Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Office of the Secretary Of Defense	Date: February 2016
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	-	21.357	115.933	22.650	-	22.650	25.867	27.736	27.948	28.497	Continuing	Continuing
P796: *Laboratory Resource Management*	-	11.929	2.034	3.155	-	3.155	3.636	3.856	3.897	3.973	Continuing	Continuing
P797: *Defense Technology Analysis*	-	5.707	105.525	4.705	-	4.705	5.081	5.618	5.677	5.789	Continuing	Continuing
P798: *Defense Support Teams*	-	1.480	1.468	2.116	-	2.116	2.288	2.397	2.422	2.469	Continuing	Continuing
P579: *Critical Technology Assessments*	-	0.584	0.799	1.202	-	1.202	1.322	1.426	1.440	1.468	Continuing	Continuing
P102: *Data Vulnerability Assessment and Analysis*	-	1.657	6.107	11.472	-	11.472	13.540	14.439	14.512	14.798	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Assistant Secretary of Defense for Research and Engineering (ASD(R&E)) is the principal staff advisor to the Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)), and the Secretary and Deputy Secretary of Defense for Research and Engineering (R&E) matters. In this capacity, the ASD(R&E) has the responsibility to conduct analyses and studies; develop policies; provide technical leadership, oversight and advice; make recommendations; and issue guidance for Department of Defense (DoD) R&E programs. Additionally, the ASD(R&E) provides technical support to the USD(AT&L) on R&E aspects of programs subject to review by the Defense Acquisition Board, to include assessments of technology maturity consistent with DoD acquisition policy. The mission of the DoD R&E program is to create, demonstrate, prototype, and apply technology that enables affordable and decisive military superiority. Pursuing the R&E mission requires attention to: (1) identification and development of new technological opportunities; (2) insertion of new technologies into warfighting systems and operations; and (3) management and evaluation of the effectiveness of technology programs. This program element (PE) provides mission support to the Office of the ASD(R&E) (OASD(R&E)) covering a wide range of studies and analysis in support of the R&E program, and its impacts to the Department's decision to fund Research, Development, Test and Evaluation (RDT&E) efforts.

The PE provides funding for the Defense Laboratory Office within the ASD(R&E). The Defense Laboratory Office advocates and invests in the DoD laboratory system in three areas: (1) facilities and infrastructure; (2) quality of workforce; and (3) global insight of critical or strategic technologies important to the Department and the Nation.

The PE provides engineering, scientific, and analytical support to the ASD(R&E) in its responsibility for direction, overall quality, and content of the science and technology (S&T) program. Ensures that the technology being developed is affordable and minimizes system development risk. The Defense Technology Analysis program conducts assessments and analysis, to ensure maximum utilization of research and development funds, to accomplish the overall objectives of the S&T program. Funds are required for technical, analytical and management support, equipment and supplies, travel, and publications.

Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Office of the Secretary Of Defense	Date: February 2016
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*

The DoD's key expertise for reviewing and guiding R&E programs resides in the ASD(R&E). The ASD(R&E) staff augment their responsibilities through their connections to technology experts in various fields throughout academia, industry, and government. The Defense Support Teams project supports the directed responsibilities by building teams of technology experts to conduct program technical assessments. The teams analyze the key engineering problem areas and offer adjustments in the development and test plan; alternate technical approaches; or new technologies that could enable successful development. The teams provide unbiased reviews and gather advice from the Nation's leading technical experts.

The PE provides funding for Critical Technology Assessments within ASD(R&E). Critical Technology Assessments provide the technical reference guidance in support of development and implementation of DoD technology security policies on international transfers of defense related goods, services, and technologies. The program provides an ongoing assessment and analysis of global goods and technologies; determines significant advances in the development, production, and use of military capabilities by potential adversaries; and determines goods and technologies being developed worldwide with potential to significantly enhance or degrade U.S. military capabilities in the future.

This PE also provides funding for the Data Vulnerability Tiger Team to establish a joint analysis capability to conduct comprehensive assessments of unclassified information losses, engaging acquisition and intelligence sources to determine consequences and appropriate preventative/mitigation actions.

