



Joint Capabilities Development and Acquisition

***2010 Ground Robotics Capabilities
Conference & Exhibition***

“Dual Use Combat Developers Panel”

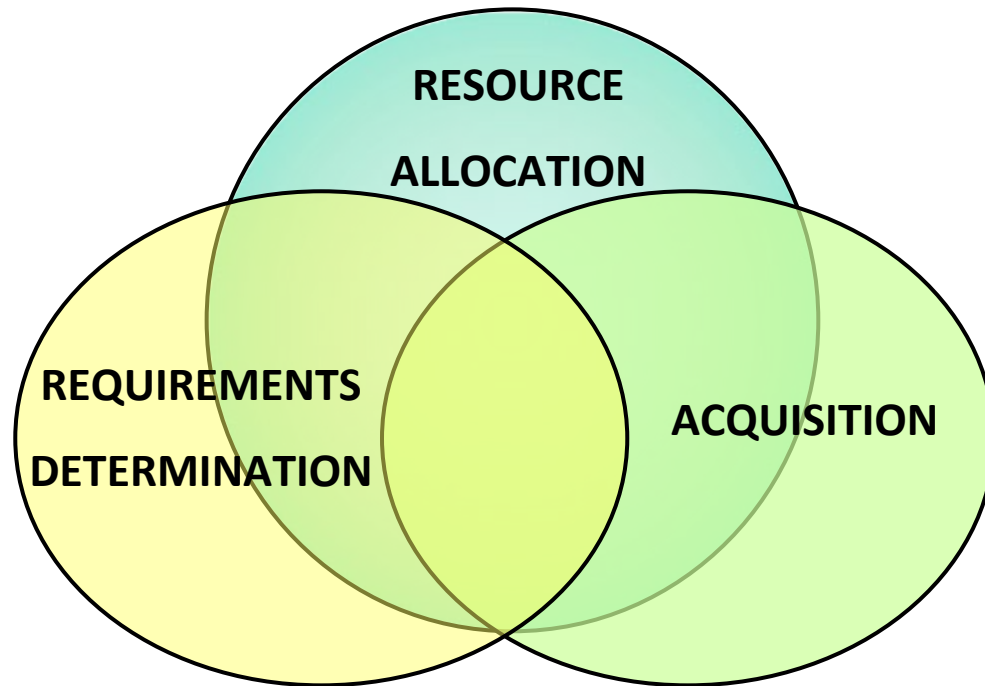
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Joint Staff, J-8**

Bottom Line Up Front (BLUF)



- **Balancing Act:**
 - Requirements, Resources, Acquisition
- **Big “A” vs. Little “A”**
 - Standard acquisition process slow but effective
 - Rapid Acquisition (e.g, JUONS) when appropriate
 - Other avenues: JCTD
- **Resource Constrained Environment**

Joint Staff J8 Mission



- Requirement Determination - Planning, studies, analysis, assessments
- Resource Allocation - Programming/Budgeting
- Acquisition Execution - Deliver the required capabilities

***Assist in Delivering the Right Mix of Capabilities
for the Joint Force Commanders***

Challenge of Rapid Acquisition



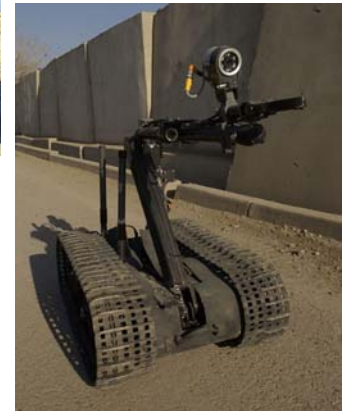
- ★ Future Focused
- ★ Very Structured Process
- ★ Evolved Requirements
- ★ Analysis of Alternatives
- ★ Lengthy Development
- ★ High Visibility on Program
- ★ Large Investment

Big A

little

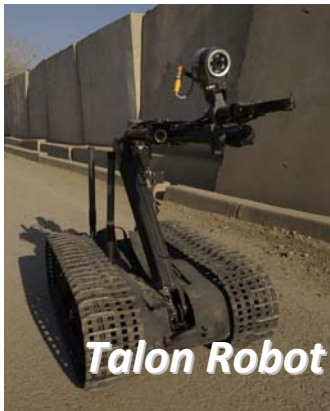
a

- 🕒 **Now focused**
- 🕒 **More *ad hoc* process**
- 🕒 **Broad requirement**
- 🕒 **Quick assessment of alternatives**
- 🕒 **Limited development**
- 🕒 **High visibility on results**
- 🕒 **Limited investment**
- 🕒 **Very Limited Feedback**
- 🕒 **Transition to Program of Record**

