



Sample CNR Briefing



(JCTD Title & Acronym)

FY _____

Candidate Nomination Review (CNR)
(Date)

- Participants
- COCOM Sponsor: (organization)
- Oversight Executive: (name)
- Operational Manager: (organization & name)
- Technical Manager: (organization & name)
- Transition Manager: (organization & name)
- Other participants / partners (organizations & names)

Notes:

1. Spell out all acronyms on all charts
2. Template is unclassified but please add
"Unclassified FOUO – Distribution Statement D" On the top and bottom of all the slides on the completed briefing.



(JCTD Acronym) Operational Problem Statement

COCOM Sponsor and Supporting Statement

- Provide specific problem(s) being addressed by JCTD - Be specific
- Current situation resulting from shortfall in capability
- Provide supporting evidence

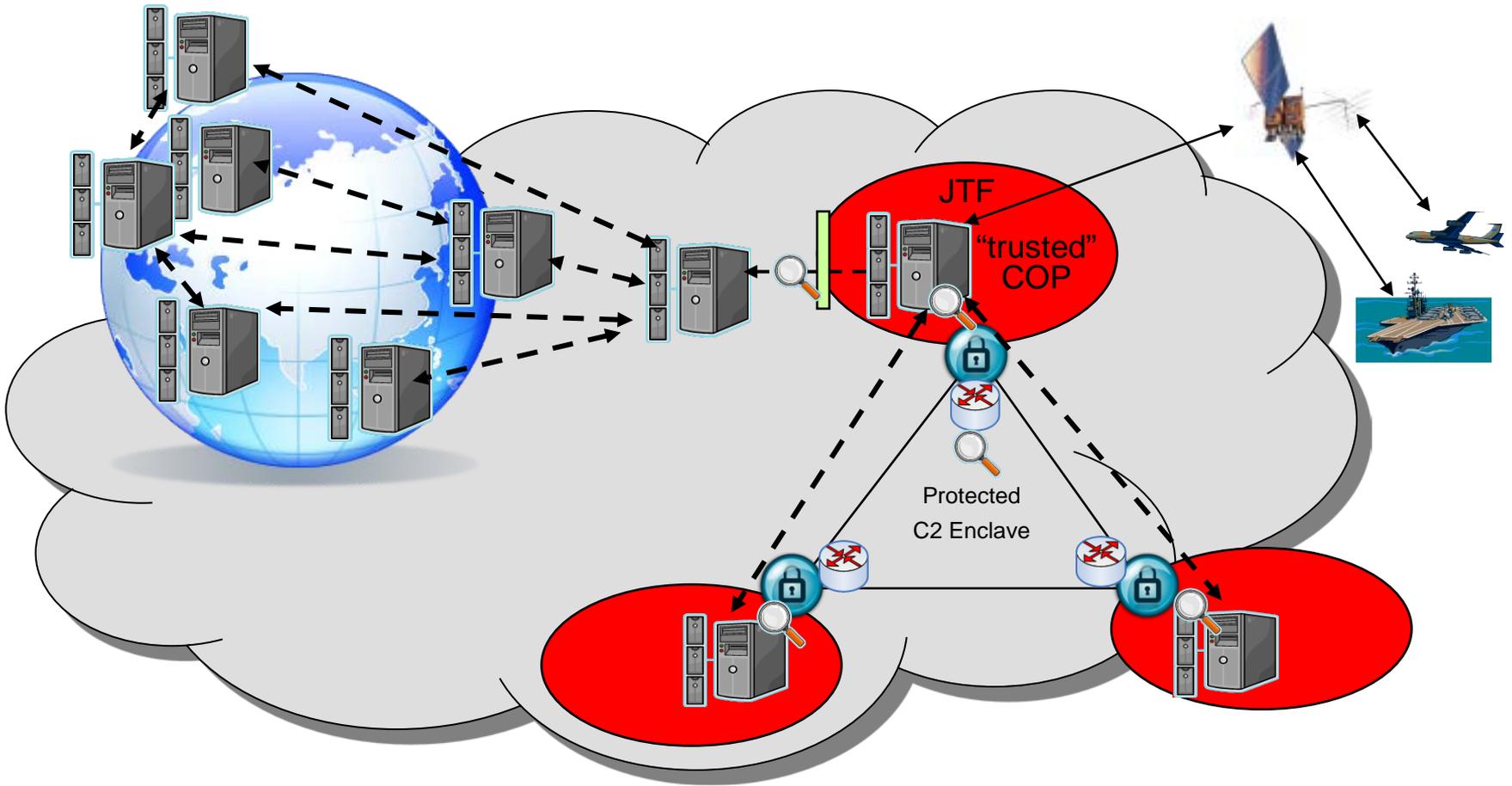
Tagline

Is JCTD the result of Enabling Technology (ET) Project: (Yes or No)

Note: If yes, provide title and year of ET project.



JCTD Acronym





(JCTD Acronym)



Proposed Concept:

What the JCTD will do:

Key Technologies:



(JCTD Acronym) Technology Readiness Levels

Technology	Pre-JCTD	Post-JCTD
Architecture and Software		
Web-GIS Compatible Tools	9	9
Relational database interface tools	9	9
SOA for two-way data-sharing with DoD C2 systems	6	8
Database Management Tools	9	9
Visualization tools	8	8
Processing and Service Software	9	9
Communications and Networking		
IP, Web-Based, Commercially Secure Network	9	9

Sample Technologies

Identify primary technical challenge(s) and approach to overcome and/or potential alternatives:



(JCTD Acronym) Activities/Deliverables

Year 1: (Provide planned activities – be specific)

Specific Deliverables Include:

Year 2: (Provide planned activities – be specific)

Specific Deliverables Include:

Note: Specific deliverables can include 'Spirals' which deliver a product, capability or increment of a capability to a Warfighter and/or contributes notably to the JCTD effort. Deliverables can also include, design packages, Technical Data Packages, CONOPS, JCTD residuals, technical demonstrations, hardware, software, training packages, operational utility assessments, etc.