B. Program Change Summary ($ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	22.074	13.960	24.809	-	24.809
Current President's Budget	21.357	115.933	22.650	-	22.650
Total Adjustments	-0.717	101.973	-2.159	-	-2.159
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	102.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.708	-			
• Realignment for Higher Priority Programs	-	-	-1.545	-	-1.545
• FY15 Reprog. for Cancelled Account	-0.009	-	-	-	-
• FFRDC Reduction	-	-0.027	-	-	-
• Efficiency Reductions	-	-	-0.434	-	-0.434
• Economic Assumptions	-	-	-0.180	-	-0.180

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2015	FY 2016
Project: P796: *Laboratory Resource Management*		
Congressional Add: *Defense Technology Transfer Program*	10.000	-

Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Office of the Secretary Of Defense	Date: February 2016
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605798D8Z *I Defense Technology Analysis*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2015	FY 2016
Congressional Add Subtotals for Project: P796	10.000	-
Project: P797: *Defense Technology Analysis*		
Congressional Add: *Assessment of Major Weapon System Cyber Vulnerabilities*	-	100.000
Congressional Add Subtotals for Project: P797	-	100.000
Congressional Add Totals for all Projects	10.000	100.000

Change Summary Explanation

FY 2016 Congressional Adds include: $2.000 million Program Increase; $100.000 million Assessment of Major Weapon System Cyber Vulnerabilities. $100.000 million for the cyber vulnerability assessment will be reprogrammed to the Assistant Secretary of Defense for Acquisition (ASD(A)) for execution.

FY 2017 internal realignment reflects funding for higher Departmental priorities and requirements and reduction of $0.226 million to account for the availability of prior year execution balances.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense			Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605798D8Z / *Defense Technology Analysis*	Project (Number/Name) P796 / *Laboratory Resource Management*	

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
P796: *Laboratory Resource Management*	-	11.929	2.034	3.155	-	3.155	3.636	3.856	3.897	3.973	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Laboratory Office provides advocacy, strategic planning, and policy for the DoD's in-house laboratories. The DoD Laboratory Enterprise consists of 62 laboratories with approximately 67,000 employees, and an annual budget of more than $30.000 billion. The Defense Laboratory Office develops plans and investment strategies for laboratory infrastructure, technology programs, and personnel development.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Title: Defense Laboratory Office	1.929	2.034	3.155
Description: Provides advocacy, strategic planning, and policy for the DoD's in-house laboratories. Develops plans and investment strategies for laboratory infrastructure, technology programs, and personnel development. ***FY 2015 Accomplishments:*** • Collected and analyzed DoD lab metrics. Determined significance of trends and developed corrective actions as needed. • Expanded the function of the Technology Transfer (T2) Center of Excellence established in FY 2014. Collected and analyzed metrics. • Conducted first DoD Lab Day to communicate the research efforts, products, and capabilities of the DoD laboratories. ***FY 2016 Plans:*** • Continue refinement of DoD laboratory metrics for assessment of in-house lab system. Formulate recommendations to ASD(R&E) and Service leadership for improvements to identify problem areas within the lab system based upon data collected and concurrent trends analyses. • Decide to terminate, continue or expand the T2 Center of Excellence established in FY 2014. Decision will be guided by metrics such as number of new technology products transferred to dual-use marketplace and offered back to DoD at reduced cost, number of new start-up companies in the dual-use marketplace, and economic impact of expanded DoD lab T2 program. ***FY 2017 Plans:*** Continue strategic planning and policy development for oversight of DoD in-house laboratories.			
Accomplishments/Planned Programs Subtotals	1.929	2.034	3.155

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense		Date: February 2016
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*	**Project (Number/Name)** P796 / *Laboratory Resource Management*

	FY 2015	FY 2016
Congressional Add: Defense Technology Transfer Program	10.000	-
FY 2015 Accomplishments: Conducted a pilot program on public-private technology transfer ventures between DoD research and development centers and regionally focused technology incubators, with the goal of increasing the commercialization of intellectual property developed in the Department's research and development enterprise, in support of critical cross-service technological needs.		
Congressional Adds Subtotals	10.000	-

