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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303028A: Security and Intelligence Activities							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	3.189	9.777	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
H12: INTEL SPT TO FORCE XXI	3.189	7.644	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
H13: INFORMATION DOMINANCE CENTER (IDC) - TIARA	0.000	2.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
A. Mission Description and Budget Item Justification											
This Program Element supports the Global Horizontal Integration (GHI) which is a multi-phased Department of Defense Joint experiment, led by the Army, to build a capability for real-time fusion of multi-discipline and coalition intelligence available from tactical, operational, combined, and national levels. GHI and the Information Dominance Center are complementary programs, with GHI applying IDC capabilities to Joint and Coalition environments.											
B. Program Change Summary (\$ in Millions)											
			FY 2009	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	
Previous President's Budget			0.000	2.144		2.392		0.000		2.392	
Current President's Budget			3.189	9.777		0.000		0.000		0.000	
Total Adjustments			3.189	7.633		-2.392		0.000		-2.392	
• Congressional General Reductions				0.000							
• Congressional Directed Reductions				0.000							
• Congressional Rescissions			0.000	0.000							
• Congressional Adds				7.633							
• Congressional Directed Transfers				0.000							
• Reprogrammings			0.000	0.000							
• SBIR/STTR Transfer			0.000	0.000							
• Adjustments to Budget Years			3.189	0.000		-2.392		0.000		-2.392	
Change Summary Explanation											
Change Summary Explanation: Due to a technical error in the database the previous president's budget was not displayed in the Program Change Summary table. The FY 10 President's Budget amounts for FY 09 & FY 11 are the same as the current FY 11 BES submission. FY 10 President's Budget amount was \$2,144. The delta between the FY 10											

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President's Budget and the current FY 11 BES submission is \$7,644. The \$7,644 is an anticipated Congressional increase to support FY 10 Overseas Contingency Operations efforts.		

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303028A: Security and Intelligence Activities				PROJECT H12: INTEL SPT TO FORCE XXI			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
H12: INTEL SPT TO FORCE XXI	3.189	7.644	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
FY 2010 OCO: This program provides full spectrum information output (IO) support during operations, exercises, and other activities supporting both the Army and Joint warfighters, as well as a previously unrealized operational advantage to Army, Land Component and Joint Task Force Commanders by protecting their information and information systems while affecting adversary information and information systems, and providing warfighters with IO planning and field support.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1							3.189	0.000	0.000	0.000	0.000
FY 2009 Base: Intelligenc Support Program Support											
FY 2009 Accomplishments:											
FY 2009											
FY 2010 Plans:											
FY 2010											
FY 2011 Base Plans:											
FY 2011 Base											
FY 2011 OCO Plans:											
FY 2011 OCO											
Program #2							0.000	7.644	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0303028A: <i>Security and Intelligence Activities</i>		PROJECT H12: <i>INTEL SPT TO FORCE XXI</i>		
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 OCO: Full spectrum information output (IO) development <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Accomplishments/Planned Programs Subtotals		3.189	7.644	0.000	0.000	0.000
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A						
<u>D. Acquisition Strategy</u> N/A						
<u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0303028A: <i>Security and Intelligence Activities</i>				PROJECT H12: <i>INTEL SPT TO FORCE XXI</i>					
Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FY 2010 OCO: Full spectrum information output (IO) development	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	4.454		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	4.454		0.000		0.000		0.000			0.000
Remarks													
Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FY 2009 Base: Intelligenc Support Program Support	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	3.190		0.000		0.000		0.000	0	0	0
Subtotal			0.000	3.190		0.000		0.000		0.000	0.000	0.000	0.000
Remarks													

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army							DATE: February 2010				
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		Total Prior Years Cost	FY 2010	FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		0.000	7.644	0.000		0.000		0.000			0.000
Remarks											

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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
H13: <i>INFORMATION DOMINANCE CENTER (IDC) - TIARA</i>	0.000	2.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced offensive cyberspacetechnologies designed to degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. Justification: INSCOM conducts RDTE of offensive Cyberspace technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.											
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1 Conducting Cyberspace technologies in direct support of the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23. <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base						0.000	2.133	0.000	0.000	0.000	

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<u>B. Accomplishments/Planned Program (\$ in Millions)</u>								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO								
Accomplishments/Planned Programs Subtotals				0.000	2.133	0.000	0.000	0.000
<u>C. Other Program Funding Summary (\$ in Millions)</u>								
N/A								
<u>D. Acquisition Strategy</u>								
N/A								
<u>E. Performance Metrics</u>								
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.								

