

# Medical Communications for Combat Casualty Care (MC4)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

Integrates, fields, and supports a comprehensive medical information system, enabling lifelong electronic medical records, streamlined medical logistics, and enhanced situational awareness for Army tactical forces.

## DESCRIPTION

Medical Communications for Casualty Care (MC4) is a ruggedized system-of-systems containing Joint software applications fielded to tactical medical forces throughout the combat zone, the U.S., and contingency operations worldwide. MC4 integrates Defense Health Information Management System (DHIMS) Theater Medical Information Program-Joint (TMIP-J) software, and other Army-unique applications, onto commercial- and government-off-the-shelf technology, providing the tools needed to digitally record and transfer critical medical data from the foxhole to medical treatment facilities worldwide.

Deployable medical forces use the MC4 system to gain quick, accurate access to patient histories and forward casualty resuscitation information. The system

also provides units with automated tools facilitating patient tracking, medical reporting, and medical logistical support. Combatant commanders use the MC4 system to access medical surveillance information, resulting in enhanced medical situational awareness. Most importantly, MC4 is helping deployed service members. By equipping deployed medical units with automated resources, MC4 helps ensure service members have a secure, accessible, lifelong electronic medical record, which results in better-informed health care providers and easier access to Veterans Administration medical benefits.

The MC4 system comprises seven Army-approved line items that can be configured to support Army levels one through four and DoD roles one through three of the health care continuum. Future MC4 enhancements will be accomplished through minor system upgrades and major planned upgrades. With 10 years of experience managing DoD's first battlefield medical recording system, MC4 remains the most widely-used, comprehensive information management medical system on the battlefield.

## SYSTEM INTERDEPENDENCIES

### Other Major Interdependencies

MC4 relies on software developers such as DHIMS to provide global software databases to store data generated by the MC4 system, providing medical situational awareness for operational commanders and patient record visibility to medical staff worldwide

## PROGRAM STATUS

- **1QFY11-4QFY1:** Fielding TMIP Block 2 Release 1 Service Pack 1 worldwide

## PROJECTED ACTIVITIES

- **1QFY13:** TMIP Increment 2 Release 2 (I2R2) software Full Deployment Decision Review
- **2QFY13:** Begin Fielding TMIP I2R2 software
- **4QFY17:** Full Operational Capability (objective)

## ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

## Medical Communications for Combat Casualty Care (MC4)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### System Integration Support:

L-3 Communications (Reston, VA)

#### Fielding, Training, and System

Administration Support:

General Dynamics (Fairfax, VA)

#### Program Management and Support

Services (PMSS2):

Booz Allen Hamilton (Herndon, VA)

