



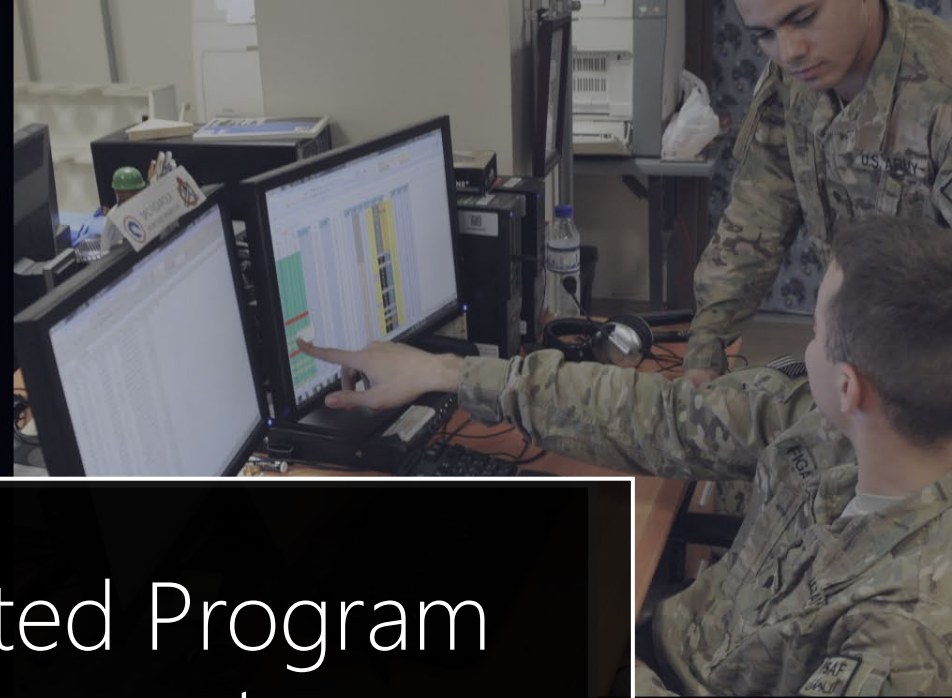
API • IPM

SLIDES ONLY
NO SCRIPT PROVIDED

CLEARED
For Open Publication

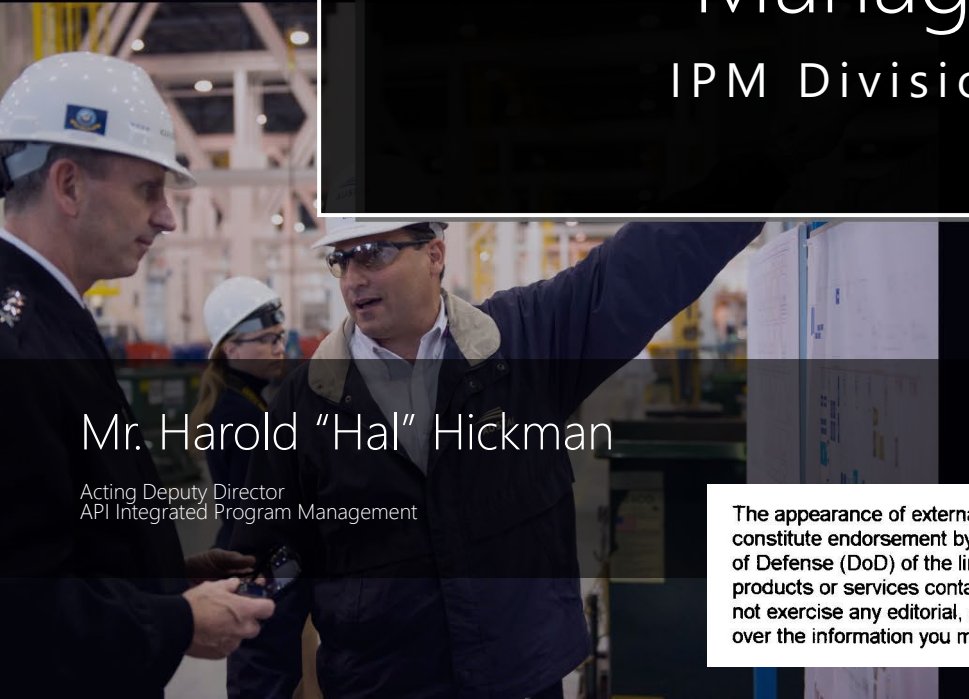
Mar 18, 2025

Department of Defense
OFFICE OF PREPUBLICATION AND SECURITY REVIEW



DoD Integrated Program Management

IPM Division Update



Mr. Harold "Hal" Hickman

Acting Deputy Director
API Integrated Program Management



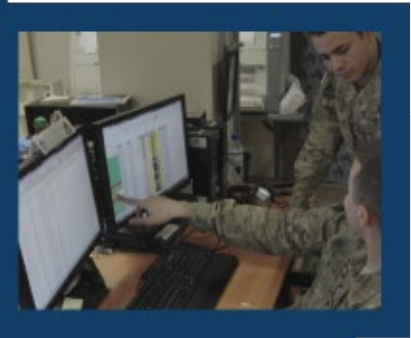
NDIA IPMD Meeting

March 2025

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IPM Division Updates

- IPMDAR / IMS DID
- CFSR DID / EVMSIG
- IPM Glossary
- FY24 NDAA
- EVM-CR / IPMDAR Analyzer Tool
- New Public Website – API IPM Division



IPMDAR DID

- **Updates**
 - Draft IPMDAR DID has been updated based on Government team inputs
 - Government team currently reviewing the updated Draft IPMDAR DID for accuracy of change incorporation
- **Next**
 - Send out to Industry for comments
 - Government team will adjudicate comments
 - Finalize IPMDAR DID for publishing in ASSIST

IMS DID

- **First Draft of IMS DID in progress**
 - It is based on updated IPMDAR DID
 - It only has Schedule terms/content (no references to EVM or Cost)



CFSR DID

- **Issue:** DID had an unauthorized change
- **Update:** Restore the DID to previous version & added EVM-CR reporting
- **Status:** DID published in ASSIST on 02 FEB 2025

EVMSIG

- **Goal:** Prepare the EVMSIG for alignment to pending EIA-748 update
- **Team:** Mr. John Ricci (Lead, DCMA) with members from DCMA, NRO, NAVSEA, and API IPM Division



Government Team

- **Completed:**

- IPM Glossary was finalized on 24 JAN 2025
- IPM Glossary is posted to the OUSD (A&S) DPCAP API IPM Division website (<https://www.acq.osd.mil/asda/dpc/api/ipm/evm-definitions.html>)