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Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Mobile Objects/ PHAEDRUS	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	2.133		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.000	2.133		0.000		0.000		0.000			0.000
Remarks FY08 and FY09: Congressional Adds: Mobile Objects/PHAEDRUS to develop an analytical tool that leverages the value of merging structured and unstructured data into a consolidated result set providing the analyst with: 1.) a faster query and retrieval process, 2) a more comprehensive view of both types of data, and 3) enhanced situational awareness. This effort supports the development of a system that will help increase the user's recall (ability to extract relevant information) from disparaging sources and then process it to improve their understanding of the collected data.FY10-11: Global Horizontal Integration (GHI) is a multi-phased Department of Defense Joint experiment, led by the Army, to build a capability for real-time fusion of multi-discipline and coalition intelligence available from tactical, operational, combined, and national levels. GHI and the Information Dominance Center are complementary programs, with GHI applying IDC capabilities to Joint and Coalition environments.													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	2.133		0.000		0.000		0.000			0.000
Remarks													

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0303140A: Information Systems Security Program							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	39.679	60.866	54.784	64.780	119.564	56.600	56.590	57.170	55.860	Continuing	Continuing
491: INFORMATION ASSURANCE DEVELOPMENT	13.022	15.124	11.905	0.000	11.905	9.268	9.565	9.744	7.245	Continuing	Continuing
501: ARMY KEY MGT SYSTEM	0.996	1.874	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
50B: BIOMETRICS	9.216	33.990	8.267	0.000	8.267	8.534	8.295	7.994	7.788	Continuing	Continuing
5PM: DOD BIOMETRICS PROGRAM MANAGEMENT	16.445	9.869	34.612	64.780	99.392	38.781	38.721	39.424	40.825	Continuing	Continuing
A. Mission Description and Budget Item Justification											
<p>The Communications Security Equipment Program develops Information Systems Security (ISS) equipment and techniques required to combat threat Signal Intelligence capabilities and to insure the integrity of data networks. The Army's Research Development Test and Evaluation (RDTE) ISS program objective is to implement National Security Agency (NSA) developed security technology in Army information systems. Communications Security Equipment(COMSEC)technology ensures total signal and data security for all Army information systems to include any operational enhancement and specialized Army configurations. The Army Key Management System (AKMS) automates key generation and distribution while supporting joint interoperability. It provides communications and network planning with key management. AKMS is a part of the management/support infrastructure for the Warfighter Information Network - Tactical (WIN-T) program. Additional modifications to the AKMS baseline are required to support the emerging WIN-T architecture. System security engineering, integration of available Information Security (INFOSEC) products, development, and testing are provided to ensure that Command, Control, Communications and Computer Intelligence (C4I) systems are protected against malicious or accidental attacks. Several joint service/NSA working groups exist in the area of key management in order to avoid duplication and assure interoperability between all systems, including the establishment of standards and testing. The Defense Information Systems Agency (DISA) Multi-Level Security (MLS) working group coordinates all the different ongoing technology efforts. This program will also develop, integrate, and demonstrate Command and Control (C2) Protect Common Tools into C4I systems that manage, protect, detect and react to C2 system vulnerabilities, threats, reconfigurations, and reconstitutions. Modeling, simulation, and risk management tools will be used to develop C2 Protect capabilities, enabling the warfighter to distribute complete and unaltered information and maintain a dynamic, continuous synchronous operational force. Secretary of the Army (SA) is the Executive Agent (EA) and the Director, Biometrics Task Force (BTF) is the Executive Manager (EM) for DoD Biometrics. The BTF provides for the next generation enterprise development to support all DoD Services for continuous improvement in technologies that support the Warfighter's ability to exercise identity dominance over non-traditional enemies. The BTF will (1) synchronize and integrate existing and new technologies throughout DoD; (2) provide identity dominance, protection and management through integrated joint biometric programs; and, (3) enhance the DoD authoritative biometric repository to provide timely, accurate and comprehensive identity superiority to the Warfighter. The Department of Defense (DoD) Biometrics Program Management Office is responsible for developing two enduring programs: the Biometrics Enabling Capability (BEC) and Joint Personnel Identification Version 2 (JPIv2). BEC will be the DOD biometric enterprise authoritative</p>											

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