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

The performance of the Laboratory Resource Management project is based on the success of initiatives to implement strategic planning objectives. Measures include the quality and timeliness of policy, plans, guidance, and processes.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense			Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605798D8Z / *Defense Technology Analysis*	Project (Number/Name) P797 / *Defense Technology Analysis*	

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
P797: *Defense Technology Analysis*	-	5.707	105.525	4.705	-	4.705	5.081	5.618	5.677	5.789	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Technology Analysis (DTA) project provides engineering, scientific, and analytical support to the Office of the Deputy Assistant Secretary of Defense for Research (ODASD(R)) in its responsibility for direction, overall quality, and content of the science and technology (S&T) program. Furthermore, it ensures that the technology being developed is affordable and minimizes system development risk. The DTA program conducts assessments and analyses to ensure maximum utilization of research and development funds to accomplish the overall objectives of the S&T program. Funds are required for technical, analytical, management support, travel, and publications.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Title: DoD Technology Analysis	5.707	5.525	4.705
Description: The Defense Technology Analysis (DTA) project provides engineering, scientific, and analytical support to the Office of the Deputy Assistant Secretary of Defense for Research (ODASD(R)) in its responsibility for direction, overall quality, and content of the science and technology (S&T) program. Furthermore, it ensures that the technology being developed is affordable and minimizes system development risk.			
FY 2015 Accomplishments: Provided engineering, scientific, analytical, and managerial support to the ODASD(R) in: • Developed strategies, plans, and policies to develop and exploit technology; • Conducted technology analyses, made recommendations, and developed guidance for S&T plans and programs; • Reviewed acquisition programs and made recommendations to optimize effectiveness of the DoD investments; • Supported oversight of S&T issues and initiatives, and responded to Congressional special interests.			
FY 2016 Plans: Provide engineering, scientific, analytical, and managerial support to the ODASD(R) in: • Developing strategies, plans, and policies to develop and exploit technology; • Conducting technology analyses, making recommendations, and developing guidance for S&T plans and programs; • Reviewing acquisition programs and making recommendations to optimize effectiveness of the DoD investments; • Oversight of S&T issues and initiatives, and responding to Congressional special interests.			
FY 2017 Plans: Provide engineering, scientific, analytical, and managerial support to the ODASD(R) in:			

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense		Date: February 2016
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*	**Project (Number/Name)** P797 / *Defense Technology Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
• Developing strategies, plans, and policies to develop and exploit technology; • Conducting technology analyses, making recommendations, and developing guidance for S&T plans and programs; • Reviewing acquisition programs and making recommendations to optimize effectiveness of the DoD investments; • Oversight of S&T issues and initiatives, and responding to Congressional special interests.			
Accomplishments/Planned Programs Subtotals	5.707	5.525	4.705

	FY 2015	FY 2016
Congressional Add: Assessment of Major Weapon System Cyber Vulnerabilities	-	100.000
FY 2016 Plans: Conduct an assessment of cyber vulnerabilities in major weapons systems. These funds will be reprogrammed to the Assistant Secretary of Defense for Acquisition (ASD(A)) for execution.		
Congressional Adds Subtotals	-	100.000

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

Several indicators allow the Department to measure the success of the DTA program element. The number of efforts funded and completed satisfactorily, and the OASD(R&E) influence on S&T program decisions, serve as valuable indicators of the program's effectiveness. Feedback into the oversight mechanisms of the program to guide investment decisions serve as additional metrics.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense			Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605798D8Z / *Defense Technology Analysis*	Project (Number/Name) P798 / *Defense Support Teams*	

