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 0303140K: *Information Systems Security Program*

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	0.000	5.248	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
IA3: *Information Systems Security Program*	0.000	5.248	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	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

The Community Data Center (CDC) researches, designs, builds, tests, demonstrates, and evaluates an innovative system to analyze a significant portion of the DoD's and partner network traffic for anomalous network behavior using unique techniques and processes. This unique analysis capability addresses the massive data overload associated with analyzing network traffic and raw data, and significantly improves the ability of the DoD to operate, defend, and protect its networks. The CDC research achieves the goal of operating, defending, and protecting the network, by using augmented and sessionized network traffic, non-traditional approaches, advanced IT algorithms, and the compiled expertise of cyber operators, analysts, investigators, and defenders to develop a near-real-time "top down" ability to view and analyze the network for the discovery, identification, and analysis of anomalous patterns of activity not humanly detectable, that could represent illegal or improper behavior, and are significant threats to the network.

B. Program Change Summary ($ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	5.500	0.000	0.000	-	0.000
Current President's Budget	5.248	0.000	0.000	-	0.000
Total Adjustments	-0.252	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other	-0.252	0.000	0.000	-	0.000

Change Summary Explanation

This funding supported Audit Management, Continuous Monitoring Risk Scoring and the CDC for preventing insider threat activities. The funding was used to construct the data integration, correlation, reduction, and analysis capabilities within the CDC supporting the audit event analysis and log aggregation as well as the Cross Domain Enterprise Solution defensive requirements.

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The FY 2012 decrease of -$0.252 supports higher Agency priorities.

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 0303140K: *Information Systems Security Program*	PROJECT IA3: *Information Systems Security Program*	

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
IA3: *Information Systems Security Program*	0.000	5.248	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	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 Community Data Center (CDC) researches, designs, builds, tests, demonstrates, and evaluates an innovative system to analyze a significant portion of the DoD's and partner network traffic for anomalous network behavior using unique techniques and processes. This unique analysis capability addresses the massive data overload associated with analyzing network traffic and raw data, and significantly improves the ability of the DoD to operate, defend, and protect its networks. The CDC research achieves the goal of operating, defending, and protecting the network, by using augmented and sessionized network traffic, non-traditional approaches, advanced IT algorithms, and the compiled expertise of cyber operators, analysts, investigators, and defenders to develop a near-real-time "top down" ability to view and analyze the network for the discovery, identification, and analysis of anomalous patterns of activity not humanly detectable, that could represent illegal or improper behavior, and are significant threats to the network.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Title: Information Systems Security Program	5.248	0.000	0.000
FY 2012 Accomplishments: Funding improved CDC, Audit Management and Continuous Monitoring Risk Scoring data aggregation and analytics to help reduce the risk of "insider threats". The funds designed and developed information exchange and system interfaces to existing data feeds, design, develop and implemented a capability for detecting pre-defined malicious insider activities performed by users or administrators in near real time by using attack patterns based on log and log like data. Market research and an analysis of the current DISA tools revealed the current Audit Management tool could be modified to satisfy the requirements (to prevent insider threat activities). Steps to modify the tool were initiated by leveraging the existing contracts and tools.			
FY 2013 Plans: The decrease of -$5.248 from FY 2012 to FY 2013 is due to one-time funding received in FY 2012.			
Accomplishments/Planned Programs Subtotals	5.248	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information Systems Agency		DATE: April 2013
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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 / 0303140K: : *O&M, DW*	0.000	4.500	4.500		4.500	4.500	4.500	4.502	4.573	Continuing	Continuing
• PROC, DW / 0303140K: *PROC, DW*											

Remarks

D. Acquisition Strategy

This funding supports contracts for creating system architecture, interfaces and operation design, and software development.

E. Performance Metrics

1. IA Audit Management: Log Data Reduction & Tagging: FY12 - 10% of data sources, FY13 - 100% of data sources, FY14 - all new sources
2. Number of reported asset records supported by CMRS architecture: FY12- 200,000, FY13-1,000,000, FY14-5,000,000

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 0303140K: *Information Systems Security Program*	PROJECT IA3: *Information Systems Security Program*	

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
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000

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
Test and Evaluation	MIPR	Various:Various	0.000	5.248	Sep 2012	-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	0.000	5.248		0.000		0.000		0.000		0.000			

	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
Project Cost Totals	0.000	5.248		0.000		0.000		0.000		0.000			

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 0303140K: *Information Systems Security Program*	**PROJECT** IA3: *Information Systems Security Program*

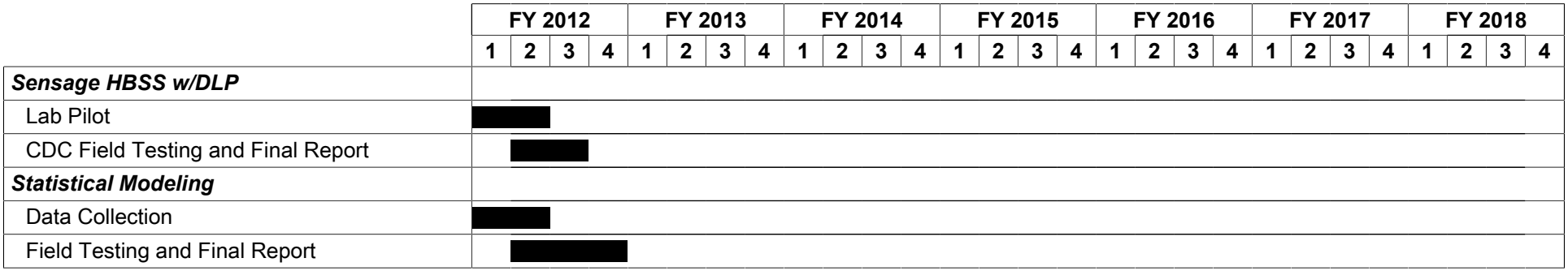

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140K: *Information Systems Security Program*	**PROJECT** IA3: *Information Systems Security Program*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Sensage HBSS w/DLP				
Lab Pilot	1	2012	2	2012
CDC Field Testing and Final Report	2	2012	3	2012
Statistical Modeling				
Data Collection	1	2012	2	2012
Field Testing and Final Report	2	2012	4	2012