



SATURN SYSTEMS

"Solving Complex Business Issues through Software Engineering"

Military: Mobile Computing for the Marine Corp

Overview... Since 2003 Saturn Systems has provided engineering support to SPAWAR Systems Center Charleston, a Navy Engineering command. SPAWAR's primary mission is to support military forces by producing innovative products through application of proven technologies. Saturn Systems assists in this effort, by providing highly skilled engineers and technicians that work under the direction of SPAWAR project engineers. One area of focus is the D-DACT program, a key part of the U.S. Marine Corps Tactical mobile (TACMOBIL) units, for which Saturn Systems provides systems engineering and integration support

Approach... Marines face an adaptive enemy on an ever-changing battlefield and need fast, reliable information at their fingertips to make critical decisions. The Dismounted-Data Automated Communications Terminal (D-DACT) provides Marines, platoon leaders and their commanders with an accurate view of the battlefield allowing them to sharpen their decision and response time.



D-DACT provides digital messaging, mapping, overlays, route planning, navigation, data storage and transfer. With information provided via D-DACT, perception of the battlefield mirrors reality.

Technologies... D-DACT is a hand held, stylus operated ruggedized Personal Digital Assistant employing the following technologies:

- Command and Control Compact Edition (C2CE)
- Windows Mobile
- Global Positioning System

The Result... D-DACT increases situational awareness by providing digital maps and real-time platoon position location information to field commanders. With GPS accuracy to within one meter, the location of all units on the battlefield is known with precision, greatly decreasing the risk of friendly fire incidents.

Distributed operations give greater decision-making authority to junior Marines while platoon commanders have instantaneous information about position and movement. By moving authority downward, the speed of command is increased and soldiers can focus on the enemies' vulnerabilities.

About Saturn Systems, Inc... Saturn Systems is a national provider of software engineering solutions in the areas of device integration and enterprise technologies through our Rural Outsourcing business model.

Since 1990, Saturn Systems has created success through innovative application of technical expertise, a disciplined approach to project management, and a command of emerging technologies. Saturn Systems is a private company headquartered in Duluth MN, USA. For more information, visit our web site at www.saturnsys.com. *Outsource To America!*