Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	

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	4.510	1.977	2.139	0.000	2.139	2.169	2.199	2.231	2.263	Continuing	Continuing
000000: *Regional International Outreach - Partnership for Peace Information Management Systems*	4.037	1.977	2.139	0.000	2.139	2.169	2.199	2.231	2.263	Continuing	Continuing
000204: *Overseas Humanitarian Assistance Shared Information System*	0.473	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Note

Funding for OHASIS moved to PE 0605147T in FY 2010.

A. Mission Description and Budget Item Justification

Regional International Outreach (RIO) and Partnership for Peace (PfP) Information Management System (PIMS) is an Office of the Secretary of Defense (OSD) initiative to deploy a common information technology platform to improve international partner outreach and collaboration efforts in a federated environment. A federated environment – characterized by the capacity of DoD institutions to directly share participants and content across websites - fosters networks of partner influencers and enables better use of DoD resources through collaboration among the Regional Centers for Security Studies, PfP allies, and other DoD educational institutions and partners as required. The program uses a spiral methodology (making available capabilities as developed), to speed the delivery of open source collaboration technologies the user community. DSCA oversees execution of the research and development of the RIO-PIMS effort and its operations, and ensures that the program addresses DoD security cooperation requirements in the context of defense, interagency, and international information sharing and collaboration needs.

FY 2010 will be the first year combining the RIO and PIMS projects to leverage management, integration, and funding resources. This unification streamlines the research and development funds into one information sharing and collaboration technology platform.

The RIO effort focuses on improving collaboration among international outreach efforts of the Regional Centers for Security Studies (Africa Center for Strategic Studies, Asia-Pacific Center for Security Studies, Center for Hemispheric Defense Studies, George C. Marshall European Center for Security Studies, Near East South Asia Center for Strategic Studies), the Combatant Commanders, the Defense Security Cooperation Agency (DSCA), OUSD (Policy), and other designated DoD educational institutions. It provides DoD and international partner security practitioners a platform to share information, collaborate on projects, and improve administrative activities. It also provides the ability to form collaborative communities of interest around security issues.

Defense Security Cooperation Agency

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Security Cooperation Agency	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*

The PIMS technology effort enables EUCOM and CENTCOM partnership for peace missions by providing technology and management support/practices to the PfP countries. Through bilateral and multilateral security cooperation, PIMS facilitates information sharing and knowledge management concepts in accordance with U.S. policy. PIMS is a part of the North Atlantic Treaty Organization (NATO) Enlargement Facilitation Act of 1996 and implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to their telecommunications infrastructure. The PIMS program provides allies and partner countries the ability to collaborate in critical cooperative activities that underpin the spirit of the PfP program. PIMS supports PfP coalition initiatives through development of distributive collaboration tools to support aspects of U.S. and NATO-approved PfP cooperative activities. PIMS also develops special capabilities such as mapping and imagery, multinational digitized imagery, and data derived from remote sensing technologies. This support is critical to achieve the interoperability/integration outlined in the Guidance for the Employment of the Force. PIMS supports an Internet-based education and collaboration environment via a Consortium of Defense Academies and Security Institutes; an exercise simulation network; and a cooperative network of nationally sponsored PfP training centers. PIMS is also used to support an electronic crisis information exchange capability among the countries of Southeastern Europe.

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	2.485	2.001	0.000	0.000	0.000
Current President's Budget	4.510	1.977	2.139	0.000	2.139
Total Adjustments	2.025	-0.024	2.139	0.000	2.139
• Congressional General Reductions		-0.024			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	2.025	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other	0.000	0.000	2.139	0.000	2.139

Change Summary Explanation

FY 2009: OMNIBUS reprogramming reduced program by $75K. RIO-PIMS was reduced by $50K and OHASIS was reduced by $25K. Received 2.1M UFR funding for Regional International Outreach.

FY 2010: Funds for OHASIS moved to PE 0605147T.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2011 Defense Security Cooperation Agency	**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*

FY 2011: The FY 2010 PB did not have any outyear data. In FY 2011 Regional International Outreach - Partnership for Peace Information Management Systems requires $2.1M to continue to deploy a common information technology platform to improve international partner outreach and collaboration efforts.

