

# DTI Case Study



## Ruggedized Laptop Processing Hardware

DTI has deployed both Intel® Pentium® III and Pentium® M processor based single board computers to a Department of Defense prime contractor of ruggedized laptops. These units are deployed in the battlefield for support of major power and video requirements by the US Army. DTI designed the custom processor board to operate in a sealed environment for reliability in extremely harsh environments. The power scheme also allowed the Army to use the battery for eight hours, which is significantly more than any other COTS ruggedized laptop on the market. Advanced graphics are integrated into the processor board design driving a direct-sunlight readable display to function in intense military tactical operations.

<http://www.dtims.com/custom/custom.html>

