

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							June 2001			
BUDGET ACTIVITY 5 - ENG MANUFACTURING DEV				PE NUMBER AND TITLE 0604738A - JSIMS Core Program				PROJECT J11		
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
J11 ALLIANCE EXECUTIVE DEVELOPMENT & INTEGRATION	0	0	30985	0	0	0	0	0	0	0

A. Mission Description and Budget Item Justification:
PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Joint Simulation System (JSIMS) is the next generation Modeling and Simulation (M&S) tool to support training for Commanders in Chief (CINCs), their components, Joint Task Force (JTF) staffs, other Joint organizations, DoD agencies, and the Services. JSIMS will provide the ability to jointly train, educate, develop doctrine and tactics, formulate and assess operational plans, assess warfighting situations, define operational requirements, provide operational input into the development of new weapon systems and perform mission planning and mission rehearsal. JSIMS will support all phases of military operations and Military Operations Other Than War (MOOTW). JSIMS will allow warfighters to train as they intend to fight by interfacing into the simulation through their real-world Command, Control, Communications, Computers and Integration (C4I) systems. JSIMS is key in supporting the operational concepts of Joint Experimentation and will improve the interoperability and efficiencies of the Services. Funding for this program will transfer to the Department of Army in FY02. Funds will buy Software Development for the JSIMS Joint Models and C4I adaptors, Test and Evaluation Support and Common Component Development. This system supports the Legacy, Interim, and Objective transition paths of the Transformation Campaign Plan (TCP).

FY 2000 Accomplishments
Program funded in Joint Staff PE 0902740J.

FY 2001 Planned Program
Program funded in Joint Staff PE 0902740J.

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FY 2002 Planned Program

- 4145 Software Development for the JSIMS Joint Models and C4I adaptor by the Joint Development Agent.
- 1200 Test and Evaluation Activity Support.
- 5676 Research and development support services for JSIMS Integration.
- 1939 Government engineering support services for JSIMS Integration.
- 18025 Common Component Development is a functional component of JSIMS used by multiple JSIMS federates in order to accomplish individual Service and Joint training objectives.

Total 30985

<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY 2001 PB)	0	0	0	0
Adjustments to Budget Years Since FY 2001 PB	0	0	30985	0
Current Budget Submit (FY 2002/2003 PB)	0	0	30985	0

JSIMS transfer to the Department of the Army started in FY02.

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C. Other Program Funding Summary	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
OMA - Joint Models and C4I Adaptor Maintenance for JSIMS by the Joint Development Agent.	0	0	2820	0	0	0	0	0	0	0
OMA - Common Component Maintenance for JSIMS software support.	0	0	2708	0	0	0	0	0	0	0
OMA - Alliance Software Support Facility for Baseline Integration/Upgrades.	0	0	1672	0	0	0	0	0	0	0

D. Acquisition Strategy: Deliver JSIMS as defined in the Operational Requirements Document (ORD) by integrating partner software and doing competitive development of Common Core.

E. Schedule Profile	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Block 1 - Federation Integration Event 4			1Q	0	0	0	0	0
Federation Integration Event 5			2Q	0	0	0	0	0
Systems Test and Version Release Milestone (Version 1.0)			2Q	0	0	0	0	0
User Events				0	0	0	0	0
System Functional Assessment/Operational Test Event Observation			1Q	0	0	0	0	0
DT/OT			3-4Q	0	0	0	0	0
IOC/MOT&E Event				0	0	0	0	0
MS C, Block 1				0	0	0	0	0
MS B, Block 2		4Q		0	0	0	0	0
Version Release Milestone 2.0 (VRM 2.0)				0	0	0	0	0

ARMY RDT&E COST ANALYSIS(R-3)									June 2001			
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Software Development	CPAF	TRW, Orlando, FL	44753	0		4145	1Q	0	0	0	0	Continue
b . Common Component Development	MIPR	Various	21049	0		18025	1Q	0	0	0	0	Continue
Subtotal:			65802	0		22170		0		0	0	Continue
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Systems R&D Development Support	IDIQ/T&M	Nations, Inc./BTG, Orlando, FL	4651	0		1795	1Q	0	0	0	0	Continue
b . Systems R&D Development Support	FFRDC/CPF F	Mitre Corp., McLean, VA	3689	0		1635	1Q	0	0	0	0	Continue
c . Government Engineering Support	MIPR	Various	931	0		2246	1-2Q	0	0	0	0	Continue
Subtotal:			9271	0		5676		0		0	0	Continue

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Developmental Test & Evaluation	MIPR	Army, APG, MD	675	0		1200	1Q	0	0	0	0	Continue
Subtotal:			675	0		1200		0		0	0	Continue
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Management Support	MIPR	Navy, Orlando, FL	2878	0		1709	1Q	0	0	0	0	Continue
b . Travel/Utilities/Misc.	MIPR	Navy, Orlando, FL	3892	0		230	1Q	0	0	0	0	Continue
Subtotal:			6770	0		1939		0		0	0	Continue
Project Total Cost:			82518	0		30985		0		0	0	Continue