CSIAC Success Story

CSIAC Assists ICM-RMS Force Preservation Tool in Becoming an Official Marine Corps Program of Record

Customer:	II Marine Expeditionary Force (II MEF)
Challenge:	CSIAC Subject Matter Experts (SMEs) provided support to the development of a functional prototype of ICM-RMS's technical and programmatic requirements. The Integrated Clinical Management Risk Mitigation System (ICM-RMS) is a force preservation software application developed under the II MEF Information Management Office (IMO). In order to become a Marine Corps Program of Record, the IMO needed to meet an aggressive schedule to develop a functional prototype, demonstrate the general capabilities and identify the advantages of the tool's use to the senior USMC leadership.
Approach:	Under the Process Improvement and Enhancement Support (PIES) CAT, the CSIAC supported the II MEF IMO's software development lifecycle through overall project management, as well as a collection of other major tasks. ICM-RMS is a networked, nodal database which captures risk factors for individuals assigned to a unit's Force Preservation program, produces an empirical risk score, and allows sustained coordination and communication between "need to know" entities (Medical, Command, and Mental Health). CSIAC managed the development of a full-scale prototype, in addition to providing software testing support to evaluate the developed software. Specific activities included: - Planned, scheduled and executed the prototype development - Debugged and performed software enhancement efforts - Provided regular briefings, described system capabilities and functionality, as well as progress updates, to MARCORSYSCOM and higher-level commands - Supported the security accreditation/authorization in pursuit of the Authority to Operate (ATO) designation. This included the development of the accreditation/authorization package (and all documents/artifacts), as well as management of the system in the Marine Corps Certification and Accreditation Support Tool (MCCAST) - Conducted several iterations of functional and operational testing Throughout this process, the CSIAC identified areas of risk and opportunities for risk reduction in current ICM-RMS development modules.

Value:	The Marine Corps accepted ICM-RMS as an official Marine Corps Program of Record which reflects the USMC's initial adoption of an augmented Force Preservation Council (FPC) tool. ICM-RMS facilitates the medically-driven Risk Assessment Mapping Process (RAMP). The eventual implementation of this tool will provide the Marine Corps with a significantly enhanced and standardized capability to optimize combat unit readiness and monitor the wellbeing of service members, most importantly, saving lives in the process.