 - Toggle from “EVM Acronyms” to “EVM Glossary”

- **Path Forward:**

- Scheduling a 3-day Critical Path and Driving Path Summit for Government
- IPM Glossary has older definitions currently
- The Government consensus on the updated definitions for Critical Path and Driving Path will be shared with Industry for review and comment
- Government team will adjudicate Industry comments
- Finalize definitions will be announced/updated on the IPM Division website



Impact

- **Exempt all software contracts and subcontracts of the DoD from EVMS requirements**
 - FY24 NDAA JES states, “and exempt from the EVM requirement contracts and subcontracts primarily performing software effort”
 - FY25 NDAA Section 823 was silent
- **EVM requirement thresholds from \$20M to \$50M (lower) and \$50M to \$100M (upper)**
 - Language clarified in the Joint Explanatory Statement (JES) for FY24 NDAA and in FY25 NDAA Section 823
- **DFARS Case**
 - DFARS case is being worked to add EVMS exemption for software contracts and subcontracts
 - DFARS case will include updates to the lower and upper thresholds
- **API Messaging**
 - All software contracts require a program management approach
 - Encourage use of some value tracking management practice with software contracts
 - Use the deviation process for omitting the EVMS clause from any contract
 - Risk-based evaluation
 - Acceptable alternative management approach



EVM-CR Release (OCT 2024 and JAN 2025)

• Oct 2024 Release

- IPMDAR Validation Features Added to IPM Portal (e.g., web-enabled)
- Continued Expansion of IPMDAR Analyzer (e.g., Python Desktop Prototype)
 - Updated validations rules
 - Expanded human-readable export formats (e.g., Format 3 style report)
 - Anomaly detection

