

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2015-10-13
Date of Last Change to Activities:
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-06-29
Date of Last Business Case Update: 2021-06-29
Date of Last Revision: 2021-06-29

Agency: 007 - Department of Defense--Military Programs **Bureau:** 97 - Defense-wide

1. Name of this Investment: Defense Medical Information Exchange

2. Unique Investment Identifier (Ull): 007-000100462

Section B: Investment Detail

- 1. Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

007SO18266: Restore Military Readiness to Build a More Lethal Force

Agency Priority Goal(s):

- 2. Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**

A Return on Investment (ROI) will not be completed for the Interoperability component of the DMIX program. The Interoperability component is in sustainment and costs would exceed benefits to conduct an ROI. An ROI was completed on the Viewer component of the DMIX program. The ROI analysis compared the Status Quo Alternative (sustainment of multiple viewers) to the Preferred Alternative (sustainment of a single viewer). The quantitative analysis resulted in an ROI of 7.04 which indicates a significant return on investment. Benefits related to the Viewer component include: – Re-engineers the clinician's business process, streamlining the provider's work flow – Reduces the time it takes for a provider to access the viewer and improves safety by eliminating the need for the provider to search for the patient. – Reduces the number of systems the provider must access to view a patient's complete clinical picture..

3. If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:

Table I.B.1 Affected Investment Information	
Investment UII	To Be Status
007-000007178	to be eliminated
007-000006594	to be eliminated

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:

YES

5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:

YES

6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.

7. Provide the name of the Investment-level project manager:

Ken Slaughter

8. Select the qualification/experience level of the Investment-level project manager (select one):

1 - FAC-P/PM(DAWIA-3)- Senior

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
Planning Costs:	0	0	0	0
DME (Excluding Planning) Costs:	0	0	0	0
DME (Including Planning) Govt. FTEs:	0	0	0	0
Sub-Total DME (including Internal Labor (Govt. FTE)):	0	0	0	0
O & M Costs:	\$187.960000	\$48.886000	\$49.223000	\$53.091000
O & M Internal Labor (Govt. FTE):	\$14.145000	\$4.346000	\$4.367000	\$1.637000
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	\$202.105000	\$53.232000	\$53.590000	\$54.728000
Total Cost (Including Internal Labor (Govt. FTE)):	\$202.105000	\$53.232000	\$53.590000	\$54.728000
Total Cost Internal Labor (Govt. FTE) costs:	\$14.145000	\$4.346000	\$4.367000	\$1.637000
# of FTE rep by costs:	69	16	16	8
Total change from prior year final President's Budget (\$)		\$5.729000	0	
Total change from prior year final President's Budget		12.06%	0.00%	

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
(%)				

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2016
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2033
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):
FY 2020: Year of execution adjustments. FY 2021: No change.

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** DEFENSE MEDICAL INFORMATION EXCHANGE
2. **Unique Investment Identifier (UII):** 007-000100462

Section C1: Projects Table

Projects Table C.1

Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)	Software Project?
-------------------	--------------	--------------	--------------------	-------------------------	------------------------------	-------------------

NONE

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
-------------------	---------------	----------------------	--------------	--------------------	----------------------	-------------------	-------------------------	---------------------------	------------------------	---------------------	-----------------------	--------------------

NONE

Section D: Operational Data

1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):
 1. Date of Analysis:
 2. Analysis Results:
 3. Analysis Conclusion: continue as is
2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
30622	Retrieve patient-centric information pulled from disparate healthcare systems in real time for presentation in a browser in less than 2 minutes.	Percentage	2 - Strategic and Business Results	0.000000	90.000000	90.000000	Over target	Quarterly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						
30622	288741	98.830000	12/31/2020							
30622	288740	99.700000	09/30/2020							
30622	288739	99.990000	03/31/2020							
30622	288738	99.840000	03/31/2021							
30622	288737	99.870000	06/30/2020							
30622	288736	99.990000	12/31/2019							
29327	Baseline Execution Index - amount of tasks that complete on time compared to baseline.	Percentage	2 - Strategic and Business Results	0.000000	80.000000	80.000000	Over target	Monthly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						
29327	288735	83.000000	04/30/2020							
29327	288734	90.000000	12/31/2019							

