



# JCTD Process



Advanced Concepts and Experimentation  
Chief Technology Office

[www.disa.mil/JCTD](http://www.disa.mil/JCTD)

- Role of the Advanced Concepts and Experimentation Office
- Characteristics of JCTDs
- Selection and Approval Criteria
- OSD/DISA Selection Process
- Summary

# What is the role of DISA's Advanced Concepts and Experimentation Office?

DISA's Advanced Concepts and Experimentation (ACE) Office within the Chief Technology Office is the entry point for all emerging technologies, including Joint Capability Technology Demonstrations (JCTDs).

ACE provides an environment conducive to delivering advance capability to the warfighter faster, more effectively, and with greater agility.



**Entry point for all JCTD's requiring DISA participation**

- Address needs with innovative concept and mature technology
- Provide capability solution with operational concepts and tactics, techniques & procedures
- Addresses COCOM's needs through Joint Urgent Operational Needs (JUONs), Integrated Priority Lists (IPLs), and Science & Technology IPLs (STIPLs)
- Assess solutions in 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
  - *OSD & Partner funding clearly indicate executable program*
- Team Effort (Operational Manager (OM), Technical Manager (TM), Transition Manager (XM), Oversight Executive (OE), others, etc...)
- Results in a significant increase in Joint /Coalition /Interagency Capability

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

## Department of Defense Research & Engineering Checklist

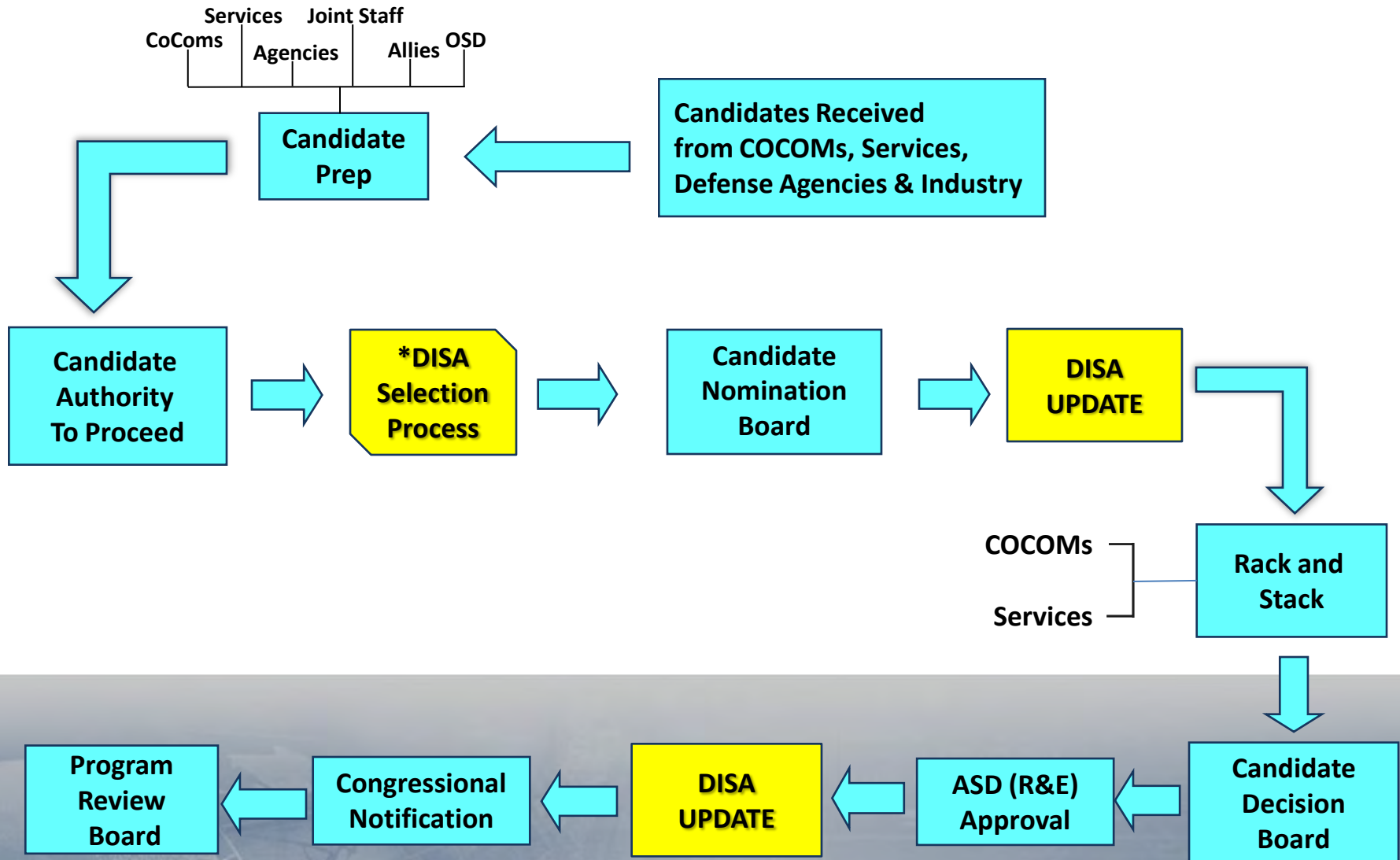
Each JCTD proposal must be able to answer yes to the following questions:

- Does the JCTD fit the DoD mission space?
- Does the JCTD fit within the OSD (R&E) priority areas?
- Does the JCTD address a COCOM technical gap?
- Does the JCTD clearly define an OM, TM, and XM?
- Does the JCTD have a clearly defined transition path?
- Are the success criteria for the JCTD clearly defined?



