



PM DCATS PROGRAMS AND DEPENDENCIES

The PM DCATS systems that Col. Charles M. Stein managed for three years are divided among three product offices encompassing more than 100 unique projects, valued at more than \$500 million annually.

Wideband Enterprise Satellite Systems (WESS) is responsible for approximately one-third of the new Modernization of Enterprise Terminals Program’s strategic satellite “dishes,” replacing 78 fixed terminals across the globe and giving the U.S. military’s strategic communications backbone a new, 40-year lease on life. More than 50 unique projects in the WESS portfolio modernize DOD’s Enterprise Satellite Gateways and the hardware and software systems used to control bandwidth for Wideband Global SATCOM and the legacy Defense Satellite Communications System satellites.

Defense-Wide Transmission Systems provides the SATCOM link for forward-deployed logistics and sustainment personnel and has fielded more than 3,600 Combat Service Support Very Small Aperture Terminals.

The Land Mobile Radio product office provides the infrastructure and radios for first responders—police, fire and emergency medical services—on Army installations worldwide.

DEFENSE-WIDE TRANSMISSION SYSTEMS

DOLLAR VALUE:
Over \$100 million annually

DEPENDENCIES (ORGANIZATIONS AND AGENCIES):

Army G-4, Army Corps of Engineers, U.S. Army Medical Command (MEDCOM), U.S. Army Communications-Electronics Command, U.S. Army Combined Arms Support Command, U.S. Army Materiel Command, Military Surface Deployment and Distribution Command, U.S. Army Training and Doctrine Command, Army G-3/5/7, Army G-8, Naval Air Systems Command, 335th Signal Command, Defense Information Systems Agency (DISA), MEDCOM Office of the Surgeon General, 7th Signal Command, International Security Assistance Force, U.S. Army Pacific, Joint Special Operations Command, 5th Signal Command, 311th Signal Command

PRODUCT DEPENDENCIES:

Combat Service Support (CSS) Automated Information Systems Interface (CAISI), CSS VSAT and the World Wide Technical Control Improvement Program.

SOLDIER CAPABILITIES DELIVERED:

- Commercialization of C4 (command, control, communications and computers).
- Network operations.
- Connect the Logistician – CAISI, VSAT.
- Technical control facilities.

KEY FACTS:

- 8 major programs and 32 projects.
- Fully redundant global satellite coverage: 15 satellites, 22 beams.
- Fielded over 32,000 CAISI Wireless 2.0 and 3,600 CSS VSAT systems.



WIDEBAND ENTERPRISE SATELLITE SYSTEMS

DOLLAR VALUE:
More than \$300 million annually

DEPENDENCIES (ORGANIZATIONS AND AGENCIES):

U.S. Army Network Enterprise Technology Command, DISA, U.S. Navy, U.S. Air Force, U.S. Marine Corps, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command, Space and Naval Warfare Systems Command, international allies (Australia, Great Britain, Canada, Denmark, Luxembourg, Netherlands and New Zealand), Warfighter Information Network – Tactical, DOD Gateway sites (formerly known as Teleports, STEP and Enterprise sites), White House Communications Agency, Missile Defense Agency, National Military Command Center

PRODUCT DEPENDENCIES:

WESS develops, acquires, produces, fields and sustains reliable, effective and supportable enterprise wideband satellite communications systems for DOD, the Army and the joint warfighting community. WESS provides combatant commanders, deployed military personnel, DOD and national leadership with secure, high-capacity satellite connectivity. WESS also provides satellite payload control systems to plan, monitor and manage the Wideband Global SATCOM and the Defense Satellite Communications System satellite constellations.

SOLDIER CAPABILITIES DELIVERED:

- Enterprise Earth terminals.
- Restoral terminals.
- Baseband systems.
- Wideband satellite operation centers.
- Payload planning and configuration.
- Regional satellite support centers.

KEY FACTS:

- 10 major systems and 50 projects.
- Widely fielded in 4 continents, 12 countries and 7 islands.
- Completed installation of 18 terminals, with 10 more in progress.
- \$168 million in FY17 budget authority.



LAND MOBILE RADIO (LMR)

DOLLAR VALUE:
\$27 million to \$30 million annually.

DEPENDENCIES (ORGANIZATIONS AND AGENCIES):

HQDA CIO/G-6, U.S. Army Installation Management Command, U.S. Army Network Enterprise Technology Command, U.S. European Command, U.S. Southern Command, U.S. Northern Command, U.S. Africa Command, U.S. Pacific Command, U.S. Air Force, U.S. Navy, 335th Signal Command, 106th Signal Brigade, 93rd Signal Brigade, 7th Signal Command, 5th Signal Command, 311th Signal Command

PRODUCT DEPENDENCIES:

LMR systems are commercial solutions that provide mobile and portable communication support for garrison public safety, force protection and facilities maintenance operations. Among the primary users of LMR are installation military police, fire departments and emergency medical personnel. LMR maximizes the use of scarce radio spectrum and provides secure voice transmission and mutual aid interoperability with local, state and federal entities.

SOLDIER CAPABILITIES DELIVERED:

- System management centers.
- Repeaters.
- Dispatch consoles.
- Handheld, mobile and desktop radios and antennas.

KEY FACTS:

- Fielded at 25+ military installations in CONUS.
- Fielded at 10+ military installations outside CONUS.

