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Exhibit R-2, RDT&E Budget Item Justification							Date: February 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E, DEFENSE-WIDE, BUDGET ACTIVITY 4					R-1 ITEM NOMENCLATURE CALs, The Strategy, PE 0603736D8Z			
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	6.680	7.535	4.000	0.000	0.000	0.000	0.000	0.000

A. Mission Description and Budget Item Justification.
 CALS is an international core strategy to share integrated digital product data through a set of standards to achieve efficiencies in business and operational mission areas. DoD's overarching goal in CALS is to develop a seamless defense enterprise in which the knowledge products of the acquisition process are immediately and rapidly accessible to all authorized users while maintaining near immediate currency and quality of information. This desired state is referred to as the "Integrated Data Environment (IDE)". The IDE (immediate access to quality information) drives many defense-wide and functional-specific reforms and business process improvements. The rapid sharing of information is an implied requisite of Integrated Product and Process Teams, a fundamental process for implementing concurrent engineering and streamlining project management. Digitized information frees logistics support and operator personnel from the burden of cumbersome document or file formats for information processing or presentation – enabling new methods for the performance of maintenance and training tasks based on interactive electronic technologies. This program element is to (1) assess and transition evolving automation technologies into the CALS strategy; (2) develop, maintain and apply to weapon system program office operations an executable business model for the application of CALS and related technologies; (3) integrate technical and functional requirements into a Shared Information Framework of the standards, protocols, procedures, and network management conventions required to achieve compatible implementation of the IDE throughout the international defense enterprise.

B. Program Change Summary:

	<u>FY2002</u>	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>Total Cost</u>
Previous President's Budget	1.580	1.647	4.000	0.000	18.215
Appropriated Value	5.100	5.888			
Adjustments to Appropriated Value					
a. Congressionally Directed					
Appropriation Reduction					
b. Congressionally Directed					
Undistributed Reduction					
b. OSD Directed					
Undistributed Reduction					
Current FY2004 President's Budget	6.680	7.535	4.000	0.000	18.215

Change Summary Explanation: Adjustment reflects inflation saving and the Government-wide rescission.
 Funding: N/A
 Schedule: N/A

C. Other Program Funding Summary: N/A

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<p>D. Execution</p> <p>For the execution year (CY), provide a list of funding recipients within the following categories:</p> <ul style="list-style-type: none">Labs/centersUniversitiesFFRDCsContractors - \$7.000-ManTec Corp (\$6.000 or 80% of total funding)Other - \$.535 <p>List only those entities receiving 10% or more of total funding available in the PE/FNC.</p>	

R-1 Shopping List - Item No

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Exhibit R-2a, RDT&E Project Justification						Date: February 2003			
APPROPRIATION/BUDGET ACTIVITY RDT&E, DEFENSE WIDE, BUDGET ACTIVITY 4		PROGRAM ELEMENT PE 063736D8Z			PROJECT/THRUST NAME AND NUMBER CALs, The Strategy				
Cost (\$ in Millions)		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project /Thrust Cost		6.680	7.535	4.000	0.000	0.000	0.000	0.000	0.000
<p>A. Mission Description and Budget Item Justification. The Joint Logistics Commanders documented an interoperability requirement for the development and deployment of Interactive Electronic Technical Manuals in a memorandum for the DUSD (Logistics) from Joint Logistics Commanders, 10 June 1997, and assigned responsibility to the Tri-Service Interactive Electronic Technical Working Group. This initiative provides technical support to the working group to accomplish several tasks in support of their mission. Total asset identification and application is not possible electronically without automation of the DoD Type Designation System and development of a link between Weapon Systems and the Federal Logistics Information System. CALS IETM researches into the application of Electronic Commerce and Electronic Data Interchange (EC/EDI) standards for business process application.</p> <p><u>FY 2002 Accomplishments</u></p> <ul style="list-style-type: none"> • Reengineering logistics processes based on CALS technologies and integrate maintenance prognostics and IETM architecture • Integrating CALS technologies with dynamic product models <p><u>FY 2003 Plans</u></p> <ul style="list-style-type: none"> • Continue to employ CALS in developing architectures to govern the modernization of integrated supply chain information systems • Continue to integrate CALS technologies with dynamic product models • Reengineer logistics processes based on CALS modernization technologies <p>Employ CALS in developing architectures to govern the modernization of integrated supply chain information systems</p> <p>B. Other Program Funding Summary Congress added \$5.1million of FY2002 and \$6.01million of FY2003 RDT&E funds for the Integrated Data Environment (IDE) /Computer Aided logistics (CALs) program. The IDE project develops research information management techniques to support the " Transition to a Digital Environment for Acquisition Programs."</p>									

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