

ROI SHOWCASE

U.S. Army Command Maintenance Evaluation Team

KONTRON MOBILE COMPUTING CASE STUDY

U.S. Army Command Maintenance Evaluation Team

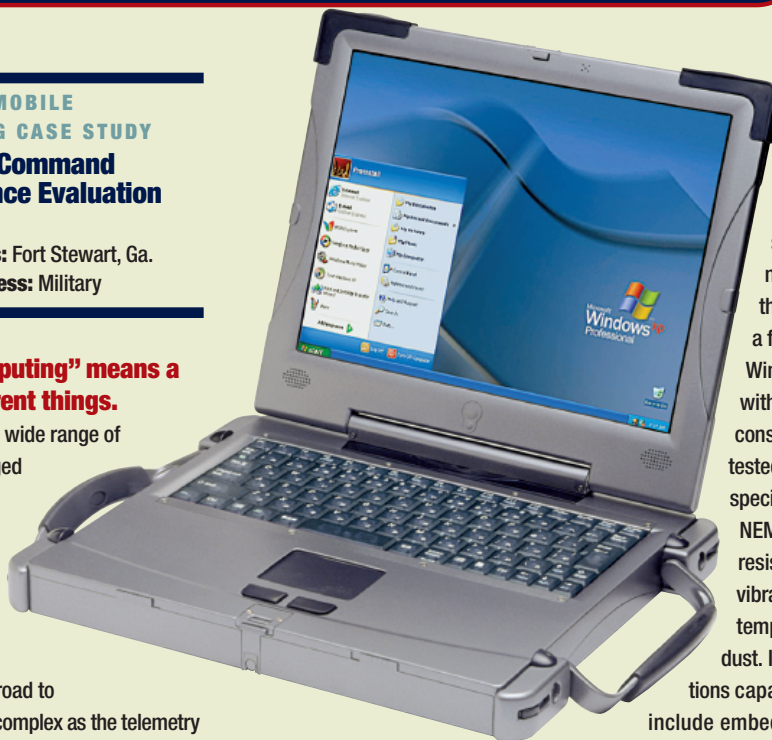
Headquarters: Fort Stewart, Ga.
Line of Business: Military

“Field computing” means a lot of different things.

It represents a wide range of needs for rugged equipment—from something as simple as a salesperson exchanging e-mail on the road to something as complex as the telemetry of interplanetary exploration systems.

No matter the application, data is critical. And when it comes to supporting logistics processes for military personnel deployed in demanding outdoor conditions, the need for reliable, rugged computing equipment is especially clear. For field-deployed military personnel, equipment breakdowns can threaten critical missions.

Kontron Mobile Computing, a supplier of rugged mobile computing equipment, has long supported military, public safety, manufacturing and other field-deployed personnel who require ruggedized computing equipment. Recently, Kontron began supplying its ReVolution rugged mobile PC to the U.S. Army's Command Maintenance Evaluation Team (COMET) at Fort Stewart in southeast Georgia.



In this Army deployment, the ReVolution supports an important software program that facilitates online inventory control and logistics for hundreds of repair parts for units in the field. To be able to perform this task reliably, a hand-carried computer must be able to withstand the rigors of the elements, including dust and mud, for extended periods of time.

The ReVolution, one of Kontron's flagship products, is a rugged, mobile notebook PC designed for in-vehicle

use or mobile applications. Designed to offer an alternative to standard 'tough' notebook PCs, the ReVolution is a field-ready Windows-based unit with magnesium construction built and tested to Mil-Std 810F specifications and NEMA standards for resistance to shock, vibration, water, temperature and dust. Its communications capabilities

include embedded Bluetooth technology, optional integrated CDPD, CDMA or GSM for wireless WAN connectivity.

To date, Kontron's ReVolution units have been deployed to locations such as the Army's National Training Center (NTC) at Fort Irwin, Calif., and the Joint Readiness Training Center (JRTC) at Fort Polk, La.

Along with the ReVolution, Kontron also supplies the EnVoy, an advanced, embedded in-vehicle computer, and the FieldWorks 8500, a rugged, expandable, all-in-one portable computer system with three full-length or six half-length PCI slots. Recently, the company also introduced a rugged embedded computing module (ECM), designed for use by OEMs as a technology building block for a wide variety of application-specific systems.



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