Defense Security Cooperation Agency

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Defense Security Cooperation Agency	**DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	PROJECT 000000: *Regional International Outreach - Partnership for Peace Information Management Systems*

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
000000: *Regional International Outreach - Partnership for Peace Information Management Systems*	4.037	1.977	2.139	0.000	2.139	2.169	2.199	2.231	2.263	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Regional International Outreach (RIO) and Partnership for Peace (PfP) Information Management System (PIMS) is an Office of the Secretary of Defense (OSD) initiative to deploy a common information technology platform to improve international partner outreach and collaboration efforts in a federated environment. A federated environment – characterized by the capacity of DoD institutions to directly share participants and content across websites - fosters networks of partner influencers and enables better use of DoD resources through collaboration among the Regional Centers for Security Studies, PfP allies, and other DoD educational institutions and partners as required. The program uses a spiral methodology (making available capabilities as developed), to speed the delivery of open source collaboration technologies the user community. DSCA oversees execution of the research and development of the RIO-PIMS effort and its operations, and ensures that the program addresses DoD security cooperation requirements in the context of defense, interagency, and international information sharing and collaboration needs.

FY 2010 will be the first year combining the RIO and PIMS projects to leverage management, integration, and funding resources. This unification streamlines the research and development funds into one information sharing and collaboration technology platform.

The RIO effort focuses on improving collaboration among international outreach efforts of the Regional Centers for Security Studies (Africa Center for Strategic Studies, Asia-Pacific Center for Security Studies, Center for Hemispheric Defense Studies, George C. Marshall European Center for Security Studies, Near East South Asia Center for Strategic Studies), the Combatant Commanders, the Defense Security Cooperation Agency (DSCA), OUSD (Policy), and other designated DoD educational institutions.

It provides DoD and international partner security practitioners a platform to share information, collaborate on projects, and improve administrative activities. It also provides the ability to form collaborative communities of interest around security issues.

The PIMS technology effort enables EUCOM and CENTCOM partnership for peace missions by providing technology and management support/practices to the PfP countries. Through bilateral and multilateral security cooperation, PIMS facilitates information sharing and knowledge management concepts in accordance with

Defense Security Cooperation Agency

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	**PROJECT** 000000: *Regional International Outreach - Partnership for Peace Information Management Systems*

U.S. policy. PIMS is a part of the North Atlantic Treaty Organization (NATO) Enlargement Facilitation Act of 1996 and implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to their telecommunications infrastructure. The PIMS program provides allies and partner countries the ability to collaborate in critical cooperative activities that underpin the spirit of the PfP program. PIMS supports PfP coalition initiatives through development of distributive collaboration tools to support aspects of U.S. and NATO-approved PfP cooperative activities. PIMS also develops special capabilities such as mapping and imagery, multinational digitized imagery, and data derived from remote sensing technologies. This support is critical to achieve the interoperability/ integration outlined in the Guidance for the Employment of the Force. PIMS supports an Internet-based education and collaboration environment via a Consortium of Defense Academies and Security Institutes; an exercise simulation network; and a cooperative network of nationally sponsored PfP training centers. PIMS is also used to support an electronic crisis information exchange capability among the countries of Southeastern Europe.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Regional International Outreach and Partnership for Peace Information Management System *FY 2009 Accomplishments:* Completed the development effort to federate multiple portals – allowing users to search across sites (i.e. each individual Regional Center web site with different URLs) that are federated with single sign-on (allows an international participant to go from one password-protected website to another seamlessly). Completed the developmental testing and two technical evaluations of the next RIO-PIMS release. Operational testing completed in December 2009. Incorporated additional identified requirements from validations into development upgrades for next release. Started preparatory process for FY 2011 recertification of security accreditation process. Began developing the integration plan and effort to federate the Regional Centers information systems. Began the planning for and integration of the Regional Center student management systems with RIO and the Defense Security Assistance Management System (DSAMS) to ensure accurate data across the DoD security cooperation information spectrum. Began the development of multimedia content annotation capabilities to enable effective discovery of and rich collaboration around image, audio, and video materials.	4.037	1.977	2.139	0.000	2.139

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	PROJECT 000000: *Regional International Outreach - Partnership for Peace Information Management Systems*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continued developing the Capabilities Development Document (CDD) for the Joint Staff's Joint Capabilities Integration and Development System (JCIDS) process. Continued research of NATO interoperable technology that integrates with OSD-initiatives for information sharing and extends the technology to partner nations. Continued to expand operational capabilities in order to enhance the interoperability of PfP personnel in building capacity and operations. Continued to upgrade the RIO-PIMS sites with new software development releases. Continued efforts to integrate additional DoD educational organizations into RIO-PIMS. *FY 2010 Plans:* Implement the federation capability to share users and information across multiple portals. Complete the Capabilities Development Document (CDD); Capabilities Production Document (CPD); and Information Support Plan (ISP) required for Joint Capabilities Integration and Development System (JCIDS) process. Update security accreditation package to reflect newly integrated educational organizations in order to maintain Mission Assurance Category (MAC) Level 3, Common Criteria EAL-2, and Federal Information Process Standards (FIPS) Security Level 2; and continue the preparation for the 2011 security accreditation recertification. Conduct developmental and operational testing of latest software release. Release latest validated software version into production. Complete development of the integration plan and effort to federate the Regional Centers information systems. Complete the development and integration of the Regional Center student management systems with RIO and the Defense Security Assistance Management System (DSAMS) to ensure accurate data across the information spectrum. Begin the integration of exercise and scenario-based workflow processes into the RIO-PIMS system. Begin development of direct data exchange links with relevant information systems to remove the technical limitations to information sharing across PfP nations. Begin development of expertise and social connections analysis and modeling based on a combination of natural language analysis tools, domain-specific language support, and statistical and behavioral metrics.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	**PROJECT** 000000: *Regional International Outreach - Partnership for Peace Information Management Systems*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continue to upgrade the federated RIO-PIMS sites with new software development releases. Continue to integrate additional DoD educational organizations into RIO-PIMS. Improve the platform's capabilities focused on managing large data sets by developing and integrating rich interactive statistical analysis and visualization tools. Utilize visualization to assist with management of user-generated data, such as surveys and polls, as well as with tracking of information sharing and collaboration trends, social network dynamics, and content exchange across domain boundaries. *FY 2011 Base Plans:* Complete 2011 recertification of security accreditation process that also reflects the new and updated software capabilities as well newly integrated educational organizations. Conduct developmental and operational testing of latest software release. Release latest validated software release into production. Begin the development effort to integrate identified partner country collaborative sites. Continue the development of expertise and social connections analysis and modeling based on a combination of natural language analysis tools, domain-specific language support, and statistical and behavioral metrics. Continue the integration of exercise and scenario-based workflow processes into the RIO-PIMS system. Continue the development of direct data exchange links with relevant information systems to remove the technical limitations to information sharing across PfP nations. Continue to upgrade the federated RIO-PIMS sites with new software development releases. Continue to integrate additional DoD educational organizations into RIO-PIMS. Continue to improve the platform's capabilities focused on managing large data sets by developing and integrating rich interactive statistical analysis and visualization tools. Continue to utilize visualization to assist with management of user-generated data, such as surveys and polls, as well as with tracking of information					

Defense Security Cooperation Agency

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	PROJECT 000000: *Regional International Outreach - Partnership for Peace Information Management Systems*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
sharing and collaboration trends, social network dynamics, and content exchange across domain boundaries.					
Accomplishments/Planned Programs Subtotals	4.037	1.977	2.139	0.000	2.139

C. Other Program Funding Summary ($ in Millions)
   N/A

D. Acquisition Strategy
   RIO-PIMS employs a spiral acquisition strategy to ensure a well-defined model for each institution/community that can be exported globally. The program uses a regional approach to ensure sustainable, leave-behind technology and information sharing procedures. By partnering with other U.S. Government agencies, existing assets are leveraged to preserve U.S. investments, avoid duplication of effort between agencies, and offer economically prudent solutions to improve information sharing and achieve U.S. security cooperation goals.

