

Integrated Infantry Combat System (IICS)

Description

IICS will meet future requirements for a fully integrated, optimized combat system to improve the lethality, mobility, survivability, sustainability, training, and C2 capabilities of the individual Marine in a Marine Rifle Squad. A successful IICS system will provide a synergistic integration of the subsystems that build a more lethal and survivable Marine combat system.

The integrated subsystems of the IICS include a modular individual weapon capable of mounting thermal sights, Infra Red aiming device as well as other lethality enhancements. It will be a helmet mounted system that include image fusion, C2 interfaces, and battlefield eye protection. Advanced load carrying capability, integrated chemical biological protective garments and communications connectivity from the squad level to the MAGTF translate into a more lethal, mobile, survivable Marine.

Operational Impact

IICS will provide the individual Marine infantryman greater lethality, survivability, mobility, C2 and sustainability by exploiting emerging technology and integrating various modular subsystem capabilities into a cohesive combat system. The result will be a more lethal, mobile, and survivable infantry Marine capable of fighting and winning in all expeditionary environments.

Program Status

The IICS Program is currently in the Concept Exploration phase of its development. The program is focused on developing requirement documents and its acquisition strategy. The IICS Capstone Requirements Document is currently in staffing at MCCDC and signature is expected in FY02. The IICS ongoing Front End-Analysis (FEA) was completed in the 1st Qtr FY02. This FEA provides the program with a set of squad level capabilities, how those capabilities relate to equipment, and measures of effectiveness/performance for those capabilities. Additionally, Battelle Corp. has completed a series of IICS specific vignettes based on approved USMC scenarios developed for the AAV program. These will provide the operational context for the development of analytical tools used to assist in identifying optimal equipment suits (currently in development) for our infantry. Lastly, Simulation Technologies, Inc. is developing an IICS modeling and simulation tool using the Integrated Unit Simulation System (IUSS) model to deliver an 18 Hour Vignette Model to be used for follow-on IICS evaluation and analysis support.

<i>Procurement Profile</i>	<i>FY02</i>	<i>FY03</i>
<i>Quantity:</i>	0	0

Developer/Manufacturer TBD