Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Technical Information Center	Date: March 2024
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605801KA / *Defense Technical Information Center*

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	499.763	62.602	65.715	66.247	-	66.247	66.554	67.033	68.404	69.999	Continuing	Continuing
001: *Defense Technical Information Center*	450.328	57.586	60.699	61.231	-	61.231	61.538	62.017	63.388	64.983	Continuing	Continuing
002: *Information Analysis Centers*	49.435	5.016	5.016	5.016	-	5.016	5.016	5.016	5.016	5.016	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Technical Information Center (DTIC) is essential to DoD's research and innovation ecosystem. Capturing, curating, and sharing current and past research results enables new efforts to start with an understanding of what has been done, what did not prove out, what the current state is, and what is trending to fortify success. DTIC is a catalyst for researchers to deliver new and upgraded capability and avoid rework while shortening the time to field new capabilities. Recognizing the critical need to maintain and advance the U.S. position in near-peer competition, DTIC's knowledge base and interfaces increase the pace of innovation, technical maturity, and the return on investment of research activities.

With a new foundation of artificial intelligence (AI) and machine learning (ML) enabled tools, DTIC is refining and developing new models to enhance discovery and encourage collaboration across the research and engineering enterprise and the warfighting community. AI modeling supports new ways to explore information, and in turn, enables new ways to draw understanding, recognize Science and Technology (S&T) return on investment, track technology maturation, and identify key research. Today, DTIC is evaluating and assessing tools that will: increase the relevance of search results; summarize papers; improve data quality; improve document technology categorization; and follow author citations to discover related past work and key research. DTIC continues to track technology maturation to avail itself of cutting-edge technologies to enhance the research efforts of members of the Research and Engineering (R&E) and S&T communities. For example, DTIC is researching current options and technology designed to validate the results from ChatGPT and other generative AI tools to reduce AI hallucinations, or false information presented as fact. A critical next step will be to optimize models and focus on efficiency to reduce the impact of high compute costs limiting activities.

DTIC's Information Analysis Centers (IACs) provide industry subject matter experts (SMEs) with answers to quick turn questions and the ability to facilitate further research through short term task orders and complex multi-year research and prototyping efforts.

Utilizing the United States Air Force (USAF) Cloud One environment and working with both the Defense Innovation Unit (DIU) and the R&E Joint Reserve Directorate (JRD), DTIC is utilizing AI and ML technologies, with development, security, and operations (DevSecOps, or rapid security focused development) capability to provide users state of the art innovative discovery and submission tools. The focus for FY 2025 is continued enhancement of discovery and analysis across all DTIC-operated networks – public (Impact Level (IL) 2), controlled unclassified information (CUI) (IL 4) and classified (IL 6) – while adding consolidation and delivery of a modern submission pipeline based on ecommerce best practices to simplify and reduce effort for submitters, provide them tracking and visibility, and improve the quality and completeness of submissions.

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In concert with congressional and R&E community interest, DTIC modernization efforts are informed by the DoD community to transform distribution, enhance collection, strengthen analytical capabilities on science and technology (S&T) content, and support the management of research data sets. Ongoing modernization activities embrace data-driven concepts and leverage commercial innovations and opens the opportunity to draw new insights, recognize relationships, and track activity.

DTIC is using on-demand compute resources and DevSecOps to deliver a stream of products and user-sought insights and, in the process, reduce the timelines and investments in user interfaces and data fields. Rather than each search returning in seconds, DTIC is executing multiple concurrent searches in response to user queries to provide a complete portfolio of S&T activity, allowing users to select the most relevant information for their needs. DTIC will note choices and tailor future results for those users.

DTIC holds a knowledge base of nearly 5 million information records and is working with the R&E and S&T communities to increase its repository, enhance completeness of those records already in the collection, assure quality of records submitted, and federate to additional information stores and resources. To meet Open Science objectives, DTIC is expanding its inventory of peer-reviewed journal articles funded by the DoD, linking to additional sources, and providing access to all users without embargo, to include links to digital data sets. DTIC is engaged with the Department's Chief Digital and Artificial Intelligence Officer (CDAO) to seek methods to improve data quality, focusing on opportunities made possible through enterprise data management and other advances in technology, to include but not limited to AI and ML.

