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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	9.313	6.008	41.003	-	41.003	38.696	39.427	39.847	40.292	0.000	214.586
CK4: <i>Intelligence Apps and Integration (MIP)</i>	-	9.313	6.008	23.697	-	23.697	38.696	39.427	39.847	40.292	0.000	197.280
DD8: <i>Army Intelligence Data Platform (AIDP)</i>	-	-	-	8.899	-	8.899	-	-	-	-	0.000	8.899
DD9: <i>Geospatial Intelligence (GEOINT)</i>	-	-	-	8.407	-	8.407	-	-	-	-	0.000	8.407

A. Mission Description and Budget Item Justification

Multi-Domain Intelligence (MDI) is the Army Intelligence Enterprise's overarching modernization framework that drives Military Intelligence (MI) modernization priorities to field a ready Army Intelligence team supporting Mission Command against all threats in Multi-domain Operations (MDO) by 2028. The MDI framework will enable intelligence professionals to execute the intelligence cycle and associated doctrinal functions with increased speed, precision, and accuracy in both competition and conflict. The framework's emphasis on modernizing sensors, enhancing data management practices, and advancing analytical tradecraft through technology will support commanders' ability to make sound, timely decisions, placing friendly forces in a position of decisive advantage.

The Intelligence Applications and Integration (Intel Apps) Program is a software-centric, hardware agnostic ACAT III Program that will provide the Next Generation intelligence capabilities aligned to the National Defense Strategy and Multi-Domain Operations by enabling intelligence professionals to work through the intelligence cycle with increased speed, precision and accuracy. The Intel Apps Program will synchronize applications (including All Source, Information Collection, Weather effects, Intelligence Support to Targeting, and Single Intelligence capabilities (HUMINT, SIGINT, IMINT)) to be integrated into a Cloud environment, the Command Post Computing Environment (CPCE), or any dedicated hardware platform, thus eliminating redundant, stove-piped, and resource intensive applications.

The MDI funding will be used to enable Capability Drop 2 (CD2)/Army Intelligence Data Platform (AIDP) to incorporate user feedback in a Continuous Integration/Continuous Deployment (CI/CD) environment by transitioning from traditional JCIDS acquisition to the Software Acquisition Pathway. This environment will also implement a Development Security Operations (DEVSECOPS)) approach for generating user feedback into system enhancements/improvements.

The MDI funding will also be used for the modernization of Geospatial capabilities currently being used in the Army by purchasing the latest and most effective hardware and software available. The emphasis will be on establishing an Enterprise-level capability, the Army Integrated Geospatial Enterprise Capability (AIGEC). The Army will be focused on leveraging commercial items and proven technology to the maximum extent possible as the methods to provide capabilities in the fastest and most efficient means possible.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army	Date: March 2023
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>
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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	9.313	19.911	41.870	-	41.870
Current President's Budget	9.313	6.008	41.003	-	41.003
Total Adjustments	0.000	-13.903	-0.867	-	-0.867
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-13.903			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-0.867	-	-0.867

Change Summary Explanation

Decreased funding to support higher Army priorities.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army										Date: March 2023		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605224A / Multi-Domain Intelligence				Project (Number/Name) CK4 / Intelligence Apps and Integration (MIP)			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
CK4: <i>Intelligence Apps and Integration (MIP)</i>	-	9.313	6.008	23.697	-	23.697	38.696	39.427	39.847	40.292	0.000	197.280
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Intelligence Applications and Integration (Intel Apps) Program is a software-centric, hardware agnostic, ACAT III Program that will provide the Next Generation intelligence capabilities aligned to the National Defense Strategy and Multi-Domain Operations by enabling intelligence professionals to work through the intelligence cycle with increased speed, precision and accuracy. The Intel Apps Program will synchronize applications (including All Source, Information Collection, Weather effects, Intelligence Support to Targeting, Geospatial Intelligence (GEOINT) and Signals Intelligence (SIGINT)) into a Cloud environment, with Command Post Computing Environment (CPCE), or any dedicated platform, across all Army echelons, thus eliminating redundant, stove-piped, and resource-intensive applications.