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
P798: *Defense Support Teams*	-	1.480	1.468	2.116	-	2.116	2.288	2.397	2.422	2.469	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Department's key expertise for reviewing and guiding research and engineering (R&E) programs resides in the Office of the Assistant Secretary of Defense for Research and Engineering (OASD(R&E)). The OASD(R&E) staff augments their responsibilities through connections to technology experts in various fields throughout academia, industry, and government. The Defense Support Teams project supports the directed responsibilities, by building teams of technology experts, to conduct program technical health check-ups. The teams analyze the key engineering problem areas and offer adjustments in the development and test plans; alternate technical approaches; or new technologies that could enable successful development. The teams provide unbiased reviews, and gather advice from the Nation's leading technical experts.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Title: Defense Support Teams	1.480	1.468	2.116
Description: The Defense Support Teams project supports the directed responsibilities by building teams of technology experts to conduct program technical health check-ups. The teams analyze the key problem areas, and offer adjustments in the development plans; alternate technical approaches; or new technologies that could enable successful development. The teams provide unbiased reviews, and gather advice from the Nation's leading technical experts.			
FY 2015 Accomplishments: Established support teams, and conducted technology analyses to support R&E program investment decisions. For selected acquisition programs and efforts, reviewed in technical detail the respective program issues, and offered technical solutions to program managers. Assessed the maturity of technologies that are candidates for transition to acquisition programs.			
FY 2016 Plans: Establish support teams, and conduct technology analyses to support R&E program investment decisions. For selected acquisition programs and efforts, review in technical detail the respective program issues, and offer technical solutions to program managers. Assess the maturity of technologies that are candidates for transition to acquisition programs.			
FY 2017 Plans: Establish support teams, and conduct technology analyses to support R&E program investment decisions. For selected acquisition programs and efforts, review in technical detail the respective program issues, and offer technical solutions to program managers. Assess the maturity of technologies that are candidates for transition to acquisition programs.			
Accomplishments/Planned Programs Subtotals	1.480	1.468	2.116

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense		Date: February 2016
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*	**Project (Number/Name)** P798 / *Defense Support Teams*

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

Several indicators allow the Department to measure the success of the Defense Technology Analysis (DTA) PE. The number of technological introspections, as evidenced by completed support teams and OASD(R&E) influence on acquisition decisions, serve as valuable indicators of the program's effectiveness. The establishment and outputs of Defense Support Teams are additional indicators of program metrics. Feedback into the oversight mechanisms of the science and technology (S&T) program, to guide investment decisions, serve as additional metrics.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense			Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605798D8Z / *Defense Technology Analysis*	Project (Number/Name) P579 / *Critical Technology Assessments*	

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
P579: *Critical Technology Assessments*	-	0.584	0.799	1.202	-	1.202	1.322	1.426	1.440	1.468	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Critical Technology Assessments provide the technical reference guidance in support of development and implementation of DoD technology security policies on international transfers of defense related goods, services, and technologies. The export control program provides an ongoing assessment and analysis of global goods and technologies. Determines significant advances in the development, production, and use of military capabilities by potential adversaries. Determines goods and technologies being developed worldwide with potential to significantly enhance or degrade U.S. military capabilities in the future. Identified in the Export Administration Act of 1979, and extended by Presidential Executive Order, to review militarily critical goods and technologies, and to consider worldwide technology capabilities. The Militarily Critical Technologies List (MCTL) is a congressionally mandated source document for identification of leading edge and current technologies monitored worldwide for national security, nonproliferation control of weapons of mass destruction, and advanced conventional weapons.

Specific activities include:
- Monitor and assess dual-use and military technologies worldwide.
- Assist in the development of proposals for negotiation in various multilateral export control regimes.
- Provide limited worldwide technology capability assessments for the MCTL and other U.S. international critical technologies efforts.
- Identify and determine technical parameters for proposals for international control of weapons of mass destruction.
- Identify foreign technologies of interest to the DoD and opportunities for international cooperative research and development.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Title: Critical Technology Assessments	0.584	0.799	1.202
Description: Critical Technology Assessments provide the technical reference guidance in support of development and implementation of DoD technology security policies on international transfers of defense related goods, services, and technologies. The export control program provides an ongoing assessment and analysis of global goods and technologies. Determines significant advances in the development, production, and use of military capabilities by potential adversaries. Determines goods and technologies being developed worldwide with potential to significantly enhance or degrade U.S. military capabilities in the future.			
FY 2015 Accomplishments: - Maintained technical interface to technology security organizations and functions. - Maintained interface with user community for critical technology assessments.			

