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Exhibit R-2, RDT&E Budget Item Justification				Date: May 2009				
Appropriation/Budget Activity RDT&E, Defense-Wide/07				R-1 Item Nomenclature: Joint/Allied Coalition Information Sharing/PE 0301144K				
Cost (\$ in millions)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Multinational Information Sharing (MNIS)/NND	21.392	19.021	10.767					

A. Mission Description and Budget Item Justification: The Multinational Information Sharing (MNIS) program will improve sharing operational and intelligence information with multinational partners building on the current capabilities in the following systems: Combined Enterprise Regional Information Exchange System (CENTRIXS); Griffin; and the Combined Federated Battle Lab Network (CFBLNet).

In FY 2010, RDT&E funding will support the continued design, integration and testing of the CENTRIXS Combined Enclave Requirement (CCER), a pre-planned product improvement to CENTRIXS intended to satisfy combatant command (COCOM) coalition information sharing requirements while reducing infrastructure footprint and sustainment costs. CCER will leverage available technologies and capabilities to satisfy validated requirements. The objective CCER will be a global Secret Releasable environment, centrally managed, delivering enterprise services and access to centrally stored data to authorized coalition users. CCER will converge multiple secret coalition networks into a single environment and infrastructure. Functional and security requirements, representing the collaborative MNIS single vision of future multinational information sharing capabilities, were defined and documented by the Joint Staff J6, approved by the Net-Centric Functional Capabilities Board (NC FCB), and have been distributed to the COCOMs. CCER Phase I (FY 2009-FY 2010) will collapse the two largest CENTRIXS networks, Global Counter Terrorism Forces (GCTF) and Multinational Coalition Forces Iraq (MCFI), beginning with Communities Of Interest (COI) separation in early releases via Virtual Private Networks (VPN) using the SIPRNet as a common foundational network infrastructure and shared services where feasible, followed by data/storage separation in later releases as labeling and tagging technologies mature. Subsequent phases will enable future consolidation of additional networks once the Information Assurance and monitoring technologies and processes prove sufficiently mature to maintain the required protection of information and data. We will also build out a lab environment at the Joint Interoperability Test Command (JITC) to test the CCER Release versions that support the collapsing of networks and the convergence of data from those networks.

In addition, RDT&E funds will be used to accomplish the necessary security, interoperability and certification testing of new Joint Staff-validated CENTRIXS capabilities for the non-CCER CENTRIXS networks that DISA supports (e.g., providing non-maritime, off-island/off-peninsula centralized services for the CENTRIXS Four Eyes, CENTRIXS-Japan and CENTRIXS-Korea networks). RDT&E funding will be used for the Information Assurance Computing Network Defense (IA/CND), VPN and PKI testing also required prior to the fielding of CCER. RDT&E funding will support the proof of concept deployment of the VPN foundational network infrastructure Global IP Transport enabling access to consolidated services within the networked converged CCER environment.

In FY 2010, Griffin will continue to improve architectural design and support the integration and testing of several new

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US capabilities for the exchange of strategic and theater level information sharing between the national C2 networks of the Combined Communications-Electronics Board (CCEB) nations. The Improved Connectivity Initiative (ICI) is a 5-phase effort to transition the high assurance guard-based interfaces to COTS security appliances. Transitioning to COTS-based interfaces will enable the rapid introduction of a richer set of services among the CCEB nations as current high assurance guard products only satisfy a small number of the overall information sharing requirements. Initial efforts are focused on email services with Australia and will expand to other services and CCEB nations as the proof of concept is achieved. In FY 2009 and FY 2010, additional services will be provided using CDS and COTS security appliances as appropriate. Chat, web browsing, and file publishing are projected for implementation and deployment within the U.S. Griffin community.

CFBLNet is a Research, Develop, Trials and Assessment (RDT&A) environment between CCEB Nations and NATO. It supports a wide range of R&D, interoperability and collaboration initiatives to improve coalition information exchange capabilities; and, technology refresh and experimentation with emerging capabilities to identify deficiencies and practical solutions in existing applications, systems or equipment. CFBLNet initiatives also support the development and refinement of tactics, techniques and procedures prior to operational deployment. Key initiatives support Intelligence, Surveillance and Reconnaissance (ISR), missile defense, and NATO force interoperability testing. RDT&E funding supports the US Secretariat which include overall network management and CFBLNet security compliance procedures plus MNIS PMO participation in initiatives that support pre-deployment integration and testing of CENTRIXS, CCER, Griffin and ICI capabilities with key mission partners in an operationally realistic coalition information sharing environment.

B. Accomplishments/Planned Program:

	FY 2008	FY 2009	FY 2010
Subtotal cost	21.392	19.021	10.767

FY 2008:

- CCER Technical Advisory Group (CTAG)
- CCER Program Implementation Plan signed
- CWID CCER Trials/Results (promising COTS solutions identified for further testing and validation)

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-MNIS Cross Command CONOPS / Migration Plan
 -System Technology Evolution Plan (STEP) Analysis v1.0 and final review

FY 2009 - FY 2010:**CCER/CENTRIXS**

-Engineer and install supporting VPN infrastructure for GCTF and MCFI convergence
 -Establish CCER at DECCs
 -Collapse GCTF & MCFI Networks to CCER
 -Mature role-based access
 -Commence leveraging core enterprise, C2 & DISN Services

Griffin

-Support Web Services for all CCEB Nations Extend Chat Services to all CCEB Nations
 -The Improved Connectivity Initiative is a five-phase effort to transition the high assurance guard-based interfaces to COTS security appliances

CFBLNet

-Conduct CWID 10 Exercises / EMPIRE CHALLENGE 10 Exercise
 -Key initiatives will support Intelligence, Surveillance, and Reconnaissance, missile defense, and NATO force interoperability testing

B. Program Change Summary:

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
FY 2009 President's Budget	25.818	19.073	22.164
FY 2010 Budget Estimate	21.392	19.021	10.767
Total Adjustments	-4.426	-0.052	-11.397

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Change Summary Explanation: FY 2008 program change due to program offset for CENTRIX Combined Enclave Requirements (CCER). FY 2009 reflects reductions of -\$0.052 million for Economic Assumptions. FY 2010 reductions are due to a realignment of funding to SOUTHCOM to support the executability of the CENTRIX and CCER programs and to mission critical requirements within the Agency.