This Program Element (PE) provides for DTIC mission operations, which are focused on three core activities: Content, Discovery, and Information Analysis Centers (IAC):

a) Content: Includes the S&T repository DoD and Service records (reports and research data). DTIC acquires and prepares 80 thousand records a year, aligned to critical technology areas, DoD Communities of Interest (CoIs), and technology areas to aid discovery. As a state-of-the-art electronic document submission pipeline is implemented, DTIC continues leading open science activities, sharing content with Advana, conducting gap analysis to identify sources for potential materials, and federating to external collections. Ongoing efforts focus on consolidating input systems and migrating users to new submission interfaces to improve quality of material and realign resources from manual processing to end user tools. Still, DTIC receives thousands of paper and other media documents each year. These documents require manual processing; they must be digitized, scanned for Personally Identifiable Information (PII), control markings verified, and metadata extracted to aid in discovery. Further, DTIC continues to work to complete digitization of hundreds of thousands of documents on microfilm.

b) Discovery: Offers search and analysis interfaces on cloud Impact Level (IL) 4/NIPRNet (Controlled Unclassified Information, or CUI), and IL6/SIPRNet (classified), providing for situational awareness of on-going research activity across the Department. By consolidating tools, consistency improves, and the time users spend locating data will be reduced, lessening the need to be trained in collection types and content. Maintenance requirements will also be reduced, allowing the organization to focus on users and features. Data scientists and analysts will continue to develop models using AI and ML to increase community understanding of the S&T landscape; incorporate commercial analytic and search technologies to improve search results; and provide users key information and a complete picture of activity and progress. By employing tools in the cloud, DTIC will add natural language query and user self-service functions. This will move the burden of initial analysis from the user by pre-processing and presenting information products that inform and answer questions using data drawn from multiple collections. DTIC will refocus resources on information analysis and interrogation capabilities.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Technical Information Center	Date: March 2024
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c) DTIC's Department of Defense Information Analysis Centers (DoDIAC): support research and development activities across the defense systems, cyber security, information systems, and homeland defense domains to drive innovation and technological development by anticipating and responding to the research needs of the defense and broader community. The DoDIAC Program Management Office (PMO) provides core funding, management, and oversight of IACs, which are chartered by DoD to collect, research, analyze, and disseminate S&T information in specialized fields to DoD researchers and acquisition professionals. In addition, the PMO manages the $48 Billion IAC MAC, an indefinite delivery, indefinite quantity (ID/IQ) multiple award contract (MAC) that provides for new research built on prior investments and incorporates the innovations of government, industry, and academia. For the last several years, competition inherent in the IAC model has produced savings of 10-16% under projected costs, while still delivering vetted technical expertise to address DoD's complex challenges. Providing DoD labs and program managers access to thousands of industry subject matter experts, the IACs performed $2.5 Billion of customer-funded research and analysis in FY 2022 and $3.2 Billion in FY 2023, supporting over 700 organizations and over 900 research and development projects across 267 task orders. Approximately 5,759 current research artifacts from this R&D work are provided to DTIC's technical repository annually and are available to users across the Department.

DTIC MODERNIZATION

DTIC's modernization activities are cutting a path for others:
- In line to be the second activity approved for continuous authority to operate (cATO).
- The first implementation of Azure gov cloud in Cloud One.
- Early adopter working to qualify large language models (LLM) and ChatGPT within the DoD.
- The first into DoDNET.
- Working to bring commercial tools to gov clouds and use by DoD.

DTIC continues to work to ensure our users are provided access to the most relevant information, drawn from multiple sources, quickly and in one session. Users are provided with data, trends, and analysis to provide full situational awareness given their role or interest. DTIC is DoD's single central source and is an essential knowledge resource improving user results--increasing both DTIC's return on investment (ROI) and S&T's ROI. Modernization focus areas include the following:

- Readiness and Availability: The goal is to be always on and available. Using rapid failover capabilities of gov cloud, Operating System level zero-day responses from Cloud One, along with rapid deployment capabilities of DevSecOps, DTIC will increase readiness and availability, including access to on-demand compute and storage for artificial intelligence (AI) and machine learning (ML) implementation. Downtime will be reduced and access to burst compute capacity will address user needs.

- Submissions: Having consolidated submission processes in FY 2024, new tools break from past practice that tied submissions to a different interface for each collection. The consolidated process builds an integrated single pipeline with a consistent clear user interface. It is built on ecommerce capabilities, with automated steps validating metadata, tracking information to the submitter, and persistent identifiers to integrate Service feeder systems more fully with the DTIC submission system. Submitters have access to batch upload, web-based application interfaces, and system-to-system submissions. Enhancing and simplifying the submission system, along with the automation of the process, will remove barriers and result in a more complete picture (quality and quantity) of the state of knowledge and activity accessed by DTIC search, providing improved situational awareness, increased understanding, and enabling better decisions.

