

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Defense Information Systems Agency										Date: March 2014		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0301144K I Joint/Allied Coalition Information Sharing							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	63.214	5.191	6.524	3.931	-	3.931	3.938	4.005	4.067	4.067	Continuing	Continuing
NND: Multinational Information sharing	63.214	5.191	6.524	3.931	-	3.931	3.938	4.005	4.067	4.067	Continuing	Continuing

# The FY 2015 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, 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.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Previous President's Budget	6.214	6.524	3.931	-	3.931
Current President's Budget	5.191	6.524	3.931	-	3.931
Total Adjustments	-1.023	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-1.023	-	-	-	-

**Change Summary Explanation**

The FY 2013 decrease of -\$1.023 was the direct result of the Budget Control Act (BCA) and resulted in a reduction of tests from the Joint Interoperability Testing Center, Systems Engineering Technical Assistance (SETA) and Tier III support.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Systems Agency										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0301144K / Joint/Allied Coalition Information Sharing				Project (Number/Name) NND / Multinational Information sharing			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
NND: Multinational Information sharing	63.214	5.191	6.524	3.931	-	3.931	3.938	4.005	4.067	4.067	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 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 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.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Multinational Information Sharing									5.191	6.524	3.931	

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Defense Information Systems Agency		<b>Date:</b> March 2014	
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0301144K / <i>Joint/Allied Coalition Information Sharing</i>	<b>Project (Number/Name)</b> NND / <i>Multinational Information sharing</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2013</b>	<b>FY 2014</b>
<p><b>Description:</b> Through the CENTRIXS and Pegasus, 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 Access (APAN). UISS-APAN migrated 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.</p> <p><b>FY 2013 Accomplishments:</b> Deployed Common Mission Network Transport (CMNT).</p> <p>Pegasus: Continued to improve Pegasus e-mail with all CCEB Nations. Continued to expand and enhance chat services to all CCEB Nations.</p> <p>CFBLNet: Evaluated emerging capabilities and technologies supportive of coalition information sharing needs. Defined, created and tested 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.</p> <p>UISS-APAN: Completed the design, development and implementation strategy for Continuity of Operations support (COOP) support. Designed and developed capability improvements to increase user capacity.</p> <p><b>FY 2014 Plans:</b> CENTRIXS CMNT: Enhance CMNT capabilities based on user experiences and changing operational needs.</p> <p>Pegasus: Continue to improve Pegasus e-mail with all CCEB Nations and to expand and enhance chat services to all CCEB Nations by beginning to integrate the National Gateway Consolidation Plan.</p> <p>CFBLNet: 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.</p> <p>UISS-APAN: Continue to design and develop capability improvements to increase user capacity.</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Defense Information Systems Agency							Date: March 2014				
Appropriation/Budget Activity 0400 / 7			R-1 Program Element (Number/Name) PE 0301144K / Joint/Allied Coalition Information Sharing				Project (Number/Name) NND / Multinational Information sharing				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2013	FY 2014	FY 2015		
The increase of +\$1.333 from FY 2013 to FY 2014 is the result of an increase in requirements analysis of UISS cloud computing a minor increase of integration and testing CMNT and a slight decrease in Pegasus testing requirements.											
FY 2015 Plans: CENTRIXS CMNT: Will support systems engineering, testing and integration on reconnaissance network requirement capabilities.											
Pegasus: Will implement the National Gateway Consolidation Plan for web services, VoIP and will continue to improve and to expand and enhance chat services to all CCEB Nations.											
CFBLNet: Will provide a Research, Development, Trials and Assessment (RDTA) testing environments for NATO, the CCEB nations and other mission essential nations. Will continue to evaluate emerging capabilities and technologies supportive of coalition information sharing needs.											
UISS-APAN: Will move Infrastructure as a Service (IaaS) to a cloud environment and continue to design and develop capability improvements to increase user capacity.											
The decrease of -\$2.593 between FY 2014 and FY 2015 is due to the completion of CMNT Phase I, II and III requirements in FY 2014.											
Accomplishments/Planned Programs Subtotals							5.191	6.524	3.931		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• O&M, DW/0301144K: O&M, DW	44.252	47.724	42.397	-	42.397	53.343	54.600	54.896	52.000	Continuing	Continuing
• Proc, DW/0301144K: Proc, DW	5.496	5.083	1.247	-	1.247	1.248	1.276	0.535	0.929	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.											

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0301144K / Joint/Allied Coalition Information Sharing	Project (Number/Name) NND / Multinational Information sharing			
E. Performance Metrics					
PERFORMANCE METRICS		FY 2013	FY 2014	FY 2015	
Measure:					
-Functional and/or Security Test & Evaluation test cases.		Met	Expected to Meet	Expected to Meet	
Performance Metric:					
-System will provide for 99.99% data integrity for authorized users sharing information cross COI		Met	Expected to Meet	Expected to Meet	
-Maintain 99.99% confidentiality for users, by Nation between COI's.		Met	Expected to Meet	Expected to Meet	
-Direct traffic with 99.99% accuracy for chat, email, VOIP, file transfer, data storage and web service.		Met	Expected to Meet	Expected to Meet	
Methodology:					
-Assessment Plan		Met	Expected to Meet	Expected to Meet	
-Sample ≥ 10K transactions (Email, chat & file storage/transfer)		Met	Expected to Meet	Expected to Meet	
-Conduct selected ST&E test cases		Met	Expected to Meet	Expected to Meet	
Measure: -Security					
Performance Metric:		FY 2013	FY 2014	FY 2015	
-Deny 98.5% of unauthorized user attempts	Met	Expected to Meet		Expected to Meet	
Methodology:					
-Assessment Plan			Met	Expected to Meet	Expected to Meet
-DISA Field Security Operations will conduct penetration testing		Met	Expected to Meet	Expected to Meet	
Measure:			Met	Expected to Meet	Expected to Meet
-Security					