C. Other Program Funding Summary:

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	To Complete	Total Cost
O&M,DW	33.092	39.870	44.136						Cont'g	Cont'g
Procurement, DW	5.030	0.000	10.993						Cont'g	Cont'g

D. Acquisition Strategy:

MNIS uses the expertise of contractors that can satisfy cost, schedule and performance objectives. Firm, Fixed Price, performance-based contracts are used to the maximum extent feasible. Cost reimbursable contracts are also used due to the complexity and/or uncertainties involved in meeting the emerging requirements of our operational systems. MNIS maximizes the use of competitive awards.

E. Performance Metrics:

FY 2009 - Integration test for CCER Release 1.0 capability; initial Joint Staff validated Griffin / Improved Connectivity Initiative (ICI) capability; perform CFBLNet Secretariat duties.

FY 2010 - Integration test for CCER Release 1.1 capability and Joint Staff validated Griffin / Improved Connectivity Initiative (ICI) capability; perform CFBLNet Secretariat duties.

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Exhibit R-3 RDT&E Project Cost Analysis											Date: May 2009			
Appropriation/Budget Activity RDT&E, Defense-Wide/07				Program Element PE 0301144K							Project Name and Number Multinational Information Sharing (MNIS)/NND			
Cost Category	Contract Method & Type	Performing Activity & Location	Total PY Cost (\$000)	FY08 Cost (\$000)	FY08 Award Date	FY09 Cost (\$000)	FY09 Award Date	FY10 Cost (\$000)	FY10 Award Date	FY11 Cost (\$000)	FY11 Award Date	Cost To Complete (\$000)	Total Cost (\$000)	Target Value of Contract
<u>Product Development</u>		Harris, Alexandria, VA		6.885	02/08	3.316	02/09	3.000	02/10			Cont'g	Cont'g	16.707
Cross Domain Chat - development & tech services	T&M													
Cross Domain Solutions - operational capabilities support	CPFF	HAI, Arlington, VA		2.530	05/08	2.770	05/09	1.500	05/10			Cont'g	Cont'g	7.745
Test & Integration				1.800	10/07	1.700	10/08	1.560	10/09			Cont'g	Cont'g	6.670
Coalition Lab T&E, IAVA STIG	MIPR	JITC										Cont'g	Cont'g	
Support Costs CLASSIFIED	MIPR	TBD		4.265	12/07	6.804	12/08	0.000	N/A			Cont'g	Cont'g	11.069
Federally Funded Research Develop Center (FFRDC)	CPFF	Mitre, Arlington, VA		2.564	10/07	1.683	10/08	1.835	10/09			Cont'g	Cont'g	7.982
SPAWAR	CPFF	TBD		0.750	07/08	1.648	10/08	2.372	10/09			Cont'g	Cont'g	5.780
Program support	T&M	Ingenium, Upper Marlboro, MD		0.200	12/07	0.300	09/08	0.500	09/09			Cont'g	Cont'g	1.600
Engineering Support	CPFF	HAI, Arlington, VA		2.398	01/08	0.800	10/08	N/A	N/A					3.198
Total				21.392		19.021		10.767						60.751

R-1 Line Item No. 180

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Exhibit R-4, RDT&E Program Schedule Profile																	Date: May 2009															
Appropriation/Budget Activity RDT&E, Defense-Wide/07								Program Element Number and Name PE 0301144K, Joint/Allied Coalition Information										Project Number and Name NND, Multinational Information Sharing (MNIS)														
Fiscal Year	FY 2008				FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Multinational Information Sharing (MNIS) - Current Systems Capability	△	△	△	△	△	△	△	△	△	△	△	△																				
Griffin CDS CDCIE			△	△																												
SOCM				△	△																											
CCER					△					△	△	△	△																			
Security/C&A DECC-C	△	△	△	△	△	△	△	△	△	△	△	△																				
DECC-P	△	△	△	△	△	△	△	△	△	△	△	△																				
CFLBNet CWID			△				△				△																					
Empire Challenge				△				△				△																				

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Exhibit R-4a, RDT&E Program Schedule Detail		Date: May 2009							
Appropriation/Budget Activity	Program Element Number and Name	Project Number and Name							
RDT&E, Defense-Wide/07	PE 0301144K/Joint/Allied Coalition Information Sharing	NND/Multinational Information Sharing (MNIS)							
<u>Schedule Profile</u>		<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>
MULTINATIONAL INFORMATION SHARING (MNIS) - Current Systems Capability		1Q-4Q	1Q-4Q	1Q-4Q					
Griffin CDS									
CDCIE		4Q							
SOCM		4Q	1Q						
CCER			1Q	1Q-4Q					
Security/C&A									
DECC-C		1Q-4Q	1Q-4Q	1Q-4Q					
DECC-P		1Q-4Q	1Q-4Q	1Q-4Q					
CFBLNet									
CWID		3Q	3Q	3Q					
Empire Challenge		4Q	4Q	4Q					