(JCTD Acronym) Overall Demonstration Plan



- **Technical Demonstrations**

- **Operational Demonstrations**

- **Joint Utility Assessment**

Note: Identify planned demonstrations and assessments to include dates, locations, participants and specific objectives.



(JCTD Acronym) Transition Strategy



What will be transitioned?

Where will it be transitioned?

Who will be responsible for making it happen?

When will transition occur?

What are expected costs of transition and funding sources?



(JCTD Acronym) Schedule

	FY				FY				FY			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Analytical Software Procurement			■	■		■		■				
Develop CONOPS / TTP and finalize			■									
OD Planning & Execution			■									
Architecture Development			■									
Connectivity (Data Brokering Services)				■		■		■				
Service Access Control Systems Modification			■									
▲ Technical and ▲ Operational Demonstrations			▲		▲		▲		▲			
Technical Documentation			■									
Transition									■			
OM Management (Integration & Certification)			■									
Independent Assessment			■									
Anticipated Start: (Month and Year)			Length of JCTD: (Length in Months)									

Sample Milestones and Schedule

JCTD
Start





(JCTD Acronym) Detailed Cost Plan

PEOPLE JCTD Functional Cost Estimation (\$ Thousands)			
Task / Item	FY __	FY __	TOTAL
Operational			
Operational Utility Assessment (OUA) , Quick Look & Report	\$125	\$125	\$250
CONOPS/Functional Rqmts/TTP & OD Planning & Execution	\$475	\$425	\$900
Travel	\$25	\$25	\$50
Operational Total Estimate	\$625	\$575	\$1,200
Technical			
Datasets Integration and Test	\$1,289	\$409	\$1,698
Models Integration and Test	\$689	\$0	\$689
H/W & S/W & Licenses Procurements	\$1,615	\$144	\$1,759
System and Operational Architectures Design	\$400	\$170	\$570
H/W & S/W System Integration & Test	\$714	\$201	\$915
Training	\$0	\$20	\$20
Training Planning & Documentation	\$15	\$5	\$20
Technical Demonstration	\$96	\$0	\$96
Travel	\$60	\$40	\$100
Technical Total Estimate	\$4,878	\$989	\$5,867
Transition			
Transition Planning & Documentation	\$165	\$125	\$290
Travel	\$15	\$15	\$30
Transition Total Estimate	\$180	\$140	\$320
TOTAL	\$5,683	\$1,704	\$7,387

