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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Counterintelligence and Security Agency **Date:** May 2021

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305146V / <i>Defense Joint Counterintelligence Activities</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing
000: <i>Adaptive Data Exchange (ADX)</i>	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing

Note

The Adaptive Data Exchange (ADX) effort continued from PE 0604130V/Enterprise Security System (ESS).

A. Mission Description and Budget Item Justification

The Defense Counterintelligence Security Agency (DCSA) is a strategic asset to the nation and our allies – continuously ensuring a trusted federal, industrial, and affiliated workforce, and enabling industry’s delivery of uncompromised capabilities by leveraging advanced technologies and innovation. DCSA uniquely blends critical technology protection, trusted personnel vetting, counterintelligence, and professional education and certification to advance and preserve America’s strategic edge.

B. Program Change Summary (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	3.820	-	3.820
Total Adjustments	0.000	0.000	3.820	-	3.820
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Element Realignment	-	-	3.820	-	3.820

Change Summary Explanation

(CUI) The Adaptive Data Exchange (ADX)- is an Advanced Persistent Threat (APT) focused cyber threat intelligence sensor platform applying advanced, threat adaptive analysis techniques for early alerting and engagement of the cyber adversary across the entire kill chain.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Counterintelligence and Security Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305146V / Defense Joint Counterintelligence Activities	Project (Number/Name) 000 / Adaptive Data Exchange (ADX)
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000: Adaptive Data Exchange (ADX)	-	-	-	3.820	-	3.820	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The Adaptive Data Exchange (ADX) effort is funded in PE 0604130V in FY2021.

A. Mission Description and Budget Item Justification

Defense Counterintelligence Security Agency (DCSA) administers ADX funding for cyber protection at cleared defense contractor sites.. Funds are provided to FBI NCIJTF to further develop and integrate a combination of advanced, data adaptive analytic techniques that provide near real-time, high confidence detection across network perimeter, internal and distributed cyber threat activities.

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

	FY 2020	FY 2021	FY 2022
Title: Adaptive Data Exchange (ADX)	-	-	3.820
Description: ADX generated multiple technical threat reports disseminated to FBI Field Office and the US Intelligence Community			
FY 2022 Plans: CUI) Enable unclassified teaming and integration with additional government and industry to integrate applications and data; Scale up and out platform architecture, deployments and data centers.			
FY 2021 to FY 2022 Increase/Decrease Statement: FY2022 increase of 3.820 is attributed to the realignment from the ESS PE: 0604130V.			
Accomplishments/Planned Programs Subtotals	-	-	3.820

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

N/A

Remarks

D. Acquisition Strategy

(CUI) FY 20-21, O&M services, 80%; hardware/software/data, 20%
 (CUI) FY 21-22, O&M/R&D Services, 99%; hardware/software/data, 1%
 (CUI) FY22-23, O&M/R&D Services, 96.5%; hardware/software/data, 3.5%
 (CUI) FY23-24, O&M/R&D Services, 98%; hardware/software/data, 2%

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Defense Counterintelligence and Security Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305146V / <i>Defense Joint Counterintelligence Activities</i>	Project (Number/Name) 000 / <i>Adaptive Data Exchange (ADX)</i>

FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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

<i>Adaptive Data Exchange (ADX)</i>	
Adaptive Data Exchange (ADX)	████████████████████

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Defense Counterintelligence and Security Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305146V / <i>Defense Joint Counterintelligence Activities</i>	Project (Number/Name) 000 / <i>Adaptive Data Exchange (ADX)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Adaptive Data Exchange (ADX)</i>				
Adaptive Data Exchange (ADX)	3	2022	3	2023