



MEMORANDUM FOR DISTRIBUTION

December 1, 2011

SUBJECT: Use of Unified Cross Domain Management Office (UCDMO) Baseline  
Cross Domain Solutions (CDSs)

This memorandum provides guidance for all Department of Defense (DoD) and Intelligence Community (IC) elements regarding transition to using CDSs on the UCDMO Cross Domain (CD) Baseline List and away from using CDSs on the UCDMO CD Sunset List (see Attachment 1).<sup>1</sup> The use of Baseline CDSs will expedite satisfying critical warfighter and IC information sharing requirements at reduced development, testing, operations, and sustainment cost. For example, use of a Baseline CDS will save 6-8 months of time in security testing by leveraging the pre-operational security control assessment already conducted on each Baseline CDS.

Within 90 days of this memorandum's signature, all DoD and IC departments, agencies and components with installed or planned Cross Domain Solutions (CDSs) will submit reports on all CDSs (including those in operation, in process for approval to operate/connect, or under research or development) to the UCDMO, following the guidance in Attachment 2. This information will be used to coordinate and manage transition of all CDSs, including those on the Sunset List, to the UCDMO CD Baseline. The UCDMO will provide the DoD and IC Chief Information Officers a report on compliance with this memorandum 120 days after signature.

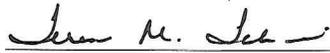
If a CDS (in operation, in process for approval to operate/connect, or under research or development) is not in the UCDMO CD Baseline, a Plan of Action and Milestones (POA&M) detailing the transition to a UCDMO CD Baseline CDS is required. If a department, agency or component determines that no available UCDMO Baseline CDS can be implemented due to urgent operational need or unique technical requirements, a letter justifying the exception(s), with an analysis of alternatives considered and any available security test results is required. The POA&M or exception letter must be submitted to the Cross Domain Resolution Board (CDRB) for evaluation within 90 days of this memorandum's signature. The CDRB will submit its recommendation concerning the POA&M or exception letter to the Defense Information Systems Network (DISN) Global Information Grid (GIG) Flag Panel and/or the Information Security Risk Management Committee (ISRMC), as appropriate, for community review.

A department, agency or component wishing to sponsor a CDS to be placed on the UCDMO Baseline List should contact the UCDMO for assistance and guidance on sponsorship. First time use of a CDS Baseline product within the DoD requires approval by the DISN GIG Flag Panel. First time use of a CDS Baseline product within the IC requires approval by the ISRMC.

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<sup>1</sup> See <http://www.ucdm.gov> for current CD Baseline and Sunset Lists and further information.

For further information, please contact the UCDMO at (240) 373-0796 or [info@ucdmo.gov](mailto:info@ucdmo.gov).



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Teresa M. Takai  
DoD Chief Information Officer



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Assistant Director of National Intelligence  
and Intelligence Community Chief  
Information Officer

Attachments:  
As stated

# ATTACHMENT 1

## DEFINITIONS

**UCDMO Baseline List:** The UCDMO CD Baseline List identifies Cross Domain Solutions (CDSs) that are available for deployment within the DoD and IC. Each solution on the CD Baseline List has successfully completed a written security control assessment conducted by an Authorizing Official's certification representative in a non-operational environment using UCDMO published CDS test standards. In addition, the submitter has validated to the UCDMO that the CDS has lifecycle support and sustainment. CDSs selected from the CD Baseline List will require the Authorizing Official (AO) to conduct their own on-site operational security controls assessment before granting authorization to operate and submitting the CDS for an Approval to Connect (ATC). The purpose of the CD Baseline is to provide a list of validated CDSs to support DoD and IC operational needs.

**UCDMO Sunset List:** The UCDMO CD Sunset List identifies Cross Domain Solutions (CDSs) that are or have been in operation but are no longer available for additional deployment and use, and need to be replaced within a specified period of time. CDSs are placed on the Sunset List because components of the solution have reached end of life and are no longer supported, they were superseded by a newer version or significant configuration modification, they no longer satisfy a needed capability, or the solution has been deemed to have significantly serious security problems and the Authorizing Official (AO) has agreed that removal or replacement is necessary.

