Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Defense Information Systems Agency										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*						R-1 ITEM NOMENCLATURE PE 0301144K: *Joint/Allied Coalition Information Sharing*					

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	7.677	6.222	6.214	-	6.214	8.223	5.585	5.596	5.668	Continuing	Continuing
NND: *Multinational Information sharing*	7.677	6.222	6.214	-	6.214	8.223	5.585	5.596	5.668	Continuing	Continuing

A. Mission Description and Budget Item Justification

Through the Combined Enterprise Regional Information Exchange System (CENTRIXS) and Pegasus (formally GRIFFIN), the Multinational Information Sharing (MNIS) Program enables secure sharing of operational and intelligence information and enhances collaboration amongst United States forces, their most trusted allies and additional multinational partners in the ongoing war. This effort also increases overall combat effectiveness by leveraging capabilities and information from all partners and reducing the possibility of fratricide. These coalition information sharing systems are in direct support of the Department of Defense's (DoD's) strategic goals to "Win our Nation's Wars" and "Deter conflict and promote security". In addition, they are aligned with DISA's strategy to "accelerate operational effectiveness and efficiency" and "enable sharing of information while staunchly defending it." The MNIS program currently supports five Combatant Commands (COCOMs) with connectivity in 89 nations and North America Treaty Organization (NATO), 11 Bilateral agreements and 150 sites with in excess of 80,000 users worldwide. The MNIS also evaluates new technologies and develops tactics, techniques and procedures that facilitate the transition of technologies and capabilities into operational multinational information sharing capability enhancements. This is accomplished through the Combined Federated Battle laboratory Network (CFBLNet) and is in direct support of both CENTRIXS and Pegasus.

As a planned improvement to the CENTRIXS coalition network, Common Mission Network Transport (CMNT) will provide a distinct and permanent CMNT backbone capabilities; thus enabling NETOPS centers to manage individual networks more efficiently. CMNT provides a common transport for encrypted traffic to meet mission partner communication requirements and establishes a "black core capable" network to facilitate the movement of Virtual Private Network traffic between segments. This capability supports DoD instruction 8110.1 guidance of integrating CENTRIXS and other operational networks into existing DoD general service communications infrastructure as a separate network servicing all DoD MNIS requirements.

The MNIS emerging capability, Unclassified Information Sharing (UISS), extends U.S. information sharing capabilities to its Mission Partners (MPs) and beyond, providing an efficient, effective, enterprise-level solutions that allows Combatant Commands to share unclassified information with other U.S. Government (USG) agencies, host nations (HNs), intergovernmental organizations (IGOs), nongovernmental organizations, and other non traditional partners. The employment concept for the UISS capability is to implement an Internet-based capability (IBC) approach in making its capability available to as broad a community as needed to support Combatant Command mission operations. The UISS Capability will enable multi-lateral exchanges of tangible and intangible value and ad-hoc communications through shared communities of interest and issue-specific groups among and across organizations and individuals using a Web-based, "non-mil", information sharing and collaboration tool that may be accessed anytime, from anywhere, by any user with an Internet connection, and including web-enabled mobile personal devices.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2013 Defense Information Systems Agency				**DATE:** February 2012	
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B. Program Change Summary ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**
Previous President's Budget	9.379	7.093	6.159	-	6.159
Current President's Budget	7.677	6.222	6.214	-	6.214
Total Adjustments	-1.702	-0.871	0.055	-	0.055
• Congressional General Reductions	-	-0.871			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-1.702	-	0.055	-	0.055

Change Summary Explanation

The FY 2011 decrease of -$1.702 supported higher Agency priorities.

The FY 2012 decrease of -$0.871 is due to the FFRDC reduction.

The FY 2013 increase of $0.055 is due to inflationary adjustments.

PE 0301144K: *Joint/Allied Coalition Information Sharing*
Defense Information Systems Agency

Exhibit R-2A, RDT&E Project Justification: PB 2013 Defense Information Systems Agency									DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*				**R-1 ITEM NOMENCLATURE** PE 0301144K: *Joint/Allied Coalition Information Sharing*				**PROJECT** NND: *Multinational Information sharing*		

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
NND: *Multinational Information sharing*	7.677	6.222	6.214	-	6.214	8.223	5.585	5.596	5.668	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Multinational Information Sharing (MNIS) Program is a portfolio of four coalition information sharing capabilities designed to enable and improve sharing of operational and intelligence information among U.S. forces and our multinational partners.

-First, Combined Enterprise Regional Information Exchange System (CENTRIXS), supports intelligence and classified operations and information exchange and sharing at the Secret Releasable (REL) level. There are multiple, cryptographically-isolated CENTRIXS enclaves serving various communities of interest (COI) that support multinational efforts to include the Overseas Contingency Operations (OCO) and counter-narcotics operations. CENTRIXS is regionally focused and combatant command (COCOM) centric. The MNIS Program Management Office (PMO) provides selected centralized services from two Defense Enterprise Computing Centers (DECCs) for five of the 40+ CENTRIXS networks/ COIs, and engineering support for standardized solutions. The DISA Campaign plan requires cross enclave and cross domain sharing environments that exploit enterprise and web based service capabilities by the end of Fiscal Year (FY) 2014. CENTRIXS does not offer the type and level of functionality required to support cross-COI mission requirements. The CENTRIXS enhancement, Common Mission Network Transport (CMNT), provides a common transport for encrypted traffic to meet mission partner communication requirements and establishe a "black core capable" network to facilitate the movement of Virtual Private Network traffic between segments. This capability supports DoD instruction 8110.1 guidance of integrating CENTRIXS and other operational networks into existing DoD general service communications infrastructure as a separate network servicing all DoD MNIS requirements.

-Second, Pegasus, (formerly GRIFFIN)/Improved Connectivity Initiative (ICI), interconnects the national Command and Control (C2) systems of Combined Communications Electronics Board (CCEB) Nations, (to include Australia, Canada, New Zealand, United Kingdom and the United States), using Commercial Off The Shelf (COTS) security appliances and Cross Domain Solutions (CDS) that enable information sharing to facilitate situational awareness and operational planning/ execution. Pegasus has a strategic focus and is member nation centric. The name GRIFFIN/ICI changed to Pegasus in June 2010.

-Third, the Combined Federated Battle Laboratory Network (CFBLNet) provides a controlled coalition Research, Development, Trials and Assessment (RDT&A) coalition information sharing "sandbox" for the United States, CCEB Nations, NATO, and invited nations. This sandbox is used to evaluate new technologies and to develop tactics, techniques and procedures that facilitate the transition of promising technologies and capabilities into operational multinational information sharing capability enhancements. Its direct customers are the CCEB nations' military operational and intelligence entities led by their US counterparts at the Combatant Command and Agency levels. It is being used for the Coalition Warrior Interoperability Demonstrations, NATO missile defense initiatives, and by the Intelligence, Surveillance and Reconnaissance (ISR) community to test their capabilities prior to deployment.

Exhibit R-2A, **RDT&E Project Justification:** PB 2013 Defense Information Systems Agency		**DATE:** February 2012
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-Fourth, the Unclassified Information Sharing (UISS), extends U.S. information sharing capabilities to its Mission Partners (MPs) and beyond, providing an efficient, effective, enterprise-level solutions that allows Combatant Commands to share unclassified information with other U.S. Government (USG) agencies, host nations (HNs), intergovernmental organizations (IGOs), nongovernmental organizations, and other non traditional partners.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013 Base**	**FY 2013 OCO**	**FY 2013 Total**
Title: Multinational Information Sharing	7.677	6.222	6.214	-	6.214

Description: Through the Combined Enterprise Regional Information Exchange System (CENTRIXS) and Pegasus (formally GRIFFIN), the Multinational Information Sharing (MNIS) Program enables secure sharing of operational and intelligence information and enhances collaboration amongst United States forces, their most trusted allies and additional multinational partners in the ongoing war. A new capability to support enhancements for the Unclassified Information Sharing-All Partners Acess (UISS-APAN) starts in FY 2012. UISS-APAN migrates existing systems supporting coalition sharing to an enterprise solution hosted on a DISA Defense Enterprise Computing Center. UISS-APAN capability will satisfy Combatant Commands need for tools and technology to support collaboration with non-traditional partners for humanitarian missions.

FY 2011 Accomplishments:
CENTRIXS CMNT: Began incremental initial testing and integration for CMNT capabilities.

Pegasus/ICI: Supported testing, certification and accreditation of Web Services for all CCEB Nations. Extended file publishing to 2 CCEB Nations. Extended Chat Services between United States and remaining CCEB Nations. Converged CENTRIXS Coalition Four Eyes into the ICI with initial email and web services capabilities.

CFBLNet: Conducted USJFCOM-led CWID 11 Exercises/EMPIRE CHALLENGE 11/12 Exercises to support Intelligence, Surveillance, and Reconnaissance, missile defense, and NATO force interoperability testing. Continued to evaluate emerging capabilities and technologies supportive of coalition information sharing needs.

FY 2012 Plans:
CENTRIXS CMNT: Initial Implementation of CMNT capabilities, establish a business model for use of the CMNT across coalition networks.

Pegasus/ICI: Support testing, certification and accreditation of Web Services for all CCEB Nations. Complete file publishing to all CCEB Nations.

CFBLNet: Conduct EMPIRE CHALLENGE 11/12 Exercises to support Intelligence, Surveillance, and Reconnaissance, missile defense, and NATO force interoperability testing. Continue to evaluate emerging

Exhibit R-2A, RDT&E Project Justification: PB 2013 Defense Information Systems Agency		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0301144K: *Joint/Allied Coalition Information Sharing*	PROJECT NND: *Multinational Information sharing*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
capabilities and technologies supportive of coalition information sharing needs. Link the Coalition Warfare Development Facility at China Lake, CA to the Maritime Integration and Support Centre at Portsdown West GBR. This connection will facilitate collaborative planning and the exchange of information for Joint Strike Fighter (JSF) Mission Planning and other applications. UISS-APAN: Complete Initial Operation Capability by 4Q FY 2012. Complete standup and the transition of users to UISS-APAN enterprise from their current stove-pipe systems and complete System Integration Testing. The decrease of -$1.455 million from FY 2011 to FY 2012 transitions CCER Phase I to sustainment. *FY 2013 Base Plans:* CENTRIXS CMNT: Deployment of CMNT Pegasus/ICI: Continue to improve Pegasus E-mail with all CCEB Nations. Continue to expand and enhance chat services to all CCEB Nations. CFBLNet: Continue to evaluate emerging capabilities and technologies supportive of coalition information sharing needs. Continue to define, create and test a simultaneous distributed Synthetic Environment capability for American, British, Canadian, and Australian exercises to identify operational gaps and ways to decrease or eliminate those gaps. UISS-APAN: Design and develop an implementation strategy for Continuity of Operations (COOP) support. Design and develop capability improvements to increase user capacity. The decrease of -$0.008 between FY 2012 and FY 2013 will reduce the testing baseline for CENTRIXS and CFBLNet.					
Accomplishments/Planned Programs Subtotals	7.677	6.222	6.214	-	6.214

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• O&M, DW/0301144K: *O&M, DW*	30.944	46.485	47.732	5.800	53.532	47.597	53.498	53.969	54.634	Continuing	Continuing

Exhibit R-2A, RDT&E Project Justification: PB 2013 Defense Information Systems Agency		DATE: February 2012
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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• Proc, DW/0301144K: *Proc, DW*	5.620	3.497	5.496		5.496	6.383	2.547	2.548	2.576	Continuing	Continuing

D. Acquisition Strategy

Performance-based contracts are primarily used for this support. MNIS maximizes the use of competitive awards and uses various contract types, employs large and small contractors, and is focused to achieve agency socio-economic goals and incorporate DoD acquisition reform initiatives. MNIS evaluates performance by conducting thorough Post-award Contract Reviews, monthly Contract Performance Reviews, and monthly In-Process Reviews.

E. Performance Metrics

Measure:
-Functional and/or Security Test & Evaluation test cases.

Performance Metric:
-System will provide for 99.99% data integrity for authorized users sharing information cross COI
-Maintain 99.99% Confidentiality for users, by Nation between COI's.
-Direct traffic with 99.99% accuracy for chat, email, VOIP, file transfer, data storage and web service.

