

Exhibit R-2, RDT&E Budget Item Justification						Date: February 2004	
Appropriation/Budget Activity RDT&E Defense-Wide, BA 6				R-1 Item Nomenclature: Support to Networks and Information Integration PE 0605170D8Z			
Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost			11.490	11.541	11.760	11.892	12.179
<p>A. Mission Description and Budget Item Justification: This program element supports studies in the areas of networks, information integration, defense-wide command and control (C2), and communications. This program is funded under Budget Activity 6, RDT&E Management Support because it includes studies and analysis in support of RDT&E efforts.</p> <p><u>Program Accomplishments and Plans:</u></p> <p>FY 2003 Accomplishments: (N/A)</p> <p>FY 2004 Plans: (N/A)</p> <p>FY 2005 Plans: (\$11.490 million)</p> <ul style="list-style-type: none"> • Continue efforts to research the nature of networked organizations and the implications for command and control, military operations, and organizations. • Continue to work with the DoD community and international partners to improve the understanding of Information Age command and control related concepts, technologies, and experiments. • Conduct workshops to explore command and control related issues. • Continue publications and outreach programs. • Continue to enhance functionality of the Information Technology Management application. • Continue Senior Leadership Communications System (SLCS) efforts: monitor and oversight of SLCS assets, liaison to White House for SLCS assets • Continue NII COOP/COG/ECG efforts: develop plans and procedures for COOP/COG/ECG within NII, support NII/C2P interfaces with the Defense Continuity Program Office (DCPO) and working groups. • Continue Unified Command Structure (UCS) development, establish program office, establish budgetary lines, and develop architectures. 							

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- Continue NPR Implementation: track C4ISR/NPR * ETE implementation, participate in SCA assessments, oversight of nuclear C2 assets and systems.
- Continue C2 Policy/Governance, C2 Roadmap and directives development (DoDD 5100.44 – Master Plan for National Military Command System (NMCS), DODD 5100.3 UCS policy, DODD 5210.81 – track NSPD 281 implementation)
- Continue to define/develop relationships between the Global Command System, Theater/Tactical Command System, Joint Battle Management Command and Control, and Joint Command and Control.
- Plan for forum to host discussions on nuclear thin-line by Blue-ribbon panel.
- Continue analytic research support for DoD National C2 Policy issues including Information Operations (IO), Information Security (IS) programs, Missile Defense C2, Offensive Defensive integration.
- Investigate tactical and Joint Task Force C2 policies, ongoing development and production programs, ACTDs and experimental programs for applicability to national programs.
- Analyze the use of Common Relevant Operational Pictures applicability across mission areas, upward for use by national and senior leaders including the President, in all contingency situations from dispersed locations.

CISA

- Complete Net Centric Operations and Warfare (NCOW) Reference Model (RM) v3.0 (an expanded version, building on version 2.0).
- Implement the NCOW RM Compliance Analysis program under the GIG, and across unified commands.
- Complete GIG 3.0 Enterprise Architecture.
- Integrate Joint Operational Architecture with GIG linking functional (logistics, health affairs, etc) and warfighting architectures.
- Expand Homeland Defense architectures integrated with other federal agencies.
- Integrate architectures for strategic applications of space-based capabilities.
- Automate architecture design and integration processes, producing executable architectures at unified commands.
- Develop enterprise architectures that reflect trans-AOR network centric operations.
- Use ETTP for the execution of AGILE RESPONSE 05.
- Use the Command Enterprise Communications Architecture (CECA) to completely document the Command's end-to-end C2 information flow and as a routine tool to model the Command's on-going transformation efforts.

JCAPS

- Enhance the functional Architecture Tool Kit with multiple types of applications (requirements, budget, modeling and simulation, interoperability, etc.)

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- Complete data repository with fully functional knowledge portal.
- Continue to expand DoD-wide training program.
- Implement executable architectures from validated authoritative architectures.

B. Program Change Summary: (Show total funding, schedule, and technical changes for the program element that have occurred since the previous President's Budget Submission)

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Previous President's Budget			-
Current BES/President's Budget			11.490
Total Adjustments			11.490
Congressional program reductions			
Congressional rescissions			
Congressional increases			
Reprogrammings			11.490
SBIR/STTR Transfer			
DERF Adds			

Program Change Summary:

FY 2005: Funding transferred from PE 0605116D8Z to implement restructuring of Defense Intelligence – 11.490 million.

C. Other Program Funding Summary: N/A

D. Acquisition Strategy. N/A