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0301144K / Joint/Allied Coalition Information Sharing	Project (Number/Name) NND / Multinational Information sharing	
Performance Metric: -Audit log must capture 99.99% of any unauthorized user activity.			
	Met	Expected to Meet	Expected to Meet

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Defense Information Systems Agency												Date: March 2014			
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0301144K / Joint/Allied Coalition Information Sharing				Project (Number/Name) NND / Multinational Information sharing					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cross Domain Chat - develop & tech svcs	C/CPFF	Harris Corporation : Alexandria VA	14.599	0.350	Feb 2013	0.200	Feb 2014	-		-		-	-	15.149	15.149
Cross Domain Solutions – operational capabilities support	C/CPFF	HAI/Raytheon : Arlington VA	11.531	0.250	Feb 2013	-		-		-		-	-	11.781	11.781
Cross Domain Chat	C/CPFF	TBD : TBD	-	-		-		0.137	Jun 2015	-		0.137	Continuing	Continuing	Continuing
Cross Domain Solutions - Ops Capabilities Spt	C/CPFF	CACI : Chantilly VA	-	0.200	Aug 2013	0.450	Aug 2014	0.075	Feb 2015	-		0.075	Continuing	Continuing	Continuing
Subtotal			26.130	0.800		0.650		0.212		-		0.212	-	-	-
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	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	7.328	-		-		-		-		-	-	7.328	7.328
Program support	C/CPFF	Ingenium and SAIC : Upper Marlboro MD and Washington D.C.	1.522	-		-		-		-		-	-	1.522	1.522
Engineering Support	C/CPFF	Raytheon : Arlington VA	7.958	0.622	Nov 2012	-		-		-		-	-	8.580	8.580
DoD Services	MIPR	Various - SPAWAR and Pacific Warfighting Ctr : Hawaii	1.521	1.389	Oct 2012	1.200	Feb 2014	1.122	Sep 2014	-		1.122	Continuing	Continuing	Continuing
Project Planning and Management	C/CPFF	Harris Corporation : Alexandria VA	-	1.082	Mar 2013	3.233	Mar 2014	-		-		-	-	4.315	Continuing
Engineering Support	C/CPFF	CACI : Chantilly VA	-	0.200	Aug 2013	0.775	Nov 2013	0.050	Aug 2015	-		0.050	Continuing	Continuing	-
Project Planning	C/CPFF	TBD : TBD	-	-		-		1.553	Nov 2014	-		1.553	Continuing	Continuing	-
Subtotal			27.398	3.293		5.208		2.725		-		2.725	-	-	-



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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2015 Defense Information Systems Agency												<b>Date:</b> March 2014			
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0301144K / <i>Joint/Allied Coalition Information Sharing</i>					<b>Project (Number/Name)</b> NND / <i>Multinational Information sharing</i>					
<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2013</b>		<b>FY 2014</b>		<b>FY 2015 Base</b>		<b>FY 2015 OCO</b>		<b>FY 2015 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Coalition Lab T&E, IAVA STIG	MIPR	JITC : Fort Meade MD	9.686	1.098	Dec 2012	0.666	Dec 2013	0.994	Dec 2014	-		0.994	Continuing	Continuing	Continuing
<b>Subtotal</b>			9.686	1.098		0.666		0.994		-		0.994	-	-	-
			<b>Prior Years</b>	<b>FY 2013</b>		<b>FY 2014</b>		<b>FY 2015 Base</b>		<b>FY 2015 OCO</b>		<b>FY 2015 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			63.214	5.191		6.524		3.931		-		3.931	-	-	-
<b>Remarks</b>															

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2015 Defense Information Systems Agency																<b>Date:</b> March 2014			
<b>Appropriation/Budget Activity</b> 0400 / 7								<b>R-1 Program Element (Number/Name)</b> PE 0301144K / <i>Joint/Allied Coalition Information Sharing</i>								<b>Project (Number/Name)</b> NND / <i>Multinational Information sharing</i>			

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
<b>MULTINATIONAL INFORMATION SHARING (MNIS) – Current Systems</b>																												
CENTRIXS Capability																												
CMNT																												
JITC Testing Security/C&A																												
CFBLNet																												
UIS																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Defense Information Systems Agency			<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0301144K / <i>Joint/Allied Coalition Information Sharing</i>	<b>Project (Number/Name)</b> NND / <i>Multinational Information sharing</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>MULTINATIONAL INFORMATION SHARING (MNIS) – Current Systems</i></b>				
CENTRIXS Capability	1	2013	4	2019
CMNT	4	2013	4	2014
JITC Testing Security/C&A	1	2013	4	2019
CFBLNet	1	2013	4	2019
UIS	2	2013	4	2019