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- Search and Analysis: Adopting AI/ML-ready commercial search engine gives DTIC users access to a leading commercial engine and user interface features that will be continuously enhanced. Analysis and visualizations will be a key method of conveying information. Return-on-investment (ROI) for S&T will increase as users will spend less time looking for information and more time benefiting from information at DTIC (less rework, optimized efforts, enhanced analysis, and building community), improving coordination of research efforts. Analysis and data mining of DoD collections will uncover new relationships, trends, and opportunities. This foundation will be extended in FY 2025 with new models, further data enhancement, and integration of emerging technology insertion, including addition of validated AI/ML and LLM-informed products.

- Data Sets: Aided by cooperative engagement with the services and coordination within R&E, data sets continue to mature as a knowledge asset. DTIC is coordinating its approach with the CDAO and is working with the DoD S&T community to populate a research data sets directory. DTIC chairs the Research Data Executive Council (RDEC) and is an active member of the Research Data Working Group (RDWG); the Services are engaged in governance and strategy for metadata sharing, application programming interfaces (APIs), and code/tools to use. Increased awareness of existing DoD S&T data sets across the community, revalidating results, and sharing data sets and associated code/tools across Services/agencies, will provide a baseline to validate the utility of data set preservation.

OTHER MISSION PRIORITIES

Other priority and complementary DTIC mission activities are described below:
- Bring communities together supporting collaboration between researchers, warfighters, industry, academia, Federal agencies, and allies.
- Information protection: readily available to trusted users and blocked from unauthorized access.
- Develop and manage DoD's Science Technology Information Policy (STIP).
- Maintain compliance with existing public law, regulations, and guidelines.

In support of these mission operations, DTIC leases space and critical shared services (e.g., human resources (HR); financial management and accounting; contracting; cloud hosting; common-use IT services and security; communications; and civilian payroll services) from expert and efficient DoD and commercial service-providers.

SUMMARY

- DTIC actively supports the Secretary's priorities – defending the Nation, taking care of our people, and succeeding through teamwork.
- DTIC plans reflect a strong commitment to address congressional, DoD, and R&E priorities.
- Building on progress, DTIC's focus remains on growing the knowledge base, facilitating sharing, maintaining open repositories, and developing data analytics to advance discovery and understanding.
- DTIC is adopting transformational technologies to enhance collection, distribution, analysis, and research data sets to provide decision makers and Warfighters insight into the S&T research terrain.

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B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	63.184	65.715	66.581	-	66.581
Current President's Budget	62.602	65.715	66.247	-	66.247
Total Adjustments	-0.582	0.000	-0.334	-	-0.334
• Congressional General Reductions	0.000	-			
• Congressional Directed Reductions	0.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.582	-			
• Program Decisions Adjustments	-	-	-0.334	-	-0.334

Change Summary Explanation

Program Change: There is a $0.334 Million net decrease reflected in the FY 2025 Base President's Budget request. This decrease is the net change resulting from the Department's compliance with the Fiscal Responsibility Act (FRA) caps in FY 2025; a funds realignment from the Defense Information Systems Agency (DISA) for Microsoft 365 enterprise software licenses; and adjustments for civilian pay and economic assumptions regarding non-pay inflation rates.

The FY 2025 Base program includes a $0.422 Million reduction attributable to the Department's Fourth Estate Network Optimization (4ENO) information technology reform savings.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Technical Information Center											Date: March 2024	
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605801KA / *Defense Technical Information Center*				Project (Number/Name) 001 / *Defense Technical Information Center*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
001: *Defense Technical Information Center*	450.328	57.586	60.699	61.231	-	61.231	61.538	62.017	63.388	64.983	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DTIC's modernization goal is to ensure users are provided access through state of the art and emerging technology tools to the most relevant information, drawn from multiple sources, and in one session are provided full situational awareness given their role or interest. DTIC is DoD's single central source and is an essential knowledge resource improving user results increases DTIC's return on investment (ROI) and S&T's ROI.

DTIC is an enabler to DoD Science and Technology (S&T) delivery of innovation to the warfighter. By capturing the results of today's research and making it available to all DoD users, DTIC provides the building blocks for the next generation of advancement to allow researcher to start where past efforts left off. DTIC maximizes the availability and use of technical information and products resulting from Defense-funded technical activities while safeguarding national security, export control, and intellectual property rights, balancing sharing with protection. DTIC's search and collaboration applications foster innovation, competition, and identification of solutions in controlled unclassified and classified environments. Public Access/Open Science initiatives support knowledge sharing with the public.

