



CAF DMO in Training System Contracts

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Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.



Combat Air Forces (CAF) Distributed Mission Operations (DMO) Contract Requirements

- CAF DMO Interoperability
 - Standards Development Process
 - Federate Testing and Certification of Test Reports
 - Federation Testing and Acceptance for DMO Training
 - Configuration Management for Sustainment of Certification
- Cross Domain Solution
- Additional Agreements
 - Technical Assistance Agreements (TAA)
 - Associate Contractor Agreements (ACA)
- Reuse of Simulation Data



CAF DMO Standards Development Process



- CAF DMO Standards define specifications and associated certification testing criteria
- CAF DMO Standards development process is defined in the CAF DMO Standard Maintenance Plan
- Contractors are required to participate in the development process
- Standards documentation may be provided as part of bidders' library

CAF DMO Testing Processes

- **Federate Testing**
 - Standalone Testing (not connected to a network)
 - CERT Tool automates part of the process
 - Objective: CAF DMO Certified Test Report
 - Certification Authority: CAF DMO O&I contractor (NG)
 - IAW “CAF DMO Conformance Test Standard”
- **Federation Testing**
 - Testing with other systems over DMON
 - Objective: Acceptance for DMO Training
 - Acceptance Authority: AFLCMC/WNS
 - Acceptance is limited to combination of training systems tested
 - IAW “CAF DMO Federation Test Plan”
- **Configuration Management to Sustain Certification and Acceptance**
 - CAF DMO CCB evaluates changes for impacts to DMO training
 - CAF DMO CCB does not approve/disapprove changes
 - Submit configuration changes to CAF DMO CCB
 - Perform additional testing as required by the CAF DMO CCB



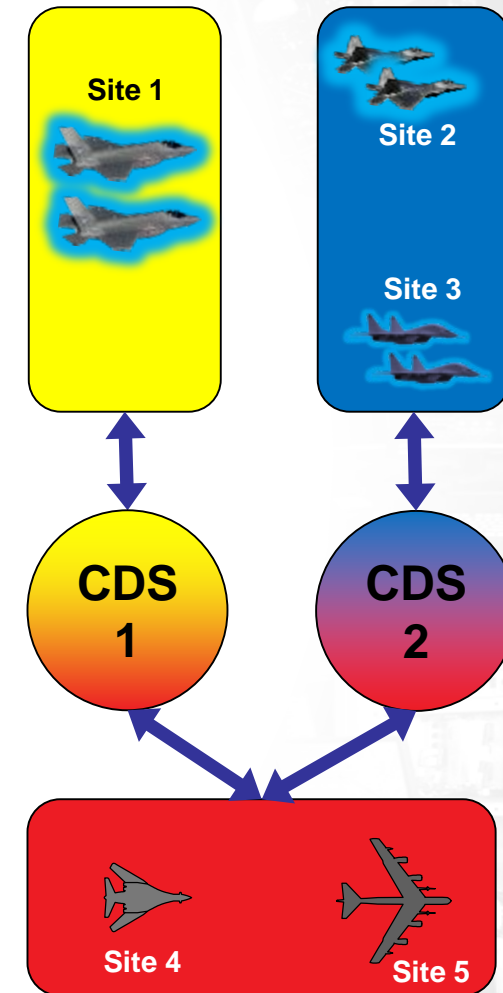
Cross Domain Solution (CDS)

- CDS Objectives

- Enable distributed training between systems that require protection at different security levels
- Comply with security classification guides
- Protect high-side data from exposure to low-side personnel and systems.
- Minimize training limitations imposed by security controls that protect high-side data.

- Contractor Requirements

- Participate in development and risk management of CDS rule-sets
- Certify format of data produced by the simulators
- Comply with OPSEC rules
- Participate in configuration management process to evaluate configuration changes for impacts to CDS and rule-sets
- Participate in testing required to maintain CDS accreditations



*For demonstration purposes only
Not an actual example*

Required Agreements

- Associate Contractor Agreements
 - For collaboration with other contractors in DMO working groups
 - To protect company proprietary data
- Technical Assistance Agreements
 - Foreign exchange officers or coalition partner co-manned forces using the training system
 - Training events with connections to other countries
 - Training events with connections to other US training systems being used by foreign exchange officers or coalition partner co-manned forces

Reuse of Simulation Data

- Standard data formats for delivery of simulation databases and models
- Delivery to common library for government re-use
- Data rights for simulation databases and models
- Use of data from authoritative sources for maximum realism and configuration control

