Exhibit R-2, **RDT&E Budget Item Justification:** PB 2014 Defense Information Systems Agency											**DATE:** April 2013	
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)	**All Prior Years**	**FY 2012**	**FY 2013**#	**FY 2014 Base**	**FY 2014 OCO**##	**FY 2014 Total**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**Cost To Complete**	**Total Cost**
Total Program Element	56.448	6.766	6.214	6.524	-	6.524	3.931	3.938	4.005	4.067	Continuing	Continuing
NND: *Multinational Information sharing*	56.448	6.766	6.214	6.524	-	6.524	3.931	3.938	4.005	4.067	Continuing	Continuing

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

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 between United States forces, trusted allies and other multinational partners. 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". The MNIS program supports five Combatant Commands (COCOMs) with connectivity in 89 nations, the North America Treaty Organization, 11 Bilateral agreements and 150 sites with over 80,000 users worldwide. MNIS also evaluates new technologies and develops tactics, techniques and procedures to facilitate the integration of emerging technologies and capabilities into operational multinational information sharing capability. The integration of new technology for CENTRIXS and Pegasus is accomplished through research, integration, and testing using the Combined Federated Battle Laboratory Network.

A planned improvement to the CENTRIXS coalition network, Common Mission Network Transport (CMNT), will provide distinct and permanent transport capabilities; enabling network operation centers to priority command and control information more efficiently. CMNT supports DoD instruction 8110.1 guidance for integrating CENTRIXS and other operational networks into existing DoD general service communications infrastructure as a separate network servicing all DoD MNIS requirements. This capability provides a common transport for encrypted traffic. CMNT will be the established encrypted network to facilitate the movement of virtual private network traffic between segments.

The MNIS emerging capability, Unclassified Information Sharing Services (UISS), extends US information sharing capabilities to mission partners providing enterprise-level solutions that allow COCOMs to share unclassified information with US Government agencies and non-traditional partners such as, host nations, intergovernmental organizations, and nongovernmental organizations. The employment concept for the UISS is to implement enterprise Web-based, "non-mil" platform, available to as broad a community as needed to support mission operations, with worldwide, 24 hour-a-day, seven day-a-week access, to any user with an Internet connection, including web-enabled mobile personal devices. Using an Internet-based capability and an integrated suite of commercial-off-the-shelf collaboration tools the UISS capability will enable unclassified information exchanges and ad-hoc communications for shared communities of interest and issue-specific groups among and across organizations and individuals.

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Defense Information Systems Agency				DATE: April 2013	
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*		
B. Program Change Summary ($ in Millions)	**FY 2012**	**FY 2013**	**FY 2014 Base**	**FY 2014 OCO**	**FY 2014 Total**
Previous President's Budget	6.222	6.214	8.223	-	8.223
Current President's Budget	6.766	6.214	6.524	-	6.524
Total Adjustments	0.544	0.000	-1.699	-	-1.699
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	0.544	-	-1.699	-	-1.699

Change Summary Explanation

The FY 2012 increase of +$0.544 supported research, initial planning and analysis for the UISS enterprise cloud capabilities for over 35,000 users worldwide. Research and analysis was conducted for Unclassified Information Sharing Service Information Assurance architecture to support initial accreditation and testing for Initial Operational Capability.

The FY 2014 decrease of -$1.699 is due to realignments within the DISA Command and Control (C2) Portfolio to other higher priority C2 operational requirements.

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Defense Information Systems Agency		**DATE:** April 2013
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)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
NND: *Multinational Information sharing*	56.448	6.766	6.214	6.524	-	6.524	3.931	3.938	4.005	4.067	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

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 US forces and multinational partners.

1) Combined Enterprise Regional Information Exchange System (CENTRIXS), supports intelligence and classified operations at the Secret Releasable level. There are multiple, cryptographically-isolated CENTRIXS enclaves serving various communities of interest (COI) that support multinational efforts including Overseas Contingency Operations and counter-narcotics operations. CENTRIXS is regionally focused and combatant command (COCOM) centric. The MNIS Program Management Office provides selected centralized services from two Defense Enterprise Computing Centers for five of the 40+ CENTRIXS networks/COIs, and engineering support for standardized solutions.

2) Pegasus, (formerly GRIFFIN)/Improved Connectivity Initiative (ICI), connects the national Command and Control (C2) systems of Combined Communications Electronics Board (CCEB) Nations including Australia, Canada, New Zealand, United Kingdom and the United States, using commercial-off-the-shelf security appliances and cross domain solutions that facilitate situational awareness and operational planning/execution. Pegasus has a strategic focus and is member nation centric.

3) The Combined Federated Battle Laboratory Network (CFBLNet) provides a controlled coalition Research, Development, Trials and Assessment coalition information sharing "sandbox" for the US, CCEB Nations, North Atlantic Treaty Organization (NATO), and other mission essential 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. CFBLNet's direct customers are the CCEB nations' military operational and intelligence entities led by their US counterparts at the COCOM and Agency levels. It is being used for the Coalition Warrior Interoperability Demonstrations, NATO missile defense initiatives, and by the Intelligence, Surveillance and Reconnaissance community to test capabilities prior to deployment.

4) The Unclassified Information Sharing Service (UISS), extends US information sharing capabilities to mission partners , enterprise-level solutions that allow COCOMs to share unclassified information with other US Government agencies, host nations, inter-governmental organizations, non-governmental organizations, and other partners.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency		DATE: April 2013
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 2012	FY 2013	FY 2014
Title: Multinational Information Sharing	6.766	6.214	6.524

Description: Through the CENTRIXS and Pegasus (formally GRIFFIN), the MNIS Program enables secure sharing of operational and intelligence information and enhances collaboration among US forces, most trusted allies and additional multinational partners. Initiated a capability to support enhancements for the UISS-All Partners Acess (APAN). 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 COCOM needs for tools and technology to support collaboration with non-traditional partners for humanitarian missions.

FY 2012 Accomplishments:
CENTRIXS CMNT: Initial implementation of CMNT capabilities and established a business model for use of the CMNT across coalition networks.

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

CFBLNet: Conducted 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. Linked the Coalition Warfare Development Facility at China Lake, CA to the Maritime Integration and Support Centre at Portsdown West GBR. This connection facilitates collaborative planning and the exchange of information for Joint Strike Fighter Mission Planning and other applications.

UISS-APAN: Completed Initial Operation Capability, the standup and the transition of users to UISS-APAN enterprise from their current stove-pipe systems and System Integration Testing.

FY 2013 Plans:
CENTRIXS CMNT: Deploy CMNT

Pegasus/ICI: Continue to improve Pegasus E-mail with all CCEB Nations and 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.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency		DATE: April 2013
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 2012	FY 2013	FY 2014
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 -$0.552 from FY 2012 to FY 2013 is due to reduced requirements for integration and testing configurations for CMNT capabilities due to Phase 1 implementations and completing site installation in FY 2012. *FY 2014 Plans:* CENTRIXS CMNT: Will enhance CMNT capabilities based on user experiences and changing operational needs. Pegasus/ICI: Will continue to improve Pegasus E-mail with all CCEB Nations and to expand and enhance chat services to all CCEB Nations. CFBLNet: Will continue to evaluate emerging capabilities and technologies supportive of coalition information sharing needs. Will 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: Will continue to design and develop capability improvements to increase user capacity. The increase +$0.310 from FY 2013 to FY 2014 will support UISS systems engineering, testing, and integration for enterprise cloud computing and hosting capabilities.			
Accomplishments/Planned Programs Subtotals	6.766	6.214	6.524

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• O&M, DW/0301144K: *O&M, DW*	46.038	53.532	47.724		47.724	53.096	53.438	54.600	54.896	Continuing	Continuing
• Proc, DW/0301144K: *Proc, DW*	3.348	5.496	5.083		5.083	1.247	1.248	1.276	1.296	Continuing	Continuing

Remarks

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.

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Defense Information Systems Agency		**DATE:** April 2013
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*

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 will conduct penetration testing

Measure:
-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.

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Defense Information Systems Agency		**DATE:** April 2013
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*

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 2014 Defense Information Systems Agency		**DATE:** April 2013
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	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 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	1.225	Feb 2012	1.300	Feb 2013	1.400	Feb 2014	-		1.400	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	0.450	Feb 2014	-		0.450	Continuing	Continuing	Continuing
Subtotal			24.517	1.613		1.700		1.850		0.000		1.850			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 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	1.561	Feb 2012	0.650	Feb 2013	0.775	Feb 2014	-		0.775	Continuing	Continuing	Continuing
DoD Services	MIPR	Various:Various	1.171	0.350		-		-		-		-	Continuing	Continuing	Continuing
Project Planning and Management	C/CPFF	Harris Corporation:Alexandria VA	-	-		2.864	Mar 2013	3.233	Mar 2014	-		3.233	Continuing	Continuing	Continuing
Subtotal			24.020	3.378		3.514		4.008		0.000		4.008			

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2014 Defense Information Systems Agency | | **DATE:** April 2013

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*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Coalition Lab T&E, IAVA STIG	MIPR	JITC:Fort Meade MD	7.911	1.775	Feb 2012	1.000	Dec 2012	0.666	Dec 2013	-		0.666	Continuing	Continuing	Continuing
Subtotal			7.911	1.775		1.000		0.666		0.000		0.666			

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	56.448	6.766	6.214	6.524	0.000	6.524			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2014 Defense Information Systems Agency		**DATE:** April 2013
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 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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 2014 Defense Information Systems Agency		**DATE:** April 2013
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	2012	4	2018
CMNT	4	2012	4	2015
JITC Testing Security/C&A	1	2012	4	2018
CFBLNet	1	2012	4	2018
UIS	2	2012	4	2018