• Jan 2025 Release

- Updated IPM Submission/Review Workflow
 - Increases real-time feedback to submitters/reviewers on unusual data (IPMR & IPMDAR)
 - Improve efficiency/reliability using “raw” IPM data for Program Performance Assessments
- Analyst-only Dashboarding & Data Visualization
 - First-generation framework for program-level and portfolio data aggregation
 - Improve efficiency/reliability using “raw” IPM data for Program Performance Assessments
 - First Generation Display Of IPMDAR Data Within “Data View & Charts”
- Adding IPMDAR Data Within EVM-CR Data Views (e.g., Analyst Users)

Focus: Data Quality & Data-Driven Analysis



DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

IPM Portal

Acquisition Policy and Innovation: IPM Division

Signed in as jmcgahan | Log Out | IPM Public Site

- EVM-CR
- Performance Tracker
- Contract Request
- IPMDAR Utilities
- Update Profile

News Items

EVM NEWS

- 10/14/2024 30-31 October 2024: Earned Value Management Practitioners' (EVMP) Forum
- 10/14/2024 25-27 March 2025: NDIA Integrated Program Management Division

Upload an IPMDAR File

No file chosen Browse

Select Validation **Select Conversion**

.JSON CPD Results .XLSX CPD → Excel

Select Export

.XML IPMR (.xml) .CSV Pivot (.csv) .XLSX Formatted (.xls)

Upload an IPMDAR File

No file chosen Browse

Select Validation **Select Conversion** **Select Export**

.JSON SPD Results .XLSX SPD → Excel .XML IPMR (.xml)



- Validation Utility
 - Combines 3 separate tools into single interface (e.g., CPD Validation, SPD Validation, and CPD/SPD Integration Validation)
 - Provides a desktop capability of validation engine which is embedded inside EVM-CR
- IPMDAR Analyzer (“Prototype Platform”)
 - More CPD, SPD, and CPD/SPD Integration Validation
 - Create legacy-style human readable cost formats
 - Continued experimentation with visualization, data science and new validation heuristics
- CPD and SPD Conversion Utilities
 - Round-trip between zipped JSON and XLS formats (valuable debugging format)
 - Export to legacy IPMR XML compatible format
 - Export for pivot-friendly format (CPD-only)

Tools & Sample Files

Download the IPMDAR sample files and desktop tools for viewing and validating IPMDAR files (**Download Instructions**, password: **EVM TOOL**). Legacy IPMR tools can be found on the **Archive** page.

IPMDAR CPD & SPD

Validation Utility (updated Jan 2025) - *Recommended*
Validates CPD and SPD files to IPMDAR DEI & FFS, giving the closest results available to validation applied within the EVM-CR.

Analyzer Tool An experimental tool that provides insight on individual file validation, cross-file structural validation, and more. Results may vary from validation results within the EVM-CR.

IPMDAR CPD

Conversion Utility Converts CPD files to legacy IPMR or Excel format.

Sample Files Download a zip file of sample CPD files.

IPMDAR SPD

Conversion Utility Converts SPD file to legacy IPMR or Excel format.

Sample Files Download a zip file of sample SPD files.

<https://www.acq.osd.mil/asda/dpc/api/ipm/resources.html>





Validation Steps

- Validation of data on individual files (IPMR or IPMDAR)
- Consistency checks for files on submission as well as connection to previously submitted files (IPMR or IPMDAR)
- Detailed cost/schedule integration tests (IPMDAR-only)

EVM-CR EVM Central Repository
Acquisition Policy and Innovation: IPM Division

Portal Home | EVM Home | Admin | My EVM | Contact Us | Signed in as jmcgahan | Log Out | IPM Public Site

Submission Detail

Submission Status: **Open**

Program: **Vampire Countermeasure Systems**
Contract: **Y00000-23-Z-0001**
Effort: **AVC Swarm Development**

Report Date: **12/31/2023**
Month / Year: **December 2023**
Submission ID: **15197**

Reporting Contractor: **STAKE Corp**
Division: **Test System**
Submitter: **Nicholi Kemp**

POC: **Nicholi Kemp**
Email: **NKemp@tecolote.com**
Phone: **5555555555**

Files | File Validation **10** | Structure Validation **2** | Integration Validation | Reviewers

Reporting Requirements

Included: [Contract Performance Dataset](#), [Schedule Performance Dataset](#)
Missing: None