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense		Date: February 2016
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*	**Project (Number/Name)** P579 / *Critical Technology Assessments*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
- Maintained prototype process and capability 'on the shelf', so-as-to enable the implementation of a DOD-wide technical reference, if required ***FY 2016 Plans:*** - Maintain technical interface to technology security organizations and functions. - Maintain interface with user community for critical technology assessments. - Continue development of automated technology identification prototype. - Maintain prototype process and capability 'on the shelf', so-as-to enable the implementation of a DOD-wide technical reference, if required. ***FY 2017 Plans:*** - Maintain technical interface to technology security organizations and functions. - Maintain interface with user community for critical technology assessments. - Continue development of automated technology identification prototype. - Maintain prototype process and capability 'on the shelf', so-as-to enable the implementation of a DOD-wide technical reference, if required.			
Accomplishments/Planned Programs Subtotals	0.584	0.799	1.202

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

- Currency of the user community of critical technology assessments.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense			Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605798D8Z / *Defense Technology Analysis*	Project (Number/Name) P102 / *Data Vulnerability Assessment and Analysis*	

COST ($ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
P102: *Data Vulnerability Assessment and Analysis*	-	1.657	6.107	11.472	-	11.472	13.540	14.439	14.512	14.798	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Most DoD technical information resides on unclassified networks where it is at risk of being targeted for cyber espionage campaigns. Protecting DoD unclassified controlled technical information is a high priority for the Department, and is critical to preserving intellectual property and competitive capabilities of our national industrial base. To maintain full confidence in our systems, the Department must also assess the effect the loss of this information has on our warfighting capabilities. DoD contractors who produce or access controlled technical information must incorporate security standards on their networks, and report cyber-intrusion incidents that result in the loss of this information. These requirements are important, but insufficient in the face of a determined adversary. The Department must take steps to understand the impacts of losses and rethink how we safeguard our capabilities. This information, while unclassified, includes data and intellectual property concerning defense systems requirements, concepts of operations, technologies, designs, engineering, systems production, and component manufacturing.

This project supports protection of unclassified controlled technical information, and analysis of losses, to determine consequences and appropriate requirements, acquisition, programmatic, and strategic courses of action.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Title: Data Vulnerability Program	1.657	6.107	11.472
Description: The Data Vulnerability Assessment and Analysis project will establish a joint analysis capability to conduct comprehensive assessments of controlled unclassified technical information losses, and engaging acquisition and intelligence sources, to determine consequences and appropriate preventative/mitigation actions.			
FY 2015 Accomplishments: Prototyped an initial joint analysis concept of operations, and provided support for one to three net loss assessment cases. Case one consisted of an integrated blue and red assessment of compromised controlled unclassified technical information. End product contains a demonstration of linkages between Acquisition, Counterintelligence, Law Enforcement, and Intelligence Communities regarding net assessment of technical data losses. The net assessment identified potential new targets for further action. Additional protection mechanisms are being identified to inform program protection planning activities for capabilities affected by information targeted in the case. Case two is still in progress, and is attempting to identify linkage incorporating small business research efforts into acquisition programs.			
FY 2016 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2017 Office of the Secretary Of Defense		Date: February 2016
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605798D8Z / *Defense Technology Analysis*	**Project (Number/Name)** P102 / *Data Vulnerability Assessment and Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2015	FY 2016	FY 2017
Continue to develop the joint analysis capability to support net loss assessments by enabling collaboration between the acquisition, intelligence, counterintelligence, law enforcement, and operations communities as called out in the, “Strengthen cybersecurity throughout the product lifecycle,” portion of the Better Buying Power 3.0 initiative, and the DoD Cyber Strategy. The FY 2016 effort will continue to demonstrate the ability of the joint analysis capability to scale; develop dynamic links with program protection planning activities; and demonstrate advanced analytic tools, coupled with identification of additional information feeds/ sources of data. ***FY 2017 Plans:*** Continue to identify and engage appropriate partnerships, especially between the acquisition community and the Intelligence Community/ Counterintelligence Community. These partnerships will continue FY 2016 efforts to develop dynamic links with program protection efforts, identify and apply resources to priority programs, and begin to anticipate proactive protection functions. In FY 2017, necessary policy and guidance will be matured to enable transition of the joint analysis capability to initial operational capability.			
Accomplishments/Planned Programs Subtotals	1.657	6.107	11.472

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

The Data Vulnerability Assessment and Analysis metric is the number of completed cases.

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