Sample Tasks



(JCTD Acronym) Funding Plan



JCTD Funding Plan - Dollars in Thousands (Fill In White spaces)							
(JCTD Title)				(Name of OE)			(Date)
1. Committed Partner Cash Contributions							
Organization	Funding Commitment	Type of Funding	Program Element	(Year 1)	(Year 2)	(Year 3)	Total
							\$ -
							\$ -
							\$ -
							\$ -
							\$ -
Total Committed Partner Cash Contributions				\$ -	\$ -	\$ -	\$ -
2. Uncommitted Partner Cash Contributions							
							\$ -
							\$ -
							\$ -
Total Uncommitted Partner Cash Contributions				\$ -	\$ -	\$ -	\$ -
3. JCTD Program Funds	Pending	RDT&E/6.3	0603648D				\$ -
Total Cash Contribution (Includes Committed & Uncommitted Partner Cash and JCTD Program Cash)							\$ -
4. Committed Partner Critical Non-Cash Resources (CNCR)							
Organization	Description of Committed Resource			(Year 1)	(Year 2)	(Year 3)	Total
							\$ -
							\$ -
							\$ -
Total Committed Partner CNCR				\$ -	\$ -	\$ -	\$ -
5. Uncommitted Partner Critical Non-Cash Resources							
Organization	Description of Uncommitted Resource			(Year 1)	(Year 2)	(Year 3)	Total
							\$ -
							\$ -
							\$ -
Total Uncommitted Partner Critical Non-Cash Resources				\$ -	\$ -	\$ -	\$ -
Risk Calculations							
% of Partner Cash Committed			#DIV/0!	% of Cash JCTD Program Providing			#DIV/0!
<i>Note: See Sheet 2 for definitions and criteria for Color Coding.</i>							



(JCTD Acronym) Key Metrics

Parameter/ Capability	Attribute	Measure	Metric	Baseline	Threshold	Objective
Effective Transmit Power	Effective Beamwidth	Power vs AZ/EL position from boresight	X-Mit power/ (Min required ERP)	>6 over $\pm 30^\circ$ -30° +5° EL	>1 over $\pm 20^\circ$ -20° +10° EL	TBD
Vehicle Power Generation	Power available to payload	Max. power Generation	Gen Power/Threshold	> 1	> 2	> 2
Payload Mass	Nosecone Mass properties	Weight/CG	Comparison with XYZ-T	Difference with XYZ-T < 5%	Difference with XYZ-T < 1%	Difference with XYZ-T < 1%
Payload Size	Form factor	Payload Volume	Volume/(max. avail volume)	< 5	< 1	<1
Payload Power Consumption	Payload power load	Power draw for select EA types	Power draw/(max avail power)	< 5	<1	<1

Sample Metrics



(JCTD Acronym) Risk Management & Mitigation

Risk Factors (JCTD)		Risk Assessment	Mitigation Strategy	Expected Result
Operational	Operational Users availability	Low	Supplement partner nations personnel with Army participants .	Users trained and available for OD
	Facilities availability	Low	Use of EUCOM provided facilities	Facilities available for OD
Technical	Loss of on-orbit asset	Low	None Required	All on-orbit assets available for TD & OD
	Integration of DoD datasets	Low	Initial focus on use of DoD commercially available data	Targeted datasets integrated and functioning for TD and OD
Cost	Data integration or modeling efforts	Medium	Perform trade-off analysis for selection of datasets and modeling tools	Technical and Operational Demonstrations successfully accomplished
Funding	Partner Commitment s	Medium	Co-develop & coordinate ID with partners	Cash fully committed to JCTD
Schedule	Coordination of technical and operational tasks	Medium	Develop and maintain detailed WBS	OD conducted as planned
Transition	Resource commitment to transition capability	Medium	Develop detailed Plan and Technology Transition Agreement. Obtain resource commitment.	Transition is funded and immediately implemented following OD pending satisfactory OUA

Sample Risk Factors



(JCTD Acronym) Partnerships & Status

Partner/Specific Organization	Status	Impact (Funding & Operational)
	On board	
	Will be Contacting	
	On board	
	On board	
	In Discussion	
	In Discussion	
	On board	

Note: Use this chart to identify partners or potential partners and their status. If partner is not fully committed you will need to discuss impact if partner does not come on board.