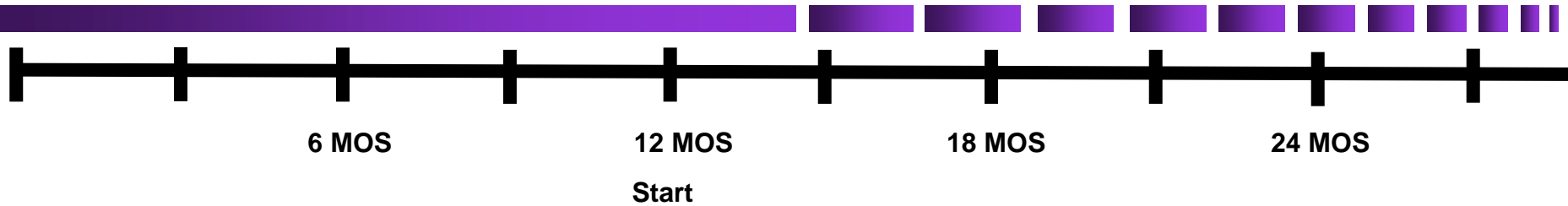


JUON Robots

- **10 Total CENTCOM JUONs**
 - C-IED related
 - **3 Active / 7 Fielded**
 - Additional robots included in surge requirements
- **Enhancements:**
 - Deployment systems from vehicles
 - Detachable toolkits
 - Long-range antennas
 - Video capture



New & Accelerated JCTD Process



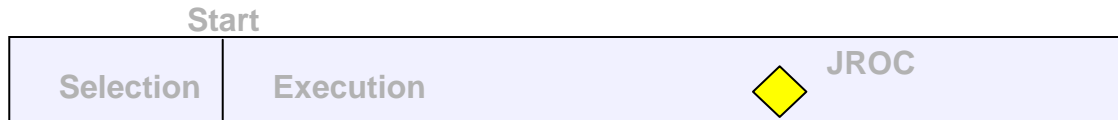
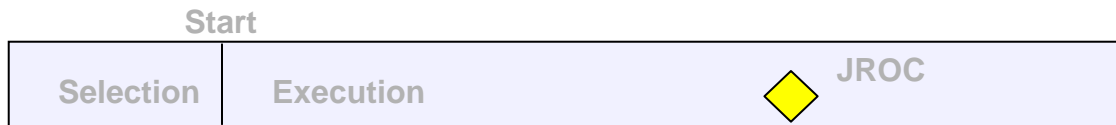
Candidate Decision Board

- Executable (Tech Readiness Lvl (TRL) 5-7)
- Addresses valid need
- OSD / DDR&E Chair
- JS / J8 DDR – CO-Chair

Program Review Board:

- Transfer to Program Of Record (POR); or
- Deliver residuals satisfying need; or
- Terminate
- Forward to JROC for validation

