



US Army: Medical Communications for Combat Casualty Care Ft. Detrick in Fredrick, MD

The US Army's Medical Research and Materiel Command at Ft. Detrick plans, programs and budgets for the construction of medical facilities for the Army's Medical Department (AMEDD). This agency also manages data and IT requirements in addition to biomedical research and development, medical material management and global telecommunications. Every part of AMEDD is focused on providing mobile medical care to soldiers. One of the many programs developed at Ft. Detrick is Medical Communications for Combat Casualty Care (MC4). The MC4 system supports five operational areas of AMEDD as well as other divisions of the US Armed Services. MC4 provides seamless interoperable support for rapid mobilization and deployment of US Army theater medical services for modular hospital platforms and non-hospital units.

The MC4 system has the capability to receive, store, process, transmit, archive and report to medical command and control and consists of mobile computers, networking and peripheral equipment (e.g., routers, hubs, servers and printers). To provide support to the Joint Medical Theater



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deployment, it was determined that the mobile computers needed to be rugged. So the decision was made to deploy Panasonic Toughbook® 51s.



toughbook 51

The system needs to be portable and durable since it supports teams that can be deployed on a moment's notice. The medic's equipment must be capable of withstanding harsh environmental conditions to ensure that soldiers have the care they need on the battlefield. Panasonic Toughbooks are designed to survive in these conditions, especially where commercial laptops are likely to fail.

Panasonic addressed all of the MC4 evaluation team's concerns by providing detailed design specifications. Additionally, other divisions within the US Army that already have Toughbooks in service vouched for their reliability in some of the toughest conditions. Panasonic Toughbooks are designed to be the best with historical failure data showing that no other manufacturer comes close to delivering the same quality. As a result, the US Army was able to provide their field medics with a mobile computing solution within its budget.

challenge

- Deploy reliable mobile PCs to input and track medical records
- Deliver a mobile solution within budget limitations
- Provide medics access to a system that improves field-based care

solution

Panasonic Toughbook 51s and HP portable printers were deployed to US Army medics to treat soldiers in the field.

result

Rugged Panasonic Toughbooks provide the US Army with a reliable solution to deliver medical care to US troops.

For more information about Panasonic's full line of Toughbook mobile PCs for federal government:

call:

1-800-662-3537, option 3

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visit:

panasonic.com/toughbook/federal