DTIC captures the results of S&T efforts, preserves, curates, and the shares that information. Digital transformation and modernization efforts move DTIC from a provider of documents to a knowledge resource, fusing data and providing visualization to increase understanding and show trends. Collaboration tools encourage cross component coordination, and the Information Analysis Centers (IACs) provide industry subject matter experts (SMEs) to answer quick turn questions with the ability to facilitate further research through short term task orders to complex multi-year research and prototyping efforts. DTIC collects the results of DoD sponsored research from 70+ labs, Federally Funded Research and Development Centers (FFRDCs), DTIC's Information Analysis Centers (IACs), grants and other contracts. With over 700 customers, many in Programs Executive Offices (PEOs), the IACs provide support for fundamental, foundational research and technology insertion beyond milestone C.

DTIC is responsible for developing, coordinating, and enabling the scientific and technical information (STINFO) program for the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)) and the DOD scientific and technical (S&T) enterprise. In this role, DTIC drafts and manages policy for scientific and technical information (STI) exchanges for the research and engineering (R&E) community.

Utilizing the United States Air Force (USAF) Cloud One environment and working with both the Defense Innovation Unit (DIU) and the R&E Joint Reserve Directorate (JRD), DTIC is utilizing AI and ML technologies, with development, security, and operations (DevSecOps, or rapid security focused development) capability to provide users state of the art innovative discovery and submission tools. The focus for FY 2025 is continued enhancement of discovery and analysis across all DTIC-operated networks – public (Impact Level (IL) 2), controlled unclassified information (CUI) (IL 4) and classified (IL 6) – while adding consolidation and delivery of a modern submission pipeline based on ecommerce best practices to simplify and reduce effort for submitters, provide them tracking and visibility, and improve the quality and completeness of submissions.

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In concert with congressional and R&E community interest, DTIC modernization efforts are informed by the DoD community to transform distribution, enhance collection, strengthen analytical capabilities on S&T content, and support the management of research data sets. Ongoing modernization activities embrace data-driven concepts and leverage commercial innovations and opens the opportunity to draw new insights, recognize relationships, and track activity.

DTIC is using on-demand compute resources and DevSecOps to deliver a stream of products and user-sought insights and, in the process, reduce the timelines and investments in user interfaces and data fields. Rather than each search returning in seconds, DTIC is executing multiple concurrent searches in response to user queries to provide a complete portfolio of S&T activity, allowing users to select the most relevant information for their needs. DTIC will note choices and tailor future results for those users.

DTIC holds a knowledge base of nearly 5 million information records and is working with the R&E and S&T communities to increase its repository, enhance completeness of those records already in the collection, assure quality of records submitted, and federate to additional information stores and resources. To meet Open Science objectives, DTIC is expanding its inventory of peer-reviewed journal articles funded by the DoD, linking to additional sources, and providing access to all users without embargo, to include links to digital data sets. DTIC is engaged with the Department's Chief Digital and Artificial Intelligence Officer (CDAO) to seek methods to improve data quality, focusing on opportunities made possible through enterprise data management and other advances in technology, to include but not limited to AI and ML.

The Program 001 provides for DTIC mission operations, which are focused on two core activities: Content and Discovery:

Content: Includes the S&T repository DoD and Service records (reports and research data). DTIC acquires and prepares 80 thousand records a year, aligned to critical technology areas, DoD Communities of Interest (CoIs), and technology areas to aid discovery.

a. DTIC will work with our partners to identify service offerings and complete a market survey to identify the current combination of technologies. Ongoing efforts focus on consolidating input systems and migrating users to new submission interfaces to improve quality of material and realign resources from manual processing to end user tools.
b. A state-of-the-art electronic document submission pipeline is being implemented, reducing the effort needed to process the thousands of paper and other media to drop off points.
c. DTIC will continue efforts to improve the quality of existing and new materials and completeness of collections.
d. Some documents require manual processing, must be digitized, scanned for Personally Identifiable Information (PII), verify control markings, and extract the metadata used to aid discovery. Further, DTIC continues to work to complete digitization of hundreds of thousands of documents on microfilm.

DTIC continues leading open science activities, sharing content with Advana, and conducting gap analysis to identify sources for potential materials, and federating to external collections.

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Discovery: Offers search and insight on cloud Impact Level (IL)4/NIPRNet (Controlled Unclassified Information, or CUI), and IL6/SIPRNet (classified), providing for situational awareness of on-going research activity across the Department. By consolidating tools consistency improves, time users spend locating data well be reduced, lessening the need to be trained in collection types and content, reduce maintenance requirements allowing focus on users and features. Data scientist and analyst will continue to develop models using AI and ML to increase community understanding of the S&T landscape; incorporate commercial analytic and search technologies to improve search results; and provide users key information and a complete picture of activity and progress. By employing tools now and in the cloud, adding natural language query, and user self-service functions, DTIC looks to move the burden and of initial analysis from the user by pre-processing and presenting information products that inform and answer questions using data drawn from multiple collections. DTIC will refocus resources on information analysis and interrogation capabilities.