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
29327					29327	288733	80.000000	11/30/2019		
					29327	288732	89.000000	12/31/2020		
					29327	288731	91.000000	11/30/2020		
					29327	288730	85.000000	10/31/2020		
					29327	288729	84.000000	03/31/2020		
					29327	288728	87.000000	02/29/2020		
					29327	288727	93.000000	02/28/2021		
					29327	288726	98.000000	01/31/2021		
					29327	288725	86.000000	09/30/2020		
					29327	288724	86.000000	08/31/2020		
					29327	288723	82.000000	07/31/2020		
					29327	288722	81.000000	01/31/2020		
					29327	288721	89.000000	10/31/2019		
					29327	288720	94.000000	03/31/2021		
					29327	288719	90.000000	06/30/2020		
					29327	288718	91.000000	05/31/2020		
29326	Percentage of population with	Percentage	1 - Customer Satisfaction	0.000000	20.000000	20.000000	Over target	Semi-Annual	007SO18266 : Restore Military	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
-----------	--------------------	-----------------	--	----------------------------	-------------	-------------	-----------------------	---------------------	---	--------------------

Joint Legacy View (JLV) access using JLV.

(Process Results)

Readiness to Build a More Lethal Force

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
29326	288717	37.500000	03/31/2020	
29326	288716	36.000000	03/31/2021	
29326	288715	35.500000	09/30/2020	

29103	Align Operation and Maintenance (OM) DMIX funding obligations against OSD Benchmark for OM obligations. Target is 100% but SNaP-IT requires over under target is not applicable. Target is a static 100%. If target is less than 1005 then target is not met. Replaces other Financial Performance metric.	Percentage	3 - Financial Performance	0.000000	100.000000	100.000000	Over target	Annual	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	---------------------------	----------	------------	------------	-------------	--------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
29103	288714	100.000000	09/30/2020	

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
26914	DMIX sustainment activities are performed IAW the spend plan and life cycle cost estimate (LCCE) and are completed under the planned dollar amount for the FY. Target is in millions.	Dollar	3 - Financial Performance	0.000000			Under target	Annual	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

26913	Software availability from an end user perspective not counting scheduled downtime as well as platform and network availability.	Percentage	2 - Strategic and Business Results	0.000000	100.000000	93.000000	Over target	Quarterly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	------------------------------------	----------	------------	-----------	-------------	-----------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

26913	288713	98.700000	03/31/2021	
-------	--------	-----------	------------	--

26913	288712	99.390000	09/30/2020	
-------	--------	-----------	------------	--

26913	288711	99.350000	03/31/2020	DES: 100, JLV - 98.70
-------	--------	-----------	------------	-----------------------

26913	288710	98.850000	12/31/2019	
-------	--------	-----------	------------	--

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
-----------	--------------------	-----------------	--	----------------------------	-------------	-------------	-----------------------	---------------------	---	--------------------

26913 288709 98.830000 12/31/2020

26913 288708 99.150000 06/30/2020 99.1 / 99.2 (DES / JLV)

26912	Retrieve patient-centric information pulled from disparate healthcare systems in real time for presentation in a browser in less than 2 minutes.	Percentage	2 - Strategic and Business Results	0.000000	90.000000		Over target	Quarterly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	------------------------------------	----------	-----------	--	-------------	-----------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

26911	Develop an annual fiscal year Schedule that completes the incorporation of accepted functional requirements into the DMIX software baseline. After Schedule is baselined, ensure that the deviation from the baseline schedule does not deviate more than the annual target.	Percentage	2 - Strategic and Business Results	0.000000	15.000000		Under target	Monthly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	------------------------------------	----------	-----------	--	--------------	---------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual	Comment
-----------	------------------	---------------	----------------	---------

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
								Result		

NONE

26910	Percentage of queried Joint Legacy Viewer (JLV) users who answer 'yes' to the question of 'Were you satisfied with your overall experience?' in the Interactive Customer Evaluation (ICE) tool. ICE is a web-based tool that collects feedback on services provided by various organizations throughout DoD.	Percentage	1 - Customer Satisfaction (Process Results)	0.000000	75.000000		Over target	Semi-Annual	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	---	----------	-----------	--	-------------	-------------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE