

Integrated Infantry Combat System (IICS)

Description

IICS will be an integrated, modular, combat system for mounted and dismounted infantry Marines. It will enhance the Marine's battlefield capabilities through the development and integration of a wide range of capability enhancing components and technologies into a totally integrated combat system. The system's modular components will likely include an improved lethality system, improved individual survivability, input/output interfaces, protective clothing, communications, and target acquisition technologies.

The IICS will equip a Marine infantryman for combat by viewing the Marine rifle squad as a system, vice a conglomeration of individual components. This will be accomplished by adopting a more mature version of the Army's Land Warrior system or a similar system modified to suit the Marine Corps specific needs.

The integrated capabilities of the IICS include a modular individual weapon, or a system of weapons, capable of mounting a thermal sight, Infra Red aiming device and other ancillary equipment to improve the lethality of the rifle squad. It will be a helmet-mounted system that includes image fusion capability and command and control interfaces, battlefield eye protection and input/output devices that interface with the command, control, and communications system. It will have an advanced load carrying capability, fully integrated with the components of the combat system, and an integrated chemical/biological protective garment to include gloves, boots, and mask. IICS will also provide a radio system with local area network (squad), wide area network (GCE), and over the horizon Marine Air-Ground Task Force (MAGTF) capabilities.

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.

Program Status

The IICS Program is currently in the Concept Exploration phase of its development.

Procurement Profile: FY01 FY02

Quantity: 0 0

Developer/Manufacturer

TBD