ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)		February 2003

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	0303028A - Security and Intelligence Activities	H13

COST (In Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
H13 INFORMATION DOMINANCE CENTER (IDC) - TIARA	2420	26193	0	0	0	0	0	0	0	28613

A. Mission Description and Budget Item Justification: Funds used for the development of a prototype for intelligence analysis and counter-intelligence operations supporting information operation missions. Denying, disrupting, and suppressing the adversary's information flow and his ability to effectively command and control his operations is the Army's goal of waging information-age warfare. The Information Dominance Center (IDC) is a beta development and demonstration facility, which uses advanced indigenously developed software and architectures for harvesting, visualizing, displaying, sharing, analyzing, fusing, and developing courses of action for commanders and decision makers in a real-time environment. The center can address both a tactical or strategic threat across a wide array of transnational and asymmetrical foes.

The IDC will play a critical role in Army's development of a full spectrum information operations capability that spans both the offensive and protective arenas. Key to waging an information war against an enemy will be gaining and maintaining full spectrum battlefield visualization, comprehension of enemy and friendly territory, knowledge of battlefield deception, Psychological Operations (PSYOP), public affairs, civil affairs, electronic warfare, Operations Security (OPSEC), and understanding the impact of critical nodes (regional and local). The IDC will support Force Protection/anti-terrorism operations by providing predictive analysis and warnings of attacks on our soldiers or infrastructure. The IDC also will be employed in support of peacekeeping and humanitarian aid missions. The IDC will demonstrate and test methodologies and tools, providing operational plans to fight asymmetric and asynchronous warfare against transnational and non-aligned threats. This new capability would provide the unique collaborative environment to rapidly acquire diverse information, dynamically achieve situational awareness, and provide tailored courses of action to warfighters and DA decision-makers.

The IDC will correlate data from local and international media as well as operational and intelligence sources. The center will perform evaluation, prototype and threat map political, military, economic, and social fabrics to aid in force protection/facilities protection for U.S. forces on the ground. The IDC will be the prototype for fused battlefield visualization showing the affects of air war at one location on a big screen display; collateral damage; infrastructure damage; location of paramilitary and military forces; and the dislocation of refugees and resultant humanitarian aid issues. The IDC will demonstrate a fused battlefield visualization picture of foreign and U.S. centers of gravity in support of contingency operations to help support diplomatic initiatives. It will prototype a fused, object oriented, GIS-oriented, visualization picture of the major political and economic players at international, national, regional, local levels on all selected regions. In addition, the IDC will leverage an ability to analyze a tactical view of the conflict enabling the Army to conduct offensive information operations (PSYOP, computer attack, deception and denial, media influence, cover operations) that could be used to compliment air strikes.

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BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0303028A - Security and Intelligence Activities**	**H13**

Accomplishments/Planned Program	FY 2002	FY 2003	FY 2004	FY 2005
Continue development of Software/Hardware development	0	4038	0	0
Contractor will develop means of integrating leading edge technology into the Information Dominance Center's intelligence production and analysis capability.	420	0	0	0
Contractor will develop means of integrating leading edge technology in the Expert Radar Signature Solution	2000	2055	0	0
Technology development to meet validated operational requirements for quick reaction capability (QRC) computer network attack (CNA) weapons in support of Army Commanders.	0	5000	0	0
Develop Asymmetric Warefare Intelligence Analysis Advanced Tool Set	0	2500	0	0
Expand Processing for Intellignece Data Analysis	0	1900	0	0
Continue Language Software Training	0	3700	0	0
Devlop Base Protection and Monitoring Systems	0	5000	0	0
Develop Contiguous Connection Model (CCM)	0	2000	0	0
Totals	2420	26193	0	0

B. Program Change Summary	FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2003)	2434	5438	6018	5755
Current Budget (FY 2004/2005 PB)	2420	26193	0	0
Total Adjustments	-14	20755	-6018	-5755
Congressional program reductions				
Congressional rescissions		-293		
Congressional increases		21200		
Reprogrammings		-152		
SBIR/STTR Transfer	-14			
Adjustments to Budget Years			-6018	-5755

FY03: Increase provides Army a flexible, deployable, sustained, computer network attack (CNA) quick reaction capability (QRC).
FY04/05 dollars redirected to higher Army priority.

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C. Other Program Funding Summary	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Compl	Total Cost
N/A	0	0	0	0	0	0	0	0	0	0

D. Acquisition Strategy: N/A

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