(JCTD Acronym) Status & Funding

Criteria	Status	Comments
Funding	R/Y/G	
Transition	R/Y/G	
Schedule	R/Y/G	
Technology	R/Y/G	
Management	R/Y/G	

Note: Provide comment/explanation if the status is yellow or red.

Cash Contributions			
Organization	FY14	FY15	Total
OSD Logistics	\$1.600	\$3.000	\$4.600
Navy	\$.200	\$.200	\$.400
RFD	\$3.100	\$3.300	\$6.400
Total (\$M)	\$4.900	\$6.500	\$11.400

(Show funding line in RED if it is uncommitted)

Critical Non-Cash Resources			
Organization	FY14	FY15	Total
OSD Logistics	\$1.600	\$3.000	\$4.600
Navy	\$.200	\$.200	\$.400
Total (\$M)	\$4.900	\$6.500	\$11.400

(Show CNCR line in RED if it is uncommitted)

Sample Programs and funding



Back-ups



JCTD Title (Font 32; Bold)

COCOM Sponsor: PACOM OE: Mr./Mrs. Doe

FY??

FONT 14

Operational Problem:

- Provide the operation problem this JCTD is going to solve.

Specifics: Short Statement describing what the JCTD will demonstrate.

- Enter specific deliverables in Year 1 and 2

Technologies:

- Enter the technology(s) being used in this JCTD

Note: Font on the entire chart is "Calibri", font sizes differ

Requirement:

- Provide all relevant requirements for this JCTD. **Do not include specific IPL information on the quad.**

Transition:

- Provide transition information

Competing Technology:

- Provide all competing technologies

Funding:

Cash Contributions

Funding (\$K)	FY11	FY12	FY13	Total
Org 1	0	0	0	0
Org 2	0	0	0	0
OSD/RF	0	0	0	0
Total	0	0	0	0

Critical Non-Cash Resources

Funding (\$K)	FY11	FY12	FY13	Total
Org 1	0	0	0	0
Org 2	0	0	0	0
OSD/RF	0	0	0	0
Total	0	0	0	0

See reference slide to fill out SECDEF Priorities.

SECDEF Priorities JCTD Supports: ___ A2AD ___ Building Partnerships ___ Defend Homeland ___ Counter Terrorism ___ Other



Do not include reference slides in briefing.

Reference Slides



SECDEF Priorities on Quad

Identify which SECDEF priority the JCTD proposal will support. See complete names of priorities and definitions below.

A2AD	Maintain ability to project power in areas in which our access and freedom to operate are challenged.
Homeland Defense and provide Support to Civil Authorities	US forces will continue to defend US territory from direct attack by state and non-state actors. We will also come to the assistance of domestic civil authorities in the event such defense fails or in case of natural disasters, potentially in response to a very significant or even catastrophic event.
Building Partnerships	The ability to set the conditions for interaction with partner, competitor or adversary leaders, military forces, or relevant populations by developing and presenting information and conducting activities to affect their perceptions, behavior and capabilities. (BA JCA Definition)
Combating Terrorism and Irregular Warfare	Disrupt, dismantling, and defeating al-Qa'ida and preventing Afghanistan from ever being a safe haven again. As U.S. forces draw down in Afghanistan, our global counter terrorism efforts will become more widely distributed and will be characterized by a mix of direct action and security force assistance.
Other	Doesn't fit any of the above categories or supports multiply categories, i.e., supply chain management.



Transition Definitions

The JCTD Transition Desk Reference defines transition as:

Program of Record (PoR): The JCTD capability is adopted by an existing PoR or results in the process to establish a new PoR. Additionally, other Service procurement efforts, such as using Service Table of Allowance (TOA), may be considered a transition in this category.

Fieldable Prototypes: JCTD fieldable prototype(s) are being used and sustained in theater and is meeting warfighter need

General Services Administration (GSA) Schedule: Some or all components of the completed JCTD are placed on a GSA Schedule, making it available for sale government-wide.