E. Performance Metrics
   RIO-PIMS project performance is measured in several methods: the successful meeting of stated performance objectives in the statement of work, and meeting target dates in the project management plan; via a combination of statistics including the number of trouble tickets generated on the development site, operational user feedback on development site usability, and design; and the system's performance during developmental and operational testing.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	PROJECT 000204: *Overseas Humanitarian Assistance Shared Information System*

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
000204: *Overseas Humanitarian Assistance Shared Information System*	0.473	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

Note
Funding for OHASIS moved to PE 0605147T in FY 2010.

A. Mission Description and Budget Item Justification
Overseas Humanitarian Assistance Shared Information System (OHASIS) enables Humanitarian Assistance (HA) offices, including embassy staff, country team members, Combatant Command leads, and DSCA to visualize HA projects on a web-based map display, automate report generation, and perform a variety of analysis. The U.S. Army Corps of Engineers, Topographic Engineer Center (TEC) initially developed this system for U.S. Central Command (USCENTCOM). This system is critical to the full lifecycle management of Humanitarian Assistance projects. As a result, OHASIS has been provided to all of the Geographic Combatant Commands (GCC) for their use in monitoring HA projects and to Country Team members throughout the world for nominating projects. The OHASIS system is currently used to manage the full life cycle of over 1,000 Overseas Humanitarian Disaster and Civic Aid (OHDACA) projects, 500 Denton and Funded Shipments, and three warehouses maintaining humanitarian excess property per fiscal year. Research, Development Test and Evaluation funding is being requested to upgrade and modernize the current OHASIS system.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Overseas Humanitarian Assistance Shared Information System *FY 2009 Accomplishments:* Primary focus developed additional OHASIS modules to better support, maintain, and leverage information technology in all OHDACA aspects. The start point was the redevelopment of the Excess	0.473	0.000	0.000	0.000	0.000

Defense Security Cooperation Agency

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Cooperation Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	PROJECT 000204: *Overseas Humanitarian Assistance Shared Information System*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Property Warehouse system, which is currently a stand-alone system, based on outdated and unsupported technology. OHASIS will leverage the current system begin migration to a new platform. Also, the Denton and Funded Transportation modules modernized and leveragec the same benefits by being built on one framework and hosted on the same server. The analytical and modeling capability was expanded to provide the functionality to determine where projects should be designed and analysis to gain insight into the project impacts. Begin the development of a measure of effectiveness (MOE) module: definition, development, testing, and integration to become part of the full life cycle of OHDACA project management. *FY 2010 Plans:* Funds moved to PE 0605147T. *FY 2011 Base Plans:* Funds moved to PE 0605147T.					
Accomplishments/Planned Programs Subtotals	0.473	0.000	0.000	0.000	0.000

C. Other Program Funding Summary ($ in Millions)
 N/A

D. Acquisition Strategy
 The program employees an incremental technology development and implementation strategy to ensure a desired capability is delivered in a relevant timeframe. This strategy also will continue to leverage industry standard technologies for web development, database technology, database modeling, Geographic Information Systems, reporting, and documentation. As additional users require the system, it will continue to be developed with scalability and maintainability as key considerations. Additionally, this capability will help DoD better collaborate and support external agencies and their programs by leveraging the web services that have been designed in the initial baseline.

Defense Security Cooperation Agency

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Defense Security Cooperation Agency		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0605127T: *Regional International Outreach (RIO) - Partnership for Peace Information Management Systems (PIMS)*	**PROJECT** 000204: *Overseas Humanitarian Assistance Shared Information System*

E. Performance Metrics

    OHASIS project performance is measured in several methods: the successful meeting of stated performance objectives in the statement of work, and meeting target dates in the project management plan; and successful management of the full life cycle of the over 1,000 Overseas Humanitarian Disaster and Civic Aid (OHDACA) projects.

Defense Security Cooperation Agency