

Movement Tracking System (MTS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Tracks the location of vehicles and logistics assets, communicates with vehicle operators, and redirects missions on a worldwide, near real-time basis during peacetime operations, operations other than war, and war.

DESCRIPTION

The Movement Tracking System (MTS) brings tactical logistics into the digitized battlefield of the 21st century. The system provides the technology necessary to communicate with and track Tactical Wheeled Vehicles and other select Combat Support (CS)/Combat Service Support (CSS) assets and cargo in near real-time, enabling safe and timely completion of distribution missions.

MTS is a Non-developmental Item integrated system consisting of a vehicle-mounted mobile unit and a

control station. It is used to support missions through the full spectrum of military operations. Through the use of Global Positioning System (GPS), Radio Frequency Identification (RFID), and non-line-of-sight communications and mapping technologies, MTS provides the means for logistics commanders, transportation movement control, and CS/CSS operations sections to exercise assured positive control of assets anywhere in the world through the use of positioning and commercial satellites. Communications between MTS-equipped platforms and their control stations is conducted via text and pre-formatted messages and utilizes commercial satellites that enable units to send and receive traffic over the horizon, anytime, anywhere.

MTS plays a vital role in battlefield distribution operations. It helps to ensure that commanders and logisticians have the right information at the right time. It provides near real-time data for In-Transit Visibility (ITV) and velocity management of logistics and other Army Combat Support assets, from the sustaining base to the theater of operations. MTS facilitates

the rapid movement of supplies through a streamlined distribution system, bypassing routine warehouse/storage functions from the source to the combatant.

Common user logistics transport vehicles and CS/CSS units in the Active and Reserve Components and National Guard will be fitted with MTS systems according to the Army Acquisition Objective for system distribution. When employed within the distribution system, MTS improves the effectiveness and efficiency of limited distribution assets, provides the ability to identify and re-route supplies to higher priority needs, avoids identified hazards, and informs operators of unit location changes.

MTS as a program of record in 2011 has been merged into the Force XXI Battle Command Brigade and Below/ Joint Battle Command – Platform programs of record.

SYSTEM INTERDEPENDENCIES

In this Publication

None

Other Major Interdependencies

PM Joint Automatic Identification Technology (PM J-AIT) In-Transit Visibility (ITV), PD Battle Command Sustainment and Support System (BCS3)

PROGRAM STATUS

- **2QFY12:** Field Joint Capabilities Release – Logistics software (previously called MTS-ES)

PROJECTED ACTIVITIES

- **1QFY14:** Transition to Joint Battle Command – Platform (Logistics) [JBC-P (Log)] software and Blue Force Tracking-2 transceiver

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Movement Tracking System (MTS)

FOREIGN MILITARY SALES

None

CONTRACTORS

System Hardware (Military Ruggedized Tablets):

DRS Technologies (Melbourne, FL)

System Hardware (transceivers):

Comtech Mobile Datacom Corp. (CMDC)
(Germantown, MD)

Field Service Support:

Engineering Solutions and Products, Inc.
(ESP) (Eatontown, NJ)

Software:

v5.16 - Comtech Mobile Datacom Corp.
(CMDC) (Germantown, MD)

Software:

JCR-Log - Northrop Grumman (Redondo
Beach, CA)