Explanation of Terms on Funding Summary Chart



Committed Partner Cash Contributions	These are funds that have been committed to the JCTD by someone in the organization authorized to commit funds for that organization. This commitment should be in writing.
Uncommitted Partner Cash Contributions	These are funds that have been identified by the organization that may be available to support the execution of the JCTD but have not yet been committed by the organization.
Stated JCTD Partner Cash Requirement	This is the total partner funding needed to execute the JCTD. It may or may not equal the partners committed and uncommitted cash contributions.
JCTD Program Funds	These are the funds that would be provided by the JCTD Program Office if the JCTD is approved. They are pending until JCTD approval.
Critical Non-Cash Resources	Critical Non-cash Resources (CNCR) should (1) directly support the execution of the JCTD (2) be in control and direction of the JCTD management team (3) be critical for the execution of the JCTD (JCTD couldn't be executed without the contribution). If one or more of these characteristics not present then a closer look is needed to determine if it is really a CNCR. Normally sunk costs or past expenditure should not be included as a CNCR contribution.
Committed Partner Critical Non-Cash Resources	These are non-cash resources that have been committed to the JCTD by someone in the organization authorized to commit resources for that organization. This commitment should be in writing.
Uncommitted Partner Critical Non-Cash Resources	These are non-cash resources that are needed to execute the JCTD; have been identified by an organization as potentially available to support the execution of the JCTD but have not yet been committed by the organization.
Percentage of Partner Cash Committed	This equals the cash committed by the partners divided by the total of committed and uncommitted cash by the partners.
Percentage of Cash that is JCTD Program Funds	This equals the funds being provided by the JCTD Program Office divided by the total cash being committed by all partners to include the JCTD Program Office.



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Selection & Approval Consideration Technical Readiness



Technology Readiness – Proposal Selection	CNR/CDR
TRL 6-9	T1/Green
TRL 5	T2/Yellow
TRL 4	T3/Red
TRL 1-3	T4/Red

The color coding does not change for a “Traditional” or “High Risk” JCTD. However, TRL4 and yellow is expectable for a “High Risk” JCTD.



Selection & Approval Consideration Transition



Transition Commitment – JCTD Proposal Selection	CNB/CDB
Program/path and funding identified.	Green
Program/path identified and working with transition partner(s) to reach agreement on funding.	Yellow
Program /path has not been identified.	Red



Selection & Approval Consideration Management



During the CNR/CDR Review:

Green – COCOM sponsor, Technical Manager (TM), Operational Manager (OM), and Transition Manager (XM) organizations identified and committed to executing program.

Yellow – All key participant organizations identified. However, one or two of the COCOM sponsor, TM, OM, XM organizations not fully committed to supporting the execution of the JCTD.

Red – Of COCOM sponsor, TM, OM, and XM more than two have not been identified or are not fully committed to supporting the execution of the JCTD.



Selection & Approval Consideration Funding



Two Independent Considerations:

Green	100% of all non-JCTD Program cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents.	At least 50% of cash is from non- JCTD Program funds.
Yellow	60%-99% of all non-JCTD Program cash resources are committed by headquarters Service reps and/or Flag/SES or equivalents.	Between 25% and 49% of cash is from non-JCTD Program funds.
Red	Less than 60% of all non-JCTD Program cash resources are committed by Headquarters Service reps and/or Flag/SES or equivalents .	Less than 25% of cash is from non- JCTD Program funds.

Note: Either consideration can make it green, yellow or red.



Selection & Approval Consideration Schedule



Color	Duration of JCTD	Schedule Risk
Green	A - Project execution is anticipated to be 36 months or less from receipt of first RF funds or end of Congressional Notification period if no JCTD Program funds planned for first year.	1- Low.
Yellow	B - Project execution is anticipated to be between 36+ to 48 months from receipt of first RF funds or end of Congressional Notification period if no JCTD Program funds planned for the first year.	2- Medium
Red	C - Project execution is anticipated to be over 48 months from receipt of first RF funds or end of Congressional Notification period if no JCTD Program funds planned for the first year.	3 - High.

