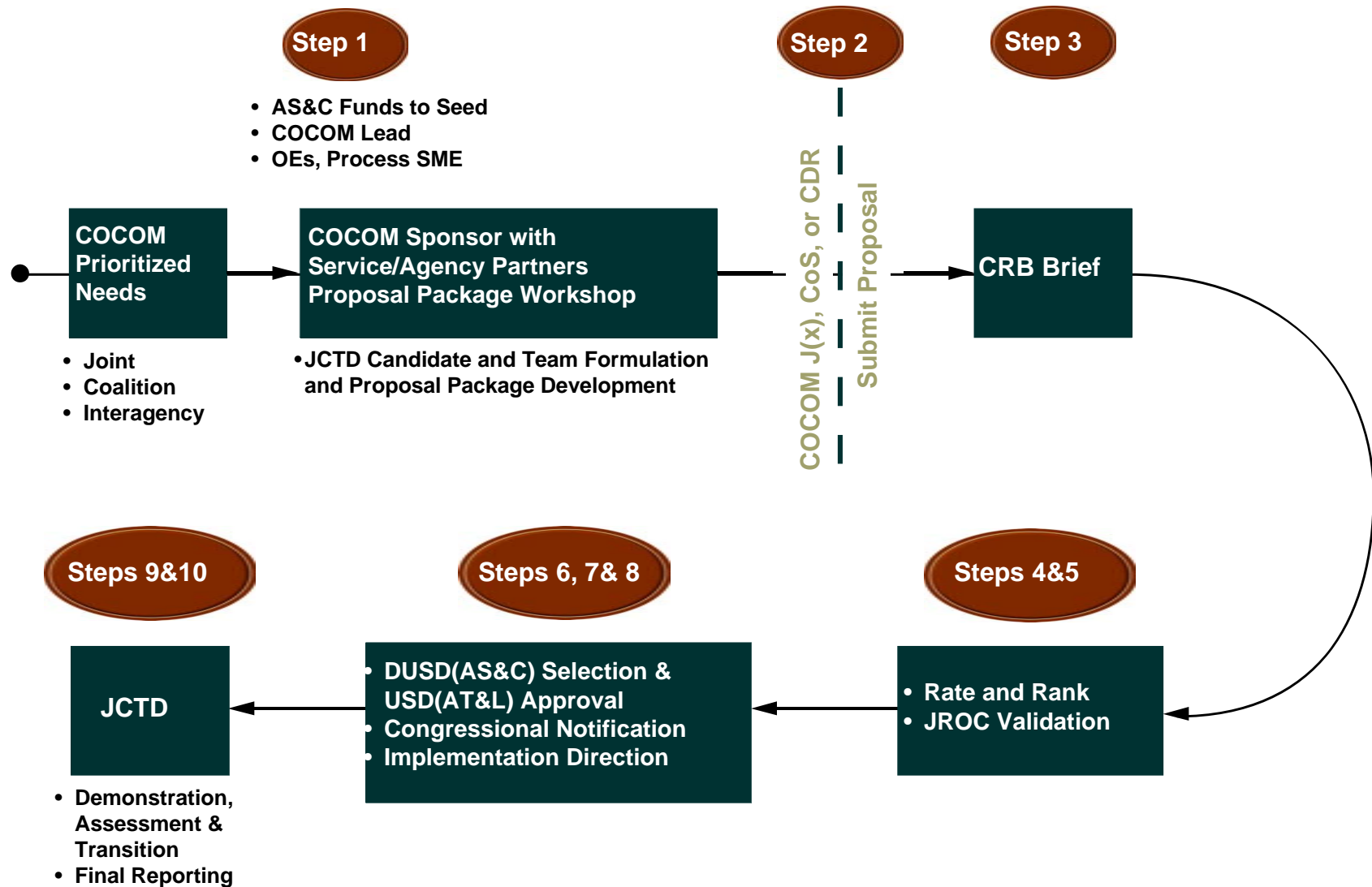




JCTD Selection Process



JCTD Life-Cycle Process Flow



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

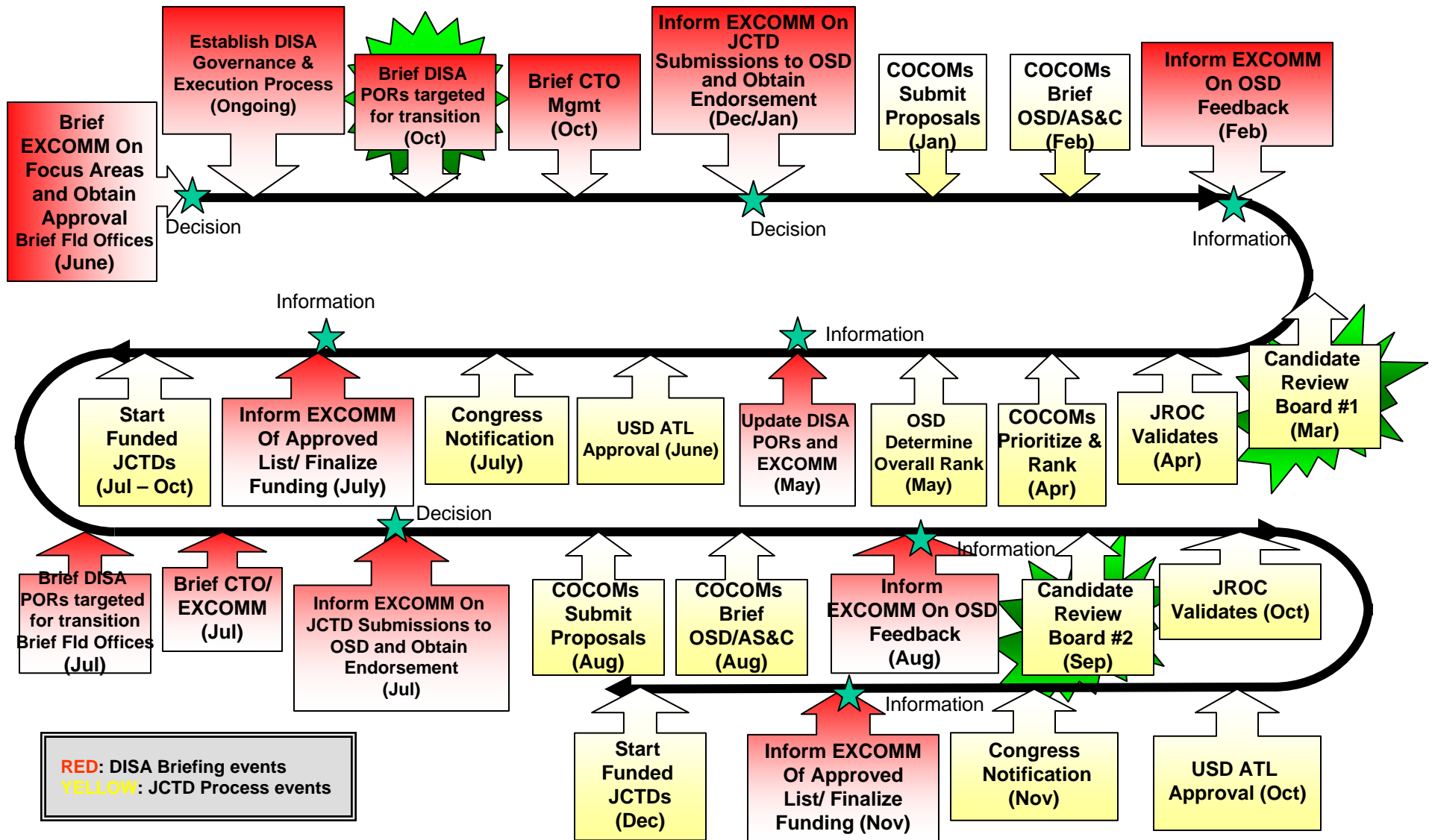


Vetting Process for Proposals

Candidate	J-Code Advocate?	Directorate SME participation	TRL Level	Joint Warfighter Problem	Funding	Schedule	Assessment Viability	Transition Strategy
Joint Medical Distance Support and Evacuation (JMDSE)	Yes - J02M	Yes - LCDR Stiff, RADM Timberlake - Champion	TRL 6	JMDSE will address the Joint medical forces need to operate as a fully integrated Joint Force Health Protection (JFHP) system, with greater self-synchronization and precision of desired effects with a rapid, joint, self-managed, and scalable response capabilities. WFC: #36 Joint Full Spectrum Operational Capability and Capacity	Yes \$6M - AF, \$1.5M SOCOM	Yes	Yes	JPADS, other PORs working, XM working POM Build



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*



Information Access

DISA – www.actd.disa.mil
OSD – www.acq.osd.mil/actd

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Advanced Concepts Office CTO/T02

Active ACTDs

- AT 21 ACTD
- CMS ACTD
- COSMOS ACTD
- EMF ACTD
- JCRE ACTD
- JFP ACTD
- Large Data JCTD
- TEBO ACTD
- TISC JCTD
- TSP JCTD
- Turbo Planner ACTD

Transitioned ACTDs

- HLS-D C2 ACTD
- ABA ACTD
- D-SIDE Project
- Gridlock ACTD
- JBFS ACTD

Additional Links

- CWID
- Media Center
- OSD-JCTD

Mission:
The Advanced Concepts Office provides the technical management, project management, and transition expertise to demonstrate the military utility of mature technology solutions. Working closely with the Deputy Undersecretary of Defense, Advanced Systems and Concepts (DUSD AS&C), CTO/T02 coordinates and manages the development, implementation, and transition of Advanced Concept Technology Demonstrations (ACTD) and Joint Capability Technology Demonstrations (JCTD).

Focus:
The right information, to the right person, in the right place, at the right time.

- Portfolio approach to managing our COCOM customers highest priority emergent requirements;
- Shaping the DOD net-centric force via DISA frameworks (e.g. NCES and NECC) and operational capabilities (e.g. DISN and DECCs);
- Experience and technical expertise of Technical Managers and Transition Managers; and
- Streamlined systems engineering process for small inter-related projects.

Scope:

- Command and Control (C2) and Combat Support (CS)
- Information Sharing
- NetOps
- Network Infrastructure

Registered Users

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