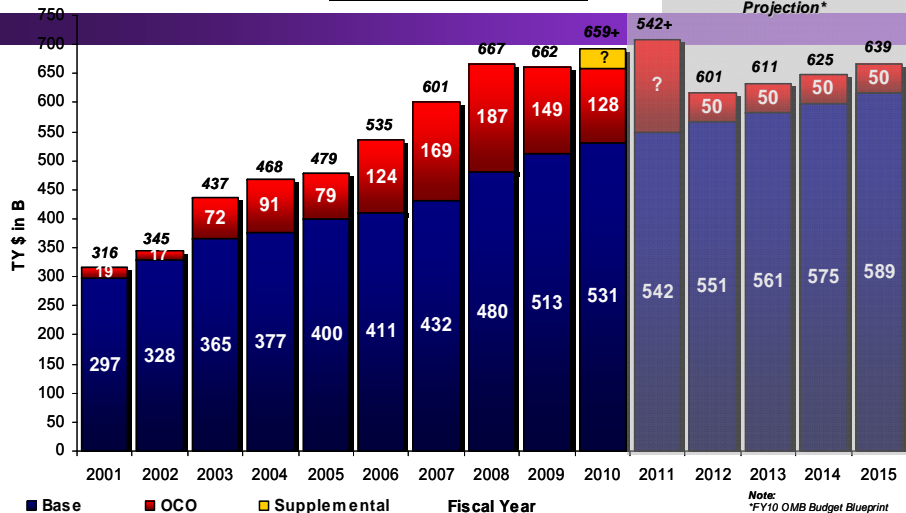
◆ Quarterly Program Review Boards



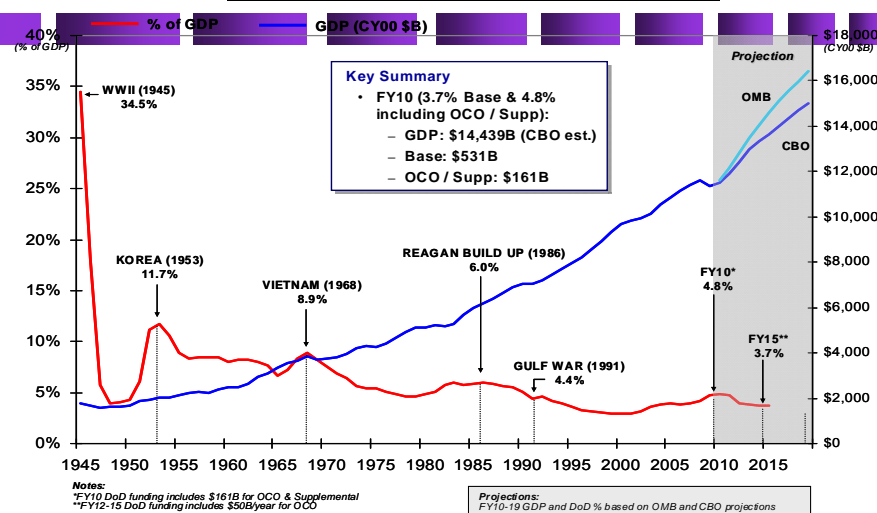
**Joint Capability Technology Demonstrations (JCTD)
Quarterly Starts / Transfer to POR as appropriate**