Submission Files

File Name	File Type	Version	Upload Date	File Comment	Votes
Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)	Final	1/23/2025		
VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)	Final	1/23/2025		

Admin Actions

Set Status To Reviewing
Set Status To Open
Edit Details

Submission History

Status	Date Modified	Name
Open	1/23/2025	Nicholi Kemp

Comments: No comments have been made regarding this submission. Add Comment

*** Training Data ***



EVM-CR EVM Central Repository
Acquisition Policy and Innovation: IPM Division

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Submission Detail

Submission Status: **Open**

Program: Vampire Countermeasure Systems
Contract: Y0000-23-Z-0001
Effort: AVC Swarm Development

Report Date: 12/31/2023
Month / Year: December 2023
Submission ID: 15197

Reporting Contractor: STAKE Corp
Division: Test System
Submitter: Nicholi Kemp

POC: Nicholi Kemp
Email: NKemp@tecolote.com
Phone: 5555555555

Files | File Validation **10** | Structure Validation **2** | Integration Validation | Reviewers

Reporting Requirements

Included: Contract Performance Dataset, Schedule Performance Dataset
Missing: None

Submission Files

File Name	File Type	Version	Upload Date
Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)	Final	1/23/2025
VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)	Final	1/23/2025

Comments
No comments have been made regarding this submission.

Admin Actions

Click the glasses by a cost, schedule, or format 7 file to view individual file data validation.

Files | File Validation **10** | Structure Validation **2** | Integration Validation | Reviewers

Cost Files

View	File Name	File Type	Version	Admin File	Admin Comment
	Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)	Final	No	

Authoritative File: Yes
Make Non-Authoritative

Schedule Files

View	File Name	File Type	Version	Admin File	Admin Comment
	VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)	Final	No	

File Details

File Name: Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip
File ID: 60713
Report Type: Electronic Cost
File Level: Total

Navigate File Periods (1)
12/31/2023

Quick Links
 Data Quality Validation
 Performance Over Time

Current Period Report From: 12/1/2023 Report To: 12/31/2023	Report Information Program Name: Vampire Countermeasure IPMR ID: 12071 Systems Block II Phase: Development Contract: Y0000-23-Z-0001 Contract Type: CPIF Contractor: STAKE Corp	Header Dollars in Thousands
Processed Date Processed: 1/23/2025	Performance Measurement Baseline (PMB) MR: \$10,000 BAC: \$249,990 EAC: \$249,990 BCWP: ACWP: CPI: SPI:	Quantity: 2 Original NCC: \$200,000 NCC: \$250,000 + CBB: \$379,990 + TAB: \$259,990 AUW: \$5,000 + Contract Ceiling: \$240,000 + Estimated Ceiling: \$260,000 Best Case EAC: \$259,990 Worst Case EAC: Most Likely EAC: \$258,750 + Target Price: \$258,750 + Estimated Price: \$260,000
Source Data Type Source: IPMDAR	Over Target Baseline (OTB) OTB Date: CV Adjustment:	Dates Contract Start Date: 12/1/2023 Contract Definition Date:
Variations At Complete: Cumulative Schedule: Cumulative Cost: Total Schedule:		

Individual Submission File Validation

- IPMR & IPMDAR files
- Minimal changes for this release; basic rearrangement of user interface

*** Training Data ***

EVM-CR EVM Central Repository
Acquisition Policy and Innovation: IPM Division

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Submission Detail

Submission Status: **Open**

Program: Vampire Countermeasure Systems
Contract: Y00000-23-Z-0001
Effort: AVC Swarm Development

Report Date: 12/31/2023
Month / Year: December 2023
Submission ID: 15197

Reporting Contractor: STAKE Corp
Division: Test System
Submitter: Nicholi Kemp

POC: Nicholi Kemp
Email: NKemp@tecolote.com
Phone: 5555555555

Files | File Validation 10 | **Structure Validation 2** | Integration Validation | Reviewers

Reporting Requirements

Included: Contract Performance Dataset, Schedule Performance Dataset
Missing: None

Submission Files

File Name	File Type	Version	Upload Date
Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)	Final	1/23/2025
VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)	Final	1/23/2025

Comments
No comments have been made regarding this submission.