DTIC MODERNIZATION

DTIC continues to work to ensure our users are provided access to the most relevant information, drawn from multiple sources, quickly and in one session. Users are provided with data, trends, and analysis to provide full situational awareness given their role or interest. DTIC is DoD's single central source and is an essential knowledge resource improving user results--increasing both DTIC's return on investment (ROI) and S&T's ROI. Modernization focus areas include the following:

- Readiness and Availability: The goal is to be always on and available. Using rapid failover capabilities of gov cloud, Operating System level zero-day responses from Cloud One, along with rapid deployment capabilities of DevSecOps, DTIC will increase readiness and availability, including access to on-demand compute and storage for artificial intelligence (AI) and machine learning (ML) implementation. Downtime will be reduced and access to burst compute capacity will address user needs.

- Submissions: Having consolidated submission processes in FY 2024, new tools break from past practice that tied submissions to a different interface for each collection. The consolidated process builds an integrated single pipeline with a consistent clear user interface. It is built on ecommerce capabilities, with automated steps validating metadata, tracking information to the submitter, and persistent identifiers to integrate Service feeder systems more fully with the DTIC submission system. Submitters have access to batch upload, web-based application interfaces, and system-to-system submissions. Enhancing and simplifying the submission system, along with the automation of the process, will remove barriers and result in a more complete picture (quality and quantity) of the state of knowledge and activity accessed by DTIC search, providing improved situational awareness, increased understanding, and enabling better decisions.

- Search and Analysis: Adopting AI/ML-ready commercial search engine gives DTIC users access to a leading commercial engine and user interface features that will be continuously enhanced. Analysis and visualizations will be a key method of conveying information. Return-on-investment (ROI) for S&T will increase as users will spend less time looking for information and more time benefiting from information at DTIC (less rework, optimized efforts, enhanced analysis, and building community), improving coordination of research efforts. Analysis and data mining of DoD collections will uncover new relationships, trends, and opportunities. This foundation will be extended in FY 2025 with new models, further data enhancement, and integration of emerging technology insertion, including addition of validated AI/ML and large language models (LLM) informed products.

- Data Sets: Aided by cooperative engagement with the services and coordination within R&E, data sets continue to mature as a knowledge asset. DTIC is coordinating its approach with the CDAO and is working with the DoD S&T community to populate a research data sets directory. DTIC chairs the Research Data Executive Council

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(RDEC) and is an active member of the Research Data Working Group (RDWG); the Services are engaged in governance and strategy for metadata sharing, application programming interfaces (APIs), and code/tools to use. Increased awareness of existing DoD S&T data sets across the community, revalidating results, and sharing data sets and associated code/tools across Services/agencies, will provide a baseline to validate the utility of data set preservation.

OTHER MISSION PRIORITIES

Other priority and complementary DTIC mission activities are described below:
- Bring communities together supporting collaboration between researchers, warfighters, industry, academia, Federal agencies, and allies.
- Information protection: readily available to trusted users and blocked from unauthorized access.
- Develop and manage DoD's Science Technology Information Policy (STIP).
- Maintain compliance with existing public law, regulations, and guidelines.

In support of these mission operations, DTIC leases space and critical shared services (e.g., human resources (HR); financial management and accounting; contracting; cloud hosting; common-use IT services and security; communications; and civilian payroll services) from expert and efficient DoD and commercial service-providers.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Defense Technical Information Center	57.586	60.699	61.231
FY 2024 Plans: - Enhance cutting edge technology, computational power offered in the cloud, machine learning (ML), and artificial intelligence (AI) to provide enhanced insight into the science and technology (S&T) enterprise with support for decision makers and researchers. -- Continue to improve our search technologies and ranking algorithms to provide the most relevant documents. -- Provide analysis and linkages of past, current, and planned activities to enhance the tracking of research transitions. -- Continue to discover relationships to show connections between researchers, organizations, scientific specialties, and published works to better display the S&T landscape. -- Enhance the presentation of information in visualizations making trends and gaps easier to recognize. -- Improve user's ability to access DTIC data (e.g., via Application Programming Interfaces) to enable further analysis using their own tools. -- Create associations between researchers, institutions, and technology, permitting research efforts further enhancing collaboration and information sharing on emerging technology. -- Facilitate the citation of content in DTIC's collections by customers, predominantly authors of technical reports. - Migrate collaboration content and knowledge management platforms to the Air Force Cloud One services. -- Reassess and enhance collaborative tools, to ensure our valued customers are receiving the most pertinent features and technologies to meet their mission needs. -- Restructure collaboration tools for improved user experience, sharing, organization, and efficiency. -- Improve and streamline collaborative communications and coordination between S&T and the warfighting community.			