Downward Budget Pressures

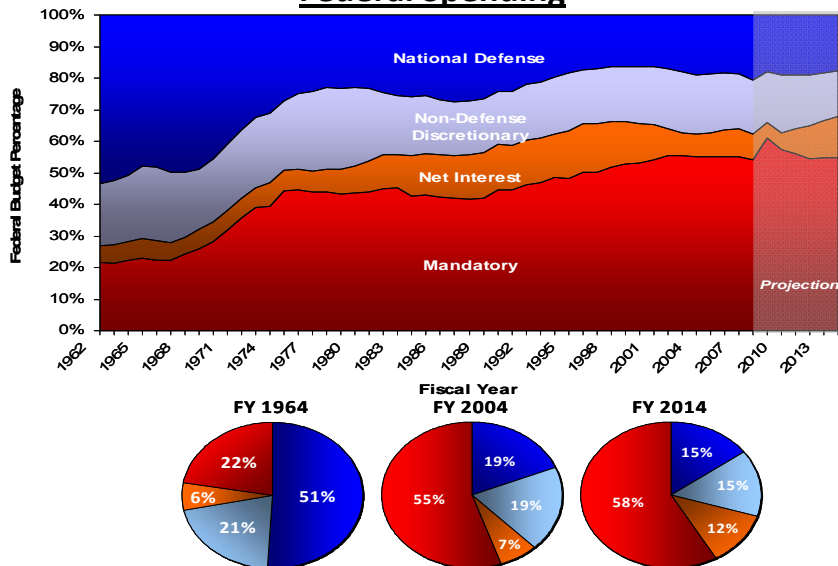
Defense Funding



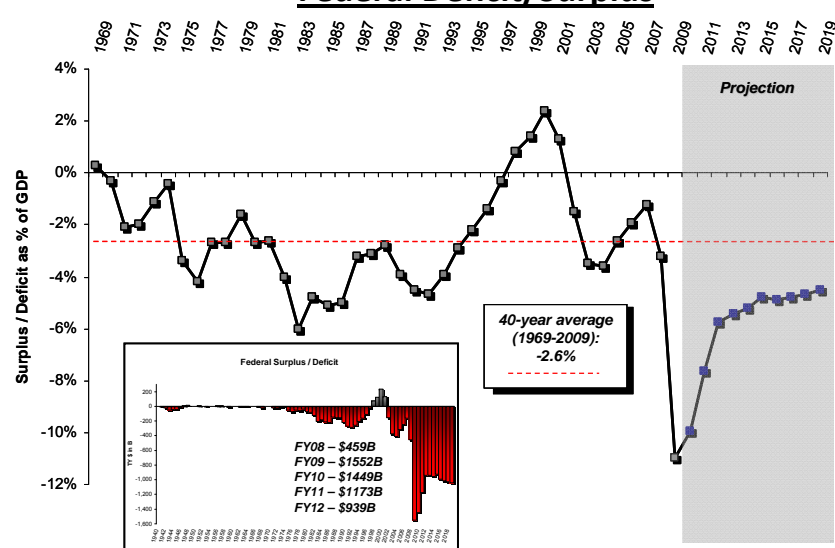
Defense as a Percentage of GDP



Federal Spending



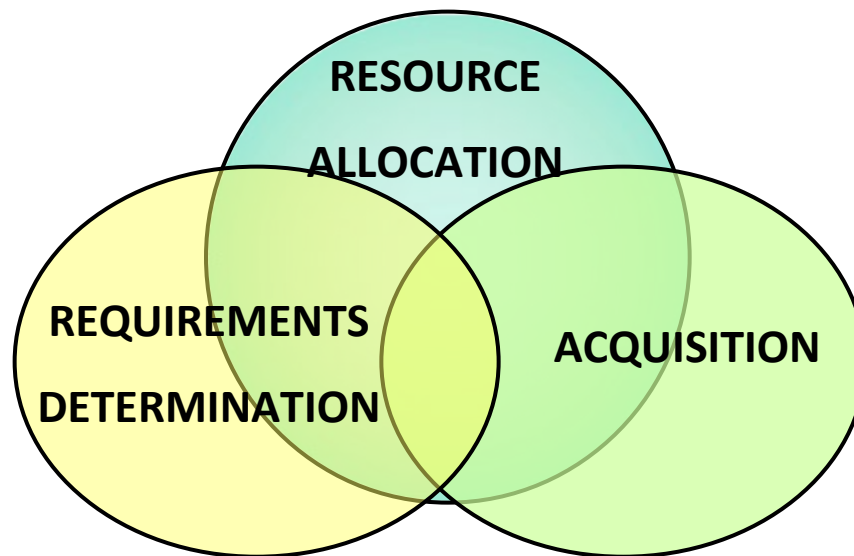
Federal Deficit/Surplus



Mounting deficits, interest payments & entitlement spending will result in downward pressure to defense budgets

Conclusion

- J-8 committed to fielding right mix of Joint capabilities
- Use rapid acquisition process when appropriate
- Balancing priorities is critical