**Lifecycle Support and Sustainment:** Each item on the CD Baseline must have a program management support structure to ensure the provision of lifecycle support and sustainment products and services. This criterion is met by providing a written assertion to the UCDMO, from either the commercial developer or government program office. In the case of a government PMO, the assertion must show that funding is available to provide these products and services following the addition of the CDS to the CD Baseline. In the case of COTS, the developer must either provide a statement that the required products and services are included in acquisition costs or provide a cost schedule for service/maintenance agreements.

The assertion must state that, at minimum, the lifecycle support products and services listed below will be provided:

- 1) Availability: The CDS can be made available and will be supported for both DoD and IC customers
- 2) Configuration Control: The CDS configuration will be documented and managed throughout the development cycle and during operational use for the life of each product.
- 3) Distribution Control: Distribution control will be maintained for the life of the product.

- 4) Product Support: To the greatest extent possible, the PMO or developer must provide assurance that support for the hardware platform, operating system, and application will be available for the life of the product. This assurance should include a plan for POA&M development in the case of unforeseen software or hardware obsolescence.
- 5) Software Maintenance: An outline or plan for how software updates including patching, bug fixes, upgrades, and enhancements will be provided.
- 6) User support: An outline or plan for how help desk, user documentation, administration documentation, and training will be supplied.

## ATTACHMENT 2

### Cross Domain Solution (CDS) Compliance Report Instructions

Submit the following information for each CDS instantiation – including solutions that are operational, in process for approval to operate/connect, under development, or in research. Update and revalidate at the end of each calendar year or anytime the data changes. A collaboration spreadsheet template is available on the UCDMO SIPRNet and JWICS SharePoint® site<sup>1</sup>. DoD Components are not required to complete this template if the requested information is available in the SIPRNet GIG Interconnection Approval Process (GIAP) System (SGS).

#### CDS Compliance Report Template

Field Name		Description
Reporting Organization POC	Name	Submitting organization POC - Name
	Phone #	Submitting organization POC - Phone number
	E-mail	Submitting organization POC - E-mail address
Tracking #		Organization's unique tracking number
Tracking # Reference		Source for tracking number
Cross Domain Solution		Cross Domain Solution - Name (e.g., Radiant Mercury.)
Version		Cross Domain Solution - Version number
Status		Operational, In Process for approval to operate/connect, under Development, in Research
Connection Approval Date		Date the CDS was authorized for connection to the network
Part of an Enterprise Service?		If yes, provide Enterprise Service Provider POC name and phone number
Non-Baseline Solution?		If yes, attach POA&M outlining transition plan <sup>2</sup>
<b>Provide the following information for <u>each</u> information flow (i.e., channel)<sup>3</sup>:</b>		
Channel(s)	Channel ID	Channel number or unique identifier
	High Side Domain	High side Domain Name and Classification (including caveats)
	Low Side Domain	Low side Domain Name and Classification (including caveats)
	Data Flow <sup>4</sup>	High-to-Low or Low-to-High
	Data Type	List the types of data being transferred (e.g., binary, ACSII string, date/time)
	File Type	List the allowable file types (e.g., .pdf, .doc, .jpeg)
Site Location		Location of CDS instantiation. If mobile platform, identify platform (i.e., ship name, aircraft type, weapon system name)
Site POC	Name	Site point of contact name
	Phone #	Site point of contact phone number
	E-mail	Site point of contact e-mail address

<sup>1</sup> <http://www.intelink.sgov.gov/sites/ucdm> (SIPR) or <http://www.intelink.ic.gov/sites/ucdm> (JWICS)

<sup>2</sup> Before developing a POA&M, contact the UCDMO to determine whether or not baseline inclusion will be considered.

<sup>3</sup> For Access and Multi-Level Solutions: Provide Channel ID for each network connection, use High Side Domain to identify each respective network, Low Side Domain should state "Not Applicable", Data Flow should state "Access Solution" or "Multi-Level", Data Type and File Type should state "Not Applicable".

<sup>4</sup> Bi-Directional data flows require two channels, one for High-to-Low and another for Low-to-High.

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