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
- Enhance DTIC's Identity and Access Management (IAM) and implement on NIPR products and services once products and services are migrated to the commercial cloud. -- Initiate a user profile model to better understand user needs, map outreach messaging to personas, and maximize customer systems engagement. -- Connect users with exceptional experiences that are secure, simple, seamless, personalized, and centralized. -- Evaluate the digital ecosystem to provide enhanced support for the remote workforce across digital channels. - Continue to unify DTIC's products and services user interface to increase customer satisfaction. -- Reevaluate and enhance the DTIC Web Style Guide to expand Web Accessibility compliance and Web Design standards. - Prototype Service pipeline connection to DTIC. -- Federates data pipelines with Service workflows and leverage AI/ML at the edge; acquiring data for more complete picture of the S&T domain. - Replace submission pipeline, field e-commerce submission features for customer use. -- Encourages increased submissions thru application of ML processes such as: e-commerce features (prepopulated fields), auto-generated summaries, recommended document tags, Personally Identifiable Information (PII) screening, classification confirmation, and distribution code check. - Reassess R&E engagement and outreach activities and focus on those providing the greatest value. -- Improve metrics that measure return on investment for outreach activities. -- Better understand our customer personas and customize associated targeted engagements. -- Encourage authors of submitted DoD publications and DoD researchers to be registered DTIC users. - Transition classified/Impact Level 6 (IL6) content and data to Cloud One hosting. - Build artificial intelligence (AI) and machine learning (ML) models of S&T activity, where technology is progressing. - Continue to collaborate with DoD Labs on DoD Data set Directory, to promote completeness of records within the directory and encourage its use to provide consolidated location for discovering data sets associated with DoD-funded research. -- Continue to coordinate on data interoperability standardization to streamline S&T collaboration across the DoD. -- Continue to integrate with DoD JCS Data Advantage Platform to link existing research with Joint Experimentation and Testing Capability. - Continue to publish the Journal of DoD Research and Engineering (JDRE) four times each year, including special editions.			
FY 2025 Plans: - Enhance cutting edge technology, computational power offered in the cloud, machine learning (ML), and artificial intelligence (AI) generative AI, or Large Language Models (LLMs), to provide enhanced insight into the science and technology (S&T) enterprise with support for decision makers and researchers. -- Continue to improve our search technologies and ranking algorithms to provide the most relevant documents. -- Continue to provide analysis and linkages of past, current, and planned activities to enhance the tracking of research transitions.			

