Section 8:
Deployable Tactical Operations System

Section 8: Deployable Tactical Operations System (DTOS)

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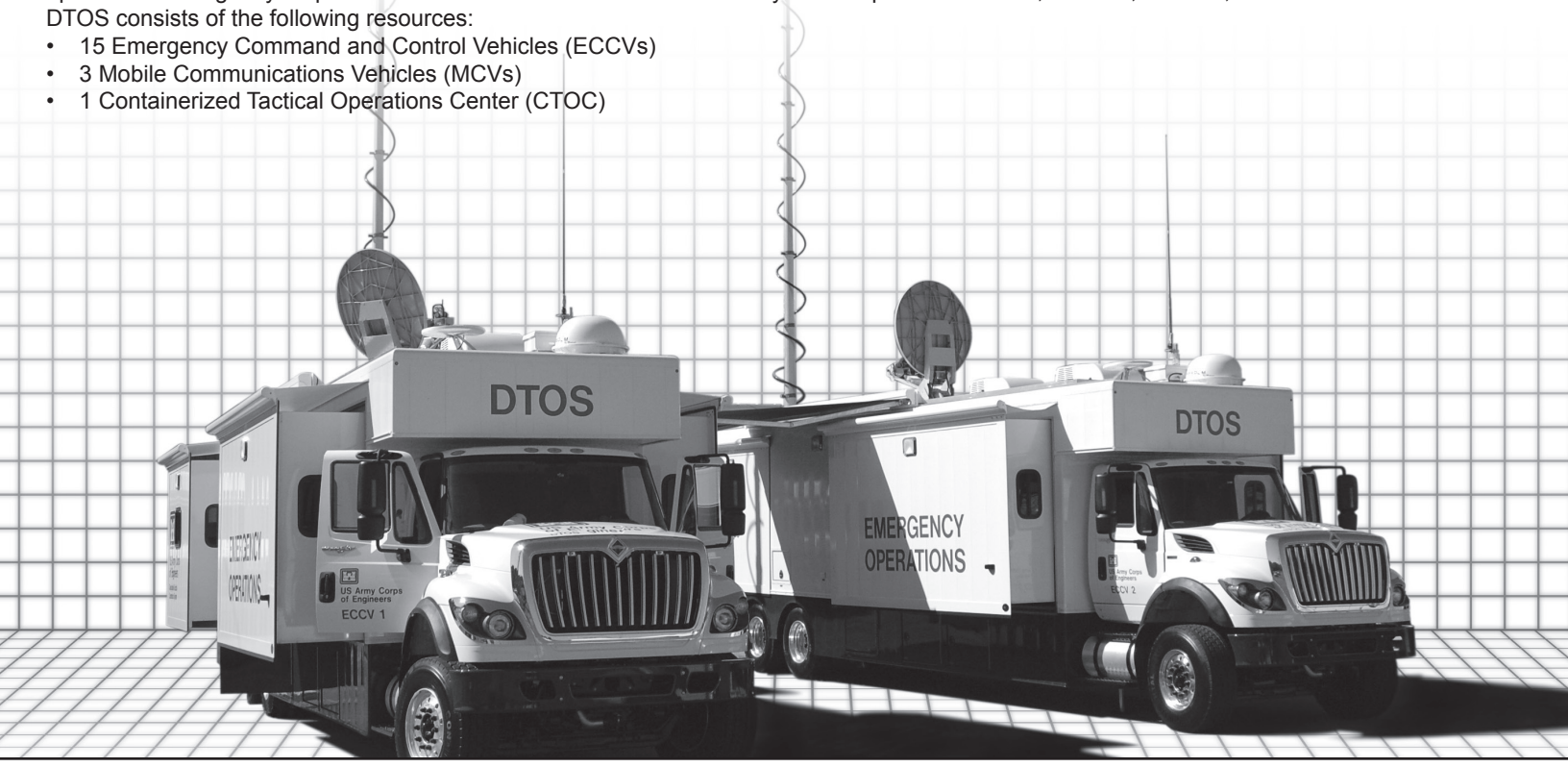
DTOS Overview

The Deployable Tactical Operations System provides mobile command and control platforms and communications in support of the quick ramp-up of initial emergency response missions for the USACE. The DTOS system responds to District, Division, national, and international events. DTOS consists of the following resources:

- 15 Emergency Command and Control Vehicles (ECCVs)
- 3 Mobile Communications Vehicles (MCVs)
- 1 Containerized Tactical Operations Center (CTOC)

