Medical Communications for Combat Casualty Care (MC4)

Modernization

Recapitalization

Maintenance

MISSION

To integrate, field, and support a medical information management/ technology system for Army tactical forces, enabling a lifelong electronic medical record for service members, enhancing medical situational awareness for operational commanders, and expanding medical logistics capabilities.

DESCRIPTION

The Medical Communications for Combat Casualty Care (MC4) system is a joint theater-level, automated combat health support system for the tactical medical forces. It serves three distinct user communities: warfighter commanders, healthcare providers, and medical staffs in theater. The system enhances medical situational awareness for the operational commander, enabling a comprehensive, lifelong electronic medical record for all service members. Using the Theater Medical Information Program (TMIP)– Joint software, MC4 receives, stores, processes, transmits, and reports medical command and control, medical surveillance, casualty movement and tracking, medical treatment, medical situational awareness, and medical logistics data across all levels of care.

The MC4 system provides the Army's solution to the Title 10 requirement for a medical tracking system for all deployed service members. The MC4 system is a fully operational standard Army system that operates on commercial off-the-shelf hardware. It supports commanders with a streamlined personnel deployment system using digital medical information.

The MC4 system comprises seven Army-approved line items that can be configured to support Army levels 1–4 and DoD roles 1-3 of the health care continuum. Future MC4 enhancements will be accomplished through minor system upgrades and major planned upgrades. The MC4 program completed a successful full-rate production decision review on July 21, 2005.

SYSTEM INTERDEPENDENCIES

MC4 relies on TMIP to provide global software databases to capture data generated by the MC4 system, in order to provide medical situational awareness for operational commanders.

PROGRAM STATUS

- **3QFY08–1QFY09:** Fielding per the Dynamic Army Resourcing Priority List

PROJECTED ACTIVITIES

- **3QFY09:** First planned upgrade (TMIP Block 2 Release 1)

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Product Integration

Joint, Gov't Software From TMIP-J (GOTS)
- AHLTA-T
- JMeWS
- TC2
- TMDS
- AHLTA-M
- DCAM

AND MORE

Commercial Software (COTS)
- Microsoft Office
- Micromedex
- Credant
- Adobe
- Active Client

AND MORE

Army Unique Software
- T-DBSS
- PDHA
- JTTR

Communications Support
- VSAT/ Network Facilitation
- Remote Diagnostic Access

Future Systems
- TEWLS
- DMLSS
- FCS

Comprehensive Customer Services

Fielding   **Training**   **Support**

FOREIGN MILITARY SALES
None

CONTRACTORS
Hardware:
GTSI (Chantilly, VA)
CDW–G (Chicago, IL)
System engineering support:
Johns Hopkins University Applied Physics
 Laboratory (Laurel, MD)
System integration support:
L-3 Communications (Titan Group)
 (Reston, VA)
Fielding, training, and system administration support:
General Dynamics (Fairfax, VA)