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Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605801KA / *Defense Technical Information Center*	**Project (Number/Name)** 001 / *Defense Technical Information Center*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
-- Continue to discover relationships to show connections between researchers, authors, organizations, scientific specialties, and published works to better display the S&T landscape. Assess capabilities to connect customers to authors. -- Continue to enhance the presentation of information in visualizations making trends and gaps easier to recognize. -- Continue to improve user's ability to access DTIC data (e.g., via Application Programming Interfaces) to enable further analysis using their own tools. -- Continue to create associations between researchers, authors, institutions, and technology, permitting research efforts further enhancing collaboration and information sharing on emerging technology. -- Continue to facilitate the citation of content in DTIC's collections by customers, predominantly authors of technical reports. -- Assess implementing customer relationship management tools and AI/ML to better understand and serve our customers. - Migrate collaboration content and knowledge management platforms to the Air Force Cloud One services. -- Continue to reassess and enhance collaborative tools, to ensure our valued customers are receiving the most pertinent features and technologies to meet their mission needs. -- Continue to restructure collaboration tools for improved user experience, sharing, organization, and efficiency. -- Continue to improve and streamline collaborative communications and coordination between S&T and the warfighting community. -- Maintain and enhance DoDTechipedia capability for users. -- Maintain a secured collaboration platform with Zero-day tolerance. -- Develop and share best practices with the user communities. -- Provide regular training to users to communicate new software features and gather user feedback for continuous improvement. -- Continue to improve and streamline collaborative communications and coordination between S&T and the warfighting community. - Enhance DTIC's Identity and Access Management (IAM) and implement on NIPR products and services once products and services are migrated to the commercial cloud. -- Initiate a user profile model to better understand user needs, map outreach messaging to personas, and maximize customer systems engagement. -- Connect users with exceptional experiences that are secure, simple, seamless, personalized, and centralized. -- Evaluate the digital ecosystem to provide enhanced support for the remote workforce across digital channels. -- Further automate the DTIC registration system to enhance seamless registration. - Continue to unify DTIC's products and services user interface to increase customer satisfaction. -- Continue to reevaluate and enhance the DTIC Web Style Guide to expand Web Accessibility compliance and Web Design standards. -- Improve user experience on DTIC digital products and services by unifying user interface and implementing web accessibility. -- Consolidate user interface components in DTIC's new cloud environment. -- Provide guidance on building Section 508 (equal access) friendly applications.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Technical Information Center		Date: March 2024
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605801KA / *Defense Technical Information Center*	**Project (Number/Name)** 001 / *Defense Technical Information Center*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
-- Develop a plan on methods to continue obtaining user feedback for continuous improvement. - Reassess R&E engagement and outreach activities and focus on those providing the greatest value. -- Continue to improve metrics that measure return on investment for outreach activities. -- Continue to better understand our customer personas and customize associated targeted engagements. -- Continue to encourage authors of submitted DoD publications and DoD researchers to be registered DTIC users. -- Assess dormant DTIC customers to determine why they discontinued using DTIC tools and how DTIC can improve. - Build artificial intelligence (AI) and machine learning (ML) models of S&T activity, where technology is progressing. - Continue to publish the Journal of DoD Research and Engineering (JDRE) four times each year, including special editions. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Compared to FY 2024 Base funding levels, the FY 2025 Base reflects an increase of $0.532 Million. The net funding increase reflected in this program is largely due to adjustments for civilian pay and economic assumptions regarding non-pay inflation rates.			
Accomplishments/Planned Programs Subtotals	57.586	60.699	61.231

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Technical Information Center											Date: March 2024	
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605801KA / *Defense Technical Information Center*				Project (Number/Name) 002 / *Information Analysis Centers*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
002: *Information Analysis Centers*	49.435	5.016	5.016	5.016	-	5.016	5.016	5.016	5.016	5.016	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Department of Defense Information Analysis Centers (DoDIAC), established under DoD Instruction 3200.14, serve as a vital resource in providing timely, relevant information directly to users when and where it is needed. IACs serve as a bridge between the warfighter and the Acquisition/Research community, providing essential technical analysis and data support to a diverse customer base, to include the Combatant Commands (CCMD), the Office of the Secretary of Defense, Defense Agencies, and the Military Services. IACs actively partner and collaborate with Defense Research and Engineering (R&E) focus groups and communities of interest in areas of specialized fields or specific technologies. The IACs are analysis centers staffed with scientists, engineers, and information specialists to provide research and analysis to customers with diverse, complex, and challenging requirements. DoDIAC supports development and maintenance of comprehensive scientific knowledge bases, including historical, technical, scientific, and other data collected throughout the world and pertinent to DoD S&T thrust areas and critical technology areas, providing technology developers, warfighters, program managers, and other stakeholders access to tools, research, testing, evaluation, and training methods that can best contribute to fulfilling their mission.

The DoDIAC currently partners with over 700 unique organizations to identify and fill DoD's technological gaps by (1) creating the missing information through analysis and/or synthesis of available ongoing research and Scientific and Technical Information (STI), or (2) utilizing available research and STI to support applied and basic research programs, or (3) performing primary research directly or jointly with other agencies where STI sharing is a requirement.

The DoDIAC leverages existing bodies of scientific knowledge within DTIC's repository and other repositories enabling innovative reuse. In FY 2023, the DoDIAC produced 4,976 Technical Inquiries and, 169 technical products and publications, 42 SME training events (webinars or classroom) to capitalize on available STI and maximize their budget by locating and analyzing data, information, and tools that were used in the development of similar solutions throughout the world. Both the research gaps and the potential partnership opportunities are further synthesized into information and produced as a useful input when engineering new requirements for an R&D project owner's need. Through its research support services and innovative contracting mechanisms, the DoDIAC fosters a design of collaborative and responsible innovation to create building blocks of new research, creating a loop of continuous capability development while adding over 5759 new research documents to the DTIC repository yearly. In FY 2023, DoDIAC onboarded 79 new DoD organizations to its existing base of over 700 active organizations while creating and facilitating reuse of researching findings in the areas 22 technical focus areas including microelectronics, hypersonic, directed energy, cyber, autonomy, artificial intelligence (AI) and machine learning (ML). IAC operations, in concert with National Defense Strategy objectives, directly support the warfighter, and play an ongoing and critical role in solving key CCMD operational issues such as cyber security, unmanned aerial vehicle visual/audible signature reduction, and improvements to the ballistic resistance of body armor. While the appropriated budget has not increased since 2004, the DoDIAC has continued to advance its capabilities to meet the evolving needs of the DoD S&T community, and the demand for its services has grown exponentially, exceeding $3.2 Billion in joint R&D projects in FY 2023.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Technical Information Center		Date: March 2024
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605801KA / *Defense Technical Information Center*	**Project (Number/Name)** 002 / *Information Analysis Centers*