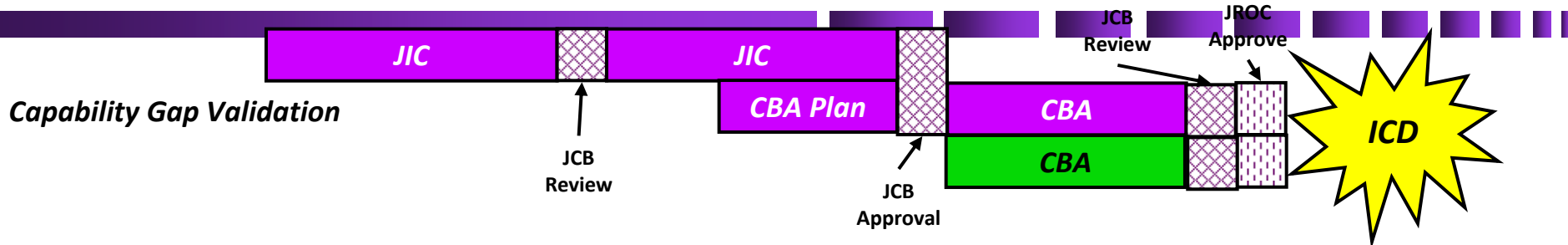




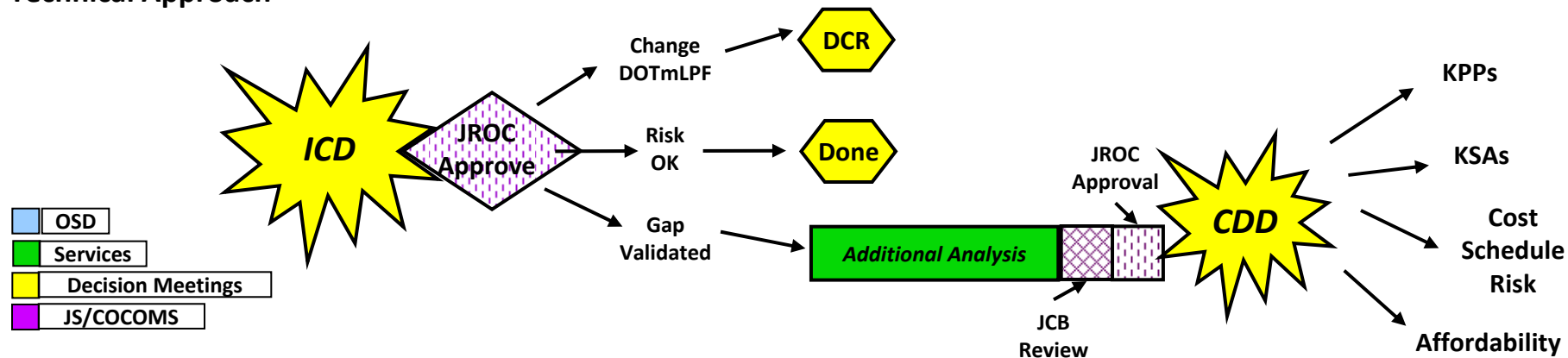


BACKUP SLIDES

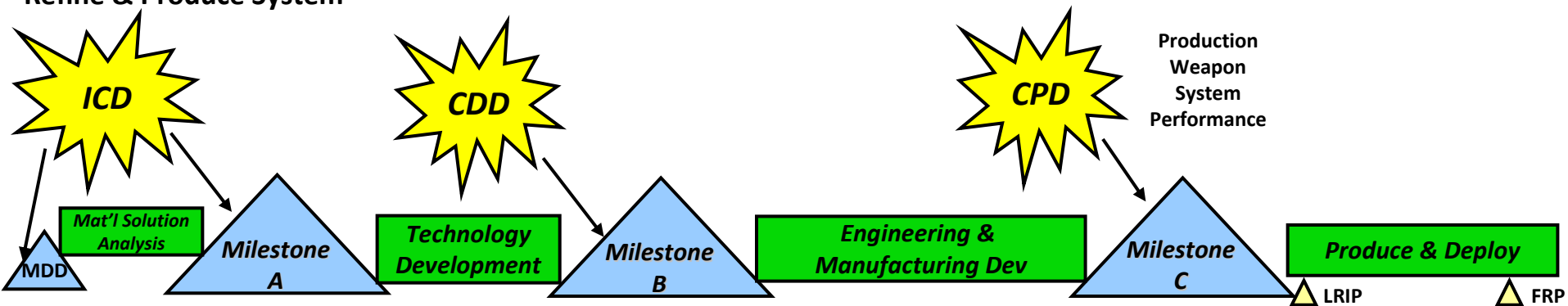
Capability Based Assessment and Acquisition Processes



Technical Approach

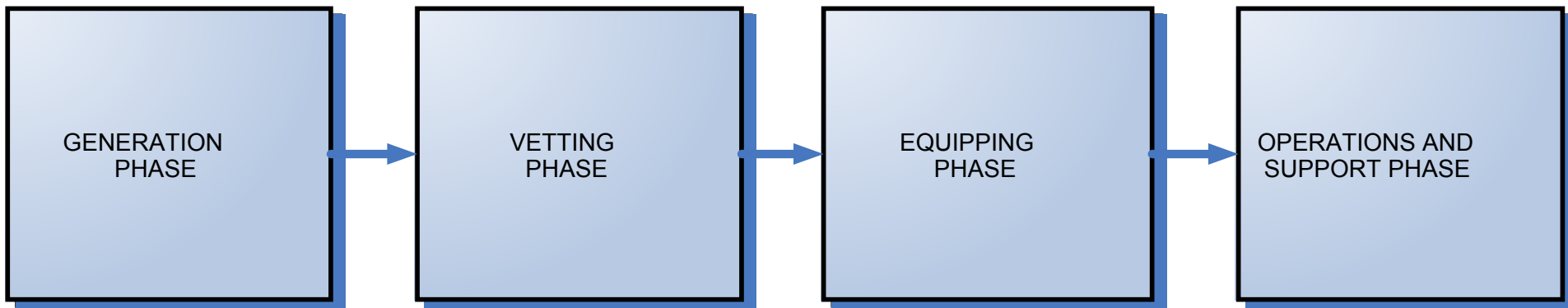


Refine & Produce System



Rapid Fielding Framework

JUON Process Consists of Four Phases:



Force Commander Identifies Urgent Need

Combatant Staff determines the most suitable process

COCOM CoS certifies and submits to Joint Staff (DJ-8 RMD)

J-8 RMD Receives and verifies that JUON meets submission criteria

JUON is reviewed and routed

Solutions are identified

JRAC determines a resourcing Strategy.

Interim Sponsor creates a Simplified Acquisition Plan

Procures and deliver solution to the Warfighter

Provide Progress Reports On Performance, Cost, and Schedule

Interim Sponsor sustains solution and monitors performance for twenty- four months

Interim Sponsor, COCOM, and FCB prepare Capability Review to Address final disposition of fielded system.

SPEED IS LIFE

JCTD Historical Perspective

All JCTDs: 2006 – Present, DDR&E Funding