The FY24 funds in the amount of \$23.697 million will focus on the development and testing of the Weather Operational Effects (Apps 3) and Information Collection Management (Apps 4), Operational Testing of Apps 1 & 2, All Source II and Intel Support to Targeting, and Market Research of subsequent applications.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: Intelligence Applications and Integration	9.313	6.008	6.464
Description: Provide Next Generation intelligence capabilities. Initiate activities for Apps 7 and 8 Market Research. Each application is on a two year cycle, therefore by year 2+ and every year beyond there will be overlap between released applications.			
FY 2023 Plans: Testing of the All Source and Intelligence Support to Targeting applications and initiate necessary Market Research for future Intelligence Applications.			
FY 2024 Plans: Development of the Information Collection Management and Weather Operational Effects applications, Operational Testing of Apps 1 & 2 (All Source II and Intel Support to Targeting) and the necessary Market Research for future Intelligence Applications.			
FY 2023 to FY 2024 Increase/Decrease Statement: Increase in FY2024 funding to account for additional tasks in the portfolio such as development and testing of the increasing number of intelligence applications.			
Title: Intelligence Apps 1 & 2 Integration	-	-	8.263

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) CK4 / <i>Intelligence Apps and Integration (MIP)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
Description: Provide Next Generation intelligence capabilities.			
FY 2024 Plans: Integration of Targeting and All Source applications.			
FY 2023 to FY 2024 Increase/Decrease Statement: New effort initiation.			
Title: Intelligence Apps 3 & 4	-	-	8.970
FY 2024 Plans: Initiate development of Apps 3 & 4			
FY 2023 to FY 2024 Increase/Decrease Statement: Start new efforts for next Intelligence Applications			
Accomplishments/Planned Programs Subtotals	9.313	6.008	23.697

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• K26111: <i>INTELLIGENCE APPLICATIONS</i>	-	-	32.729	-	32.729	-	-	-	-	0.000	32.729

Remarks

D. Acquisition Strategy

The acquisition strategy is to acquire the Intelligence Applications by procuring commercial products available from the marketplace, or leveraging capabilities from Agencies' and Functional Managers' standard software, or using matured intelligence capabilities from Science and Technology initiatives for integration onto the CPCE infrastructure. Based upon Market Research for the first four software applications, the government identified that commercial items will be procured via competitive contracts. Market Research for SIGINT and GEOINT will indicate whether commercial items are available or whether the Government will initiate a separate development activity. In order to meet military maturity and DoD standards, these applications will require additional modification, integration and testing support.

Most importantly, the Government is developing a government managed/open standards Application Program Interface (API) document to support the interoperability between these applications and other components within the Army's Multi-Domain Intelligence enterprise, to include the Capability Drop 1 (CD1), Capability Drop 2 (CD2)/Army Intelligence Data Platform (AIDP), and the Tactical Intelligence Targeting Access Node (TITAN) system.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605224A / Multi-Domain Intelligence				CK4 / Intelligence Apps and Integration (MIP)							
Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	Option/CPFF	QED : APG, MD	-	0.745	Dec 2021	0.272	Dec 2022	1.486	Dec 2023	-		1.486	0.000	2.503	-
Subtotal			-	0.745		0.272		1.486		-		1.486	0.000	2.503	N/A
Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering/SME Support	Option/CPFF	BOOZ ALLEN HAMILTON : APG, MD	-	3.968	Dec 2021	0.752	Dec 2022	5.341	Dec 2023	-		5.341	0.000	10.061	-
Information Assurance/Risk Management	Option/CPFF	BOOZ ALLEN HAMILTON : APG, MD	-	0.500	Dec 2021	0.112	Dec 2022	1.468	Dec 2023	-		1.468	0.000	2.080	-
Subtotal			-	4.468		0.864		6.809		-		6.809	0.000	12.141	N/A
Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Training Development	RO	C5ISR : APG, MD	-	0.900	Dec 2021	0.132	Mar 2023	1.705	Mar 2024	-		1.705	0.000	2.737	-
Integration effort into CPCE	RO	C5ISR : APG, MD	-	1.950	Dec 2021	2.613	Mar 2023	2.131	Mar 2024	-		2.131	0.000	6.694	-
Information Collection (application 3)	TBD	TBD : TBD	-	-		-		5.280	Jan 2024	-		5.280	0.000	5.280	-
Weather Operational Effects (application 4)	TBD	TBD : TBD	-	-		-		3.730	Jan 2024	-		3.730	0.000	3.730	-
Subtotal			-	2.850		2.745		12.846		-		12.846	0.000	18.441	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) CK4 / <i>Intelligence Apps and Integration (MIP)</i>

Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Milestone B Decision				▲ 1																								
All Source Applications Development				■																								
All Source Applications Integration				■																								
All Source Fielding																												
Intel Support to Targeting Applications Development				■																								
Intel Support to Targeting Applications Integration				■																								
Intel Support to Targeting Fielding																												
Information Collection Applications Development											■																	
Information Collection Applications Integration											■																	
Information Collection Fielding																												
Weather Operational Effects Applications Development											■																	
Weather Operational Effects Applications Integration											■																	
Weather Operational Effects Fielding																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) CK4 / <i>Intelligence Apps and Integration (MIP)</i>

Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028																			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																
Geospatial Intelligence (GEOINT) Applications Development																																												
GEOINT Integration																																												
GEOINT Fielding																																												
Signals Intelligence (SIGINT) Applications Development																																												
SIGINT Integration																																												
SIGINT Fielding																																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) CK4 / <i>Intelligence Apps and Integration (MIP)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Material Development Decision	2	2021	2	2021
Milestone B Decision	4	2022	4	2022
All Source Applications Development	4	2022	1	2023
All Source Applications Integration	4	2022	4	2023
All Source Fielding	1	2024	1	2027
Intel Support to Targeting Applications Development	4	2022	1	2023
Intel Support to Targeting Applications Integration	4	2022	4	2023
Intel Support to Targeting Fielding	1	2024	1	2027
Information Collection Applications Development	2	2024	4	2024
Information Collection Applications Integration	2	2024	2	2025
Information Collection Fielding	3	2025	3	2028
Weather Operational Effects Applications Development	2	2024	2	2025
Weather Operational Effects Applications Integration	2	2024	2	2025
Weather Operational Effects Fielding	4	2025	4	2028
Geospatial Intelligence (GEOINT) Applications Development	4	2024	2	2025
GEOINT Integration	4	2024	4	2025
GEOINT Fielding	2	2026	2	2029
Signals Intelligence (SIGINT) Applications Development	2	2025	4	2025
SIGINT Integration	2	2025	2	2026
SIGINT Fielding	3	2026	3	2029

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army										Date: March 2023		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>				Project (Number/Name) DD8 / <i>Army Intelligence Data Platform (AIDP)</i>			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
DD8: <i>Army Intelligence Data Platform (AIDP)</i>	-	-	-	8.899	-	8.899	-	-	-	-	0.000	8.899
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Realigned program effort within the existing Program Element 0605224A (Multi-Domain Intelligence) from project CK4 (Intelligence Apps and Integration (MIP)) to delineate support for the Army Intelligence Data Platform (AIDP) requirement.

A. Mission Description and Budget Item Justification

The Army Intelligence Data Platform (AIDP), also known as Distributed Common Ground System - Army (DCGS-A) Capability Drop 2 (CD2) is a commercial item acquisition to modernize the Army Intelligence Data Enterprise with data warehousing and advanced analytical capabilities. AIDP is operated by the Army's Intelligence Security Command (INSCOM) and uses AIDP for the Army Intelligence and Security Enterprise (AISE). AIDP provides the Army Enterprise capabilities hosted in the Cloud that supports specific functionality such as Data Ingestion (Bringing data into the system), Data Persistence (Storing data within the system), Data Egress (Sharing data with other systems), Normalization (Ensuring data is in a standardized form and format), Deduplication and Correlation (Combining data based on rules or duplication), and Advanced Analytics such as Geospatial Feasibility, Course of Action Projection, and Pattern Discovery and Detection. The AIDP RDTE funding will be used to develop and test Develop Security Operations (DEVSECOPS) system enhancements and soldier driven workflow improvements to the AIDP software.