- Semiannual JCTD Candidate Nomination Review (CNR) and Candidate Decision Board (CDB) process
- Prior to the CNR & CDB, proposals are socialized with COCOMs, Services, and Agencies (to include DISA) to gain maximum support
- Proposed JCTDs approved by the CDB go to Congress for review

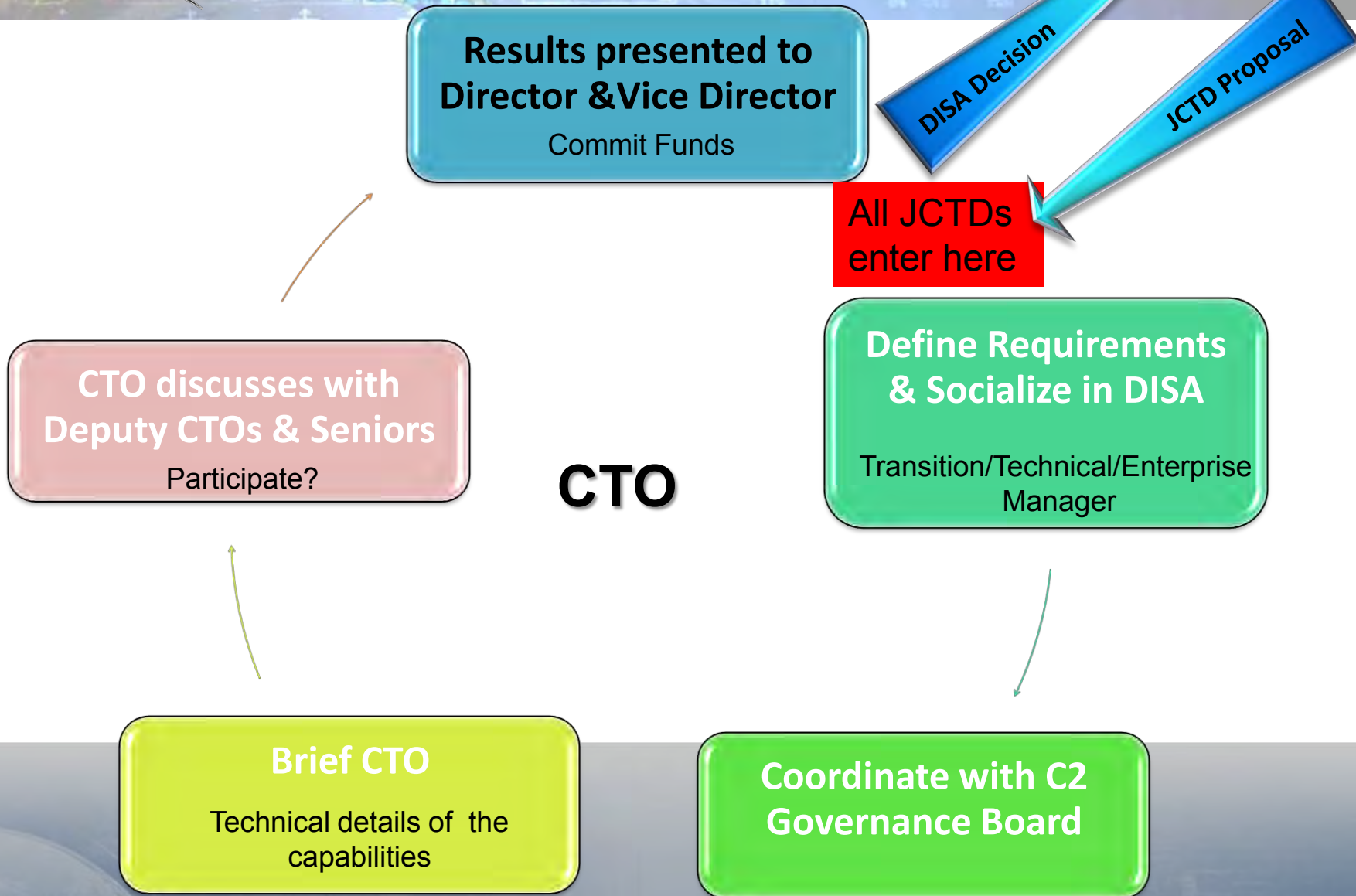
# JCTD Proposal, Selection, and Approval Process



- DISA CTO ACE representatives work with prospective JCTD candidates to socialize within DISA including identification of OM, TM, and XM roles
  - *The JCTD is reviewed and assessed on capability, architecture, engineering approach, development tools, funding source, capability maturity and transition strategy against DISA's programs, projects, and services*
- DISA CTO ACE representatives coordinate with the C2 Governance Board (when needed) to ensure JCTD candidate falls within the priorities of the C2 community
- Prospective JCTD candidate (s) are presented to the DISA CTO
- The DISA CTO socializes the JCTD candidate (s) with the Deputy CTOs for agreement to participate
- Upon agreement, the DISA CTO presents to the Director or Vice Director, DISA for approval and commitment of funds (If needed)
- Agency's results are sent to the DASD RFD




# DISA Selection Process





# The most important things we do in a JCTD:

- *Rapidly transition new capability to the COCOMs*
  - *Anticipate future capability needs*
  - *Mitigate risk to major acquisition programs*
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- The objective of the JCTD program is to rapidly demonstrate and deliver a significant operational capability to the COCOMs
- JCTDs are not created equal but all share a fundamental set of common traits:
  - Based on strong partnerships
  - Fill an identified IPL
  - Direct operator input and involvement
  - Must conduct Operational Utility Assessments
  - Emphasize speed to delivery



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