The IAC Program Management Office at DTIC performs contract acquisition, program management, and operational support for IAC contract operations and the technical information that is generated as a result of research and studies. In a time of shrinking budgets and increasing responsibility, The DoDIAC answers technical inquiries; conducts basic and applied research; develops, tests, and implements new technologies and approaches; analyzes and synthesizes existing data and information; facilitates collaboration and knowledge sharing, evaluates the current state-of-the-art, identifies knowledge gaps, and implements solutions, and provides knowledge products to enhance researcher understanding. The DoDIAC services are funded in part through partnerships with the Defense R&E community and the annual collection of customer reimbursements for their share of direct costs, in accordance with the IAC Reimbursable Review Board (IRRB) recommendations. This represents the maximum cost-sharing with IAC customers allowable, per guidance from the OSD Office of General Counsel. Annual IAC efforts and accomplishments are dependent on the level of participation and collaboration by the R&E community at large.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Information Analysis Centers	5.016	5.016	5.016
FY 2024 Plans: - Though new rules on eligible collections (restricting them to only government-funded research) have reduced the number of reports that can be submitted to DTIC, meet or exceed the number of reports acquired in FY 2023. - Continue to provide rapid answers to Technical Inquiries for DoD government researchers, meeting or exceeding the number of Inquiries answered in FY 2023 and provide relevant scientific-technical products to the DTIC repository generated by the DoDIAC. - Provide research and analysis services to the DoD research community via the DoDIAC $48 Billion multiple award contracts (IAC MAC), meeting or exceeding the amount of contract ceiling awarded in FY 2023; provide program strategy that aligns to, and evolves with, DoD overarching research goals. - Start working on IAC MAC follow-on to ensure continuous coverage of support to meet DoD research needs. -- Develop and issue a request for proposal (RFP) for an On-Ramp of new large and small business vendors on the current IAC MAC vehicle to ensure increased competition and provide new vendor capabilities to our customers. - Expand usage of the IAC program research and analysis services by increasing the number of new users of the service, ensuring that new technology areas of research are supported by the expertise of the DoDIAC industry partners across the DoDIAC's three domain areas (Cyber Security, Defense Systems, and Homeland Defense). - Continue to highlight the research and analysis services offered by the IACs to DoD researchers working in Basic Research areas, particularly those in DoD laboratories.			
FY 2025 Plans: - Though new rules on eligible collections (restricting them to only government-funded research) have reduced the number of reports that can be submitted to DTIC, meet or exceed the number of reports acquired in FY 2024. - Continue to provide rapid answers to Technical Inquiries for DoD government researchers, meeting or exceeding the number of Inquiries answered in FY 2024 and provide relevant scientific-technical products to the DTIC repository generated by the DoDIAC. - Provide research and analysis services to the DoD research community via the DoDIAC $48 Billion multiple award contracts (IAC MAC), meeting or exceeding the amount of contract ceiling awarded in FY 2024; provide program strategy that aligns to, and evolves with, DoD overarching research goals.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Technical Information Center		Date: March 2024
Appropriation/Budget Activity 0400 / 6	**R-1 Program Element (Number/Name)** PE 0605801KA / *Defense Technical Information Center*	**Project (Number/Name)** 002 / *Information Analysis Centers*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
- Continue working on IAC MAC follow-on to ensure continuous coverage of support to meet DoD research needs. - Expand usage of the IAC program research and analysis services by increasing the number of new users of the service, ensuring that new technology areas of research are supported by the expertise of the DoDIAC industry partners across the DoDIAC's three domain areas (Cyber Security, Defense Systems, and Homeland Defense). - Continue to highlight the research and analysis services offered by the IACs to DoD researchers working in Basic Research areas, particularly those in DoD laboratories. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** - There is no change in the FY 2025 Base, as compared to the FY 2024 Base.			
Accomplishments/Planned Programs Subtotals	5.016	5.016	5.016

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A