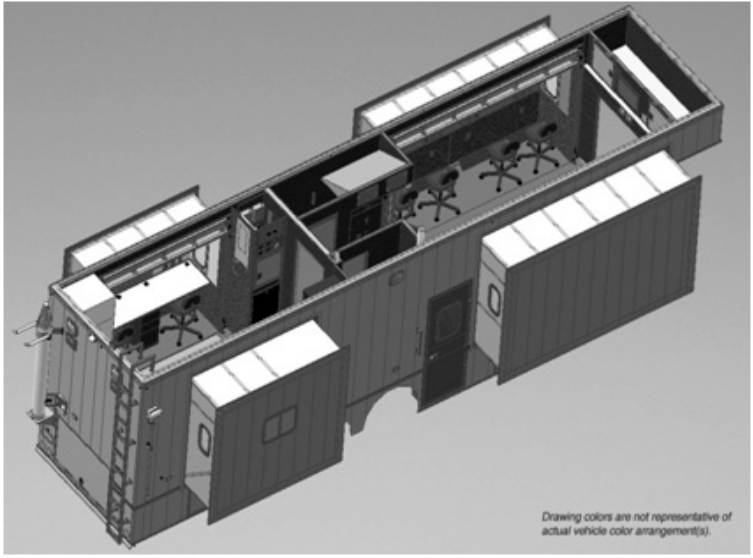


Emergency Command and Control Vehicles

ECCV Layout and Capabilities

- Network connectivity (LAN/WAN) for up to 25 computers
- Backup computers (4)
- Multi-function phones (11)
- VOIP – VSAT-based
- Cellular – provides fax
- Iridium – voice only
- Radio (ACU1000)
- VHF handheld radios (8)
- HF/UHF/VHF radios
- BGAN (voice and data)
- Multi-function printer
- Laser printer
- Wireless AP/bridge
- Onboard generator

This unit has 11 full workstations with capacity also to operate with some staff outside of the unit if necessary.

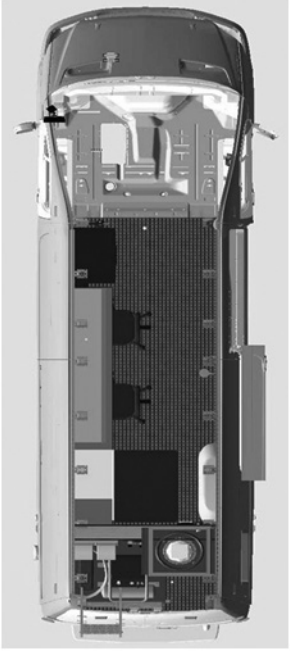


Mobile Communications Vehicles

MCV Layout and Capabilities

- Network connectivity (LAN/WAN) for up to 25 computers
- Backup computers (2)
- Multi-function phones (2)
- VOIP – VSAT-based
- Cellular – provides fax capability
- Iridium – voice only
- VHF handheld radios (6)
- HF radio
- BGAN (voice and data)
- Multi-function printer
- Wireless AP/bridge
- Onboard generator

This unit was not designed to have any personnel working in the van, but rather to be able to provide communications into a facility via a wired or wireless connection.

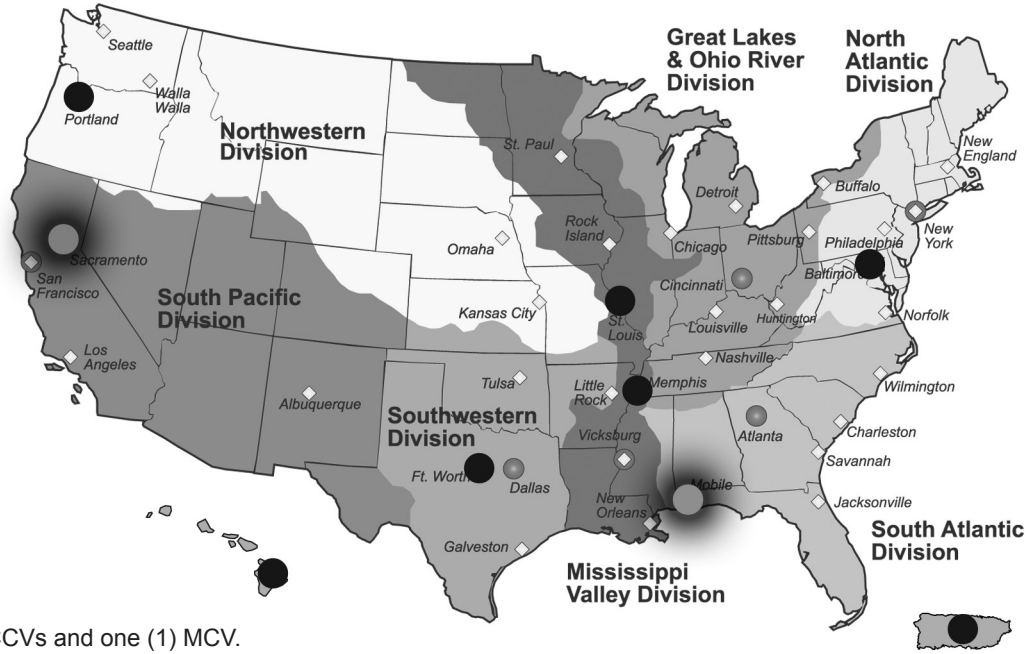


CTOC Capabilities

- Network connectivity (LAN/WAN) for up to 25 computers
- Backup computers (6)
- VOIP – VSAT-based (6)
- Iridium – voice only
- BGAN (voice and data)
- VHF handheld radios (25)
- HF/VHF radios
- Multi-function printer
- Fax
- Scanner
- Printer
- Copier
- Wireless AP
- Generator (2 - 3500W)

Locations

Mobile
Sacramento
Portland
Los Angeles
Ft. Worth
St. Louis
Nashville
Baltimore
Puerto Rico
Hawaii



Mobile has six (6) ECCVs and one (1) MCV.
Sacramento has three (3) ECCVs.
Hawaii has one (1) CTOC.
Baltimore has one (1) ECCV and one (1) MCV.
The remaining locations each have one (1) ECCV only.