The FY24 funds in the amount of \$8.899 million will focus on the continued development, integration, and testing of the Army Intelligence Data Platform (AIDP).

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: Army Intelligence Data Platform (AIDP)	-	-	8.899
Description: Proven technology capabilities			
FY 2024 Plans: Leverage proven technology as a means of providing capabilities in the fastest and most efficient means possible.			
FY 2023 to FY 2024 Increase/Decrease Statement: Realigned program effort within the existing Program Element 655224 from project CK4 to delineate support for the Army Intelligence Data Platform (AIDP) requirement.			
Accomplishments/Planned Programs Subtotals	-	-	8.899

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD8 / <i>Army Intelligence Data Platform (AIDP)</i>

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2022	FY 2023	FY 2024	FY 2024	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Cost To	Total Cost
			Base	OCO	Total					Complete	
• K26444: <i>ARMY INTELLIGENCE DATA PLATFORM (AIDP) (CD2)</i>	-	-	17.464	-	17.464	-	-	-	-	0.000	17.464

Remarks

D. Acquisition Strategy

The acquisition strategy is to leverage already commercially acquired software as the foundation for AIDP and make changes/add enhancements via multiple activities. These activities will include utilization of government owned/developed code and Firm -Fixed Price Engineering Change Proposals with the current AIDP Software vendor with integration via the Continuous Integration/Continuous Deployment (CI/CD) DEVSECOPS methodology. This will enable CD2/AIDP to incorporate user feedback in a CI/CD environment by transitioning from traditional JCIDS acquisition to the flexible/agile acquisition strategy such as the Software Acquisition Pathway (SWP).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605224A / Multi-Domain Intelligence				DD8 / Army Intelligence Data Platform (AIDP)							
Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Support	TBD	PM Office; QED; Matrix : APG, MD	-	-		-		0.800	Oct 2023	-		0.800	0.000	0.800	-
Subtotal			-	-		-		0.800		-		0.800	0.000	0.800	N/A
Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Army Intelligence Data Platform	Option/CPFF	ACC, APG : APG, MD	-	-		-		5.349	Mar 2024	-		5.349	0.000	5.349	-
Subtotal			-	-		-		5.349		-		5.349	0.000	5.349	N/A
Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integration Support	TBD	TBD : APG, MD	-	-		-		1.250	Nov 2023	-		1.250	0.000	1.250	-
Subtotal			-	-		-		1.250		-		1.250	0.000	1.250	N/A
Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	TBD	ATEC : APG, MD	-	-		-		1.500	Jan 2024	-		1.500	0.000	1.500	-
Subtotal			-	-		-		1.500		-		1.500	0.000	1.500	N/A
			Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract				
Project Cost Totals			-	-	-	8.899	-	8.899	0.000	8.899	N/A				

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD8 / <i>Army Intelligence Data Platform (AIDP)</i>	

Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Development Security Operations (DEVSECOPS) activities o...																												
Continuous Testing Activities																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD8 / <i>Army Intelligence Data Platform (AIDP)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Development Security Operations (DEVSECOPS) activities on contract	2	2024	1	2026
Continuous Testing Activities	2	2023	2	2025

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD9 / <i>Geospatial Intelligence (GEOINT)</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
DD9: <i>Geospatial Intelligence (GEOINT)</i>	-	-	-	8.407	-	8.407	-	-	-	-	0.000	8.407
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Realigned program effort within the existing Program Element 0605224A (Multi-Domain Intelligence) from project CK4 (Intelligence Apps and Integration (MIP)) to delineate support for the Army Integrated Geospatial Enterprise Capability (AIGEC) requirement.