Methodology:
-Assessment Plan
-Sample ≥ 10K transactions (Email, chat & file storage/transfer)
-Conduct selected ST&E test cases

Measure:
-Security

Performance Metric:
-Deny 98.5% of unauthorized user attempts

Methodology:
-Assessment Plan
-DISA Field Security Operations (FSO) will conduct penetration testing

Measure:

Exhibit R-2A, RDT&E Project Justification: PB 2013 Defense Information Systems Agency		DATE: February 2012
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-Security

Performance Metric:
-Audit log must capture 99.99% of any unauthorized user activity.

Methodology:
-Assessment Plan
-Conduct audit log reviews in conjunction
-FSO penetration tests.

Measure:
-Reliability

Performance Metric:
-98.9% availability of the DISA-managed infrastructure.
-Mean time to restore functionality <30 minutes.

Methodology:
-Assessment Plan
-Audit logs and Monitoring

Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Defense Information Systems Agency												DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*						**R-1 ITEM NOMENCLATURE** PE 0301144K: *Joint/Allied Coalition Information Sharing*						**PROJECT** NND: *Multinational Information sharing*		

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Cross Domain Chat - develop & tech svcs	C/CPFF	Harris Corporation:Alexandria VA	13.374	1.100	Feb 2012	1.300	Feb 2013	-		1.300	Continuing	Continuing	Continuing
Cross Domain Solutions – operational capabilities support	C/CPFF	HAI/Raytheon:Arlington VA	11.143	0.388	Feb 2012	0.400	Feb 2013	-		0.400	Continuing	Continuing	Continuing
Subtotal			24.517	1.488		1.700		-		1.700			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CLASSIFIED	MIPR	-:-	9.069	-		-		-		-	Continuing	Continuing	Continuing
Federally Funded Research Develop Center (FFRDC)	C/CPFF	MITRE:Arlington VA	5.861	1.467	Mar 2012	-		-		-	Continuing	Continuing	Continuing
Program support	C/CPFF	Ingenium and SAIC:Upper Marlboro MD and Washington D.C.	1.522	-		-		-		-	Continuing	Continuing	Continuing
Engineering Support	C/CPFF	Raytheon :Arlington VA	6.397	1.341	Feb 2012	0.650	Feb 2013	-		0.650	Continuing	Continuing	Continuing
DoD Services	MIPR	Various:Various	1.171	-		-		-		-	Continuing	Continuing	Continuing
Project Planning and Management	C/CPFF	Harris Corporation:Alexandria VA	-	-		2.864	Mar 2013	-		2.864	Continuing	Continuing	Continuing
Subtotal			24.020	2.808		3.514		-		3.514			

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012 Cost	FY 2012 Award Date	FY 2013 Base Cost	FY 2013 Base Award Date	FY 2013 OCO Cost	FY 2013 OCO Award Date	FY 2013 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Coalition Lab T&E, IAVA STIG	MIPR	JITC:Fort Meade MD	7.911	1.926	Feb 2012	1.000	Dec 2012	-		1.000	Continuing	Continuing	Continuing

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2013 Defense Information Systems Agency | **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	PE 0301144K: *Joint/Allied Coalition Information Sharing*	NND: *Multinational Information sharing*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Subtotal			7.911	1.926		1.000		-		1.000			

			Total Prior Years Cost	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			56.448	6.222	6.214	-	6.214			

Remarks

UNCLASSIFIED

Exhibit R-4, **RDT&E Schedule Profile:** PB 2013 Defense Information Systems Agency		**DATE:** February 2012
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0301144K: *Joint/Allied Coalition Information Sharing*	**PROJECT** NND: *Multinational Information sharing*

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	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																												
CENTRIXS Capability																												
CMNT																												
JITC Testing Security/C&A																												
CFBLNet																												
UIS																												

Exhibit R-4A, **RDT&E Schedule Details:** PB 2013 Defense Information Systems Agency		**DATE:** February 2012
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0301144K: *Joint/Allied Coalition Information Sharing*	**PROJECT** NND: *Multinational Information sharing*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
MULTINATIONAL INFORMATION SHARING (MNIS) – Current Systems				
CENTRIXS Capability	1	2011	4	2017
CMNT	4	2011	4	2014
JITC Testing Security/C&A	1	2011	4	2017
CFBLNet	1	2011	4	2017
UIS	2	2012	4	2017

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