

# ASAC 5 Upgrade



DTOC Network of Simulators

- ◆ Provides access to DTOC and OM Van, in addition to all other standard ASAC interfaces.
- ◆ Concurrent unrestricted access to all system functions; OM Van and ASAC can be independent or in concert, simultaneous sim and live missions.
- ◆ Graphical administration panels allow maintainers to support simultaneous missions using different configurations.

Radars (connected live or locations defined for simulations)



OM Van Displays

# NEW FEATURES

- ◆ **Concurrent Mission Support.**
  - ◆ Stand alone live missions; selecting from available radars as needed
  - ◆ ASAC simulation standalone or in a sim-over-live scenario
  - ◆ DTOC exercises integrated into the ASAC Range View and/or pushed into the OM Van
  - ◆ Integrate multiple non-organic radars into the OM Van display
  - ◆ ASAC simulation data (using live local radars or radar position for upcoming deployments) integrated into the OM Van
  
- ◆ **Fail Over Server Clusters.** Redundant Linux servers configured with the fail over protocol software. A failure event in the active server will cause an automatic response and startup of services on the backup passive server. Downtime during critical missions is greatly reduced.
  
- ◆ **Diskless Linux Workstations.** Eliminates a major source of hardware failure and significant maintenance efforts. Workstations are stateless and shared data is kept locally on servers. Reduced noise, centralized backup, and more secure configurations.
  
- ◆ **Enhanced Simulation Features.** Create and fly formations from the Range View. Simplified control panels for managing and building simulation scenarios.
  
- ◆ **Improved Participant Data Management.** Single participant panel for creating automatic identification criteria. Controls for reading data in from removable media and converting mission text files into ASAC participant files.

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