A. Mission Description and Budget Item Justification

The Army Integrated Geospatial Enterprise Capability (AIGEC) is the singular set of modernized Geospatial requirements that will fold into the enduring Geospatial Workstation Tactical Server Infrastructure (GWS/TSI) and subsequent platforms. AIGEC requirements were approved in November 2021 by the 2-Star Common Operating Environment (COE) Configuration Steering Board (SCB). Funding for AIGEC advances the Geospatial Engineers ability to perform the functions of Generation, Management, Analysis & Dissemination (GMAD) of geospatial data as described in Army Technical Publication (ATP) 3-34.80. AIGEC capabilities provide the ability to meet all COE Information System Capability Description Document (IS-CDD) and Command Post Computing Environment (CPCE) Requirements Definition Package (RDP) geospatial requirements. AIGEC requirements include: generating data to fill the gaps in the Theater Geospatial Database (TGD) and Standard Sharable Geospatial Foundation (SSGF); managing the data to support the Multi Domain Operations Common Operational Picture; analyzing the terrain in support of the MDMP with predictive analysis, providing actionable information products such as the COO for IPB; and disseminating geospatial data and information via web services and hardcopy publishing.

The FY24 funds in the amount of \$8.407 million will support the development, integration and testing of Army Integrated Geospatial Enterprise Capability (AIGEC).

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: Army Integrated Geospatial Enterprise Capability (AIGEC)	-	-	8.407
Description: Effort reflects the modernization of Army Geospatial capability across all echelons.			
FY 2024 Plans: Initiate efforts for the AIGEC program modernization.			
FY 2023 to FY 2024 Increase/Decrease Statement: Realigned program effort within the existing Program Element 655224 from project CK4 to delineate support for the Army Integrated Geospatial Enterprise Capability (AIGEC) requirement.			
Accomplishments/Planned Programs Subtotals	-	-	8.407

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army	Date: March 2023
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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD9 / <i>Geospatial Intelligence (GEOINT)</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• K26222: <i>GEOSPATIAL INTELLIGENCE</i>	-	-	12.460	-	12.460	-	-	-	-	0.000	12.460

Remarks

D. Acquisition Strategy

The acquisition strategy is to acquire AEGIC by procuring or utilizing commercial products available from the market place, or leveraging capabilities from Agencies' and Functional Managers' standard software or using matured capabilities from Science and Technology initiatives. Market Research will indicate whether commercial items are available or whether the Government will initiate a separate development activity. In order to meet military maturity and DoD standards.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605224A / Multi-Domain Intelligence				DD9 / Geospatial Intelligence (GEOINT)							
Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	MIPR	PM Office; Matrix : APG, MD	-	-		-		0.800	Oct 2023	-		0.800	0.000	0.800	-
Subtotal			-	-		-		0.800		-		0.800	0.000	0.800	N/A
Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Army Integrated Geospatial Enterprise Capability (AIGEC)	Option/CPFF	ACC, APG : APG, MD	-	-		-		4.857	Mar 2024	-		4.857	0.000	4.857	-
Subtotal			-	-		-		4.857		-		4.857	0.000	4.857	N/A
Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integration Support	TBD	TBD : APG, MD	-	-		-		1.250	Jan 2024	-		1.250	0.000	1.250	-
Subtotal			-	-		-		1.250		-		1.250	0.000	1.250	N/A
Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	MIPR	ATEC : APG, MD	-	-		-		1.500	Jan 2024	-		1.500	0.000	1.500	-
Subtotal			-	-		-		1.500		-		1.500	0.000	1.500	N/A
Project Cost Totals			-	-		-		8.407		-		8.407	0.000	8.407	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army	Date: March 2023
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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD9 / <i>Geospatial Intelligence (GEOINT)</i>
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	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
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<u>Remarks</u>

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD9 / <i>Geospatial Intelligence (GEOINT)</i>
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Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Materiel Development Decision									▲ 1																			
Milestone B Decision									▲ 2																			
AIGEC Development									■																			
AIGEC Integration and Test													■															
AIGEC Fielding													■															

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605224A / <i>Multi-Domain Intelligence</i>	Project (Number/Name) DD9 / <i>Geospatial Intelligence (GEOINT)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Materiel Development Decision	4	2023	4	2023
Milestone B Decision	2	2024	2	2024
AIGEC Development	2	2024	1	2025
AIGEC Integration and Test	4	2024	2	2025
AIGEC Fielding	2	2025	1	2026