Admin Actions
Set Status To Reviewing

Files | File Validation 10 | **Structure Validation 2** | Integration Validation | Reviewers

Submission File Comparisons

Review integration of current submission. The system compares the authoritative cost file to any additional cost files, the authoritative schedule file to any additional schedule files, and the authoritative cost and schedule files.

Cost to Cost | Authoritative | Additional | N/A

Schedule to Schedule | Authoritative | Additional | N/A

Cost to Schedule | Authoritative | Authoritative | 2

Match	Field	Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	VC Aerial Swarm SPD #1 20231231 Import.zip
✓	Budget Completion Date / Baseline Project End Date		
✗	Completion Date / Estimated Project End Date	12/31/2026	12/15/2026
✓	Contract Number	Y00000-23-Z-0001	Y00000-23-Z-0001
✓	Contractor Name	STAKE Corp	STAKE Corp
✓	Effective Date / Reporting Period End Date	12/31/2023	12/31/2023
✓	Program Name	Vampire Countermeasure Systems Block II	Vampire Countermeasure Systems Block II
✗	Report From / Reporting Period Start Date	12/1/2023	
✓	Start Date / Actual Start Date	12/1/2023	12/1/2023

Previous Submission File Sequencing

Review sequencing of previous submission. The system compares the previous submission's authoritative files to the current submission's authoritative files.

Cost to Cost | Current | Previous | ✓

Schedule to Schedule | Current | Previous | ✓

- Real-time testing of data consistency
- Applies to IPMR and IPMDAR files
- Checks consistency for files within submission
- Check consistency to previous submissions (e.g., file sequencing)

IPMDAR-Only

- Detailed data checks between cost/schedule data
- Minimal changes for this release; basic rearrangement of user interface

EVM-CR EVM Central Repository
 Acquisition Policy and Innovation: IPM Division

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Submission Detail (Back | Prev | Next)

Submission Status: **Open**

Program: **Vampire Countermeasure Systems**
 Contract: **Y00000-23-Z-0001**
 Effort: **AVC Swarm Development**

Report Date: **12/31/2023**
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 Phone: **5555555555**

Files | File Validation **10** | **Structure Validation 2** | Integration Validation | Reviewers

Reporting Requirements
 Admin Actions

Included: [Contract Performance Dataset](#), [Schedule Performance Dataset](#)
 Missing: None

Submission Files

File Name	File Type
Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)
VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)

Comments
 No comments have been made regarding this submission.

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Submission Detail (Back | Prev | Next)

Submission Status: **Open**

Program: **Vampire Countermeasure Systems**
 Contract: **Y00000-23-Z-0001**
 Effort: **AVC Swarm Development**

Report Date: **12/31/2023**
 Month / Year: **December 2023**
 Submission ID: **15197**

Reporting Contractor: **STAKE Corp**
 Division: **Test System**
 Submitter: **Nicholi Kemp**

POC: **Nicholi Kemp**
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 Phone: **5555555555**

Files | File Validation **10** | **Structure Validation 2** | **Integration Validation** | Reviewers

COST SCHEDULE INTEGRATION TESTING
 Admin Actions

Select a file by checking a box from the Cost and Schedule Files sections and select 'RUN' to perform Cost Schedule Integration tests.

Cost

	File Name	File Type	Version
<input checked="" type="checkbox"/>	Prog2 Ctr1 Eff1 CPD - #1 20231231 Import.zip	Electronic Cost (IPMDAR)	Final

Schedule

	File Name	File Type	Version
<input checked="" type="checkbox"/>	VC Aerial Swarm SPD #1 20231231 Import.zip	Electronic Schedule (IPMDAR)	Final

Admin Actions

Set Status To Reviewing
 Set Status To Open
 Edit Details

Submission History

Status	Date Modified	Name
Open	1/23/2025	Nicholi Kemp

RUN



Acquisition Policy and Innovation has merged with Defense Pricing and Contracting



Defense Pricing, Contracting, and Acquisition Policy - Acquisition Policy and Innovation

Acquisition Policy and Innovation is the lead for enabling innovative acquisition approaches that deliver warfighting capability at the speed of relevance. Our priority is to support the development of data-driven decision making, through our initiatives such as implementing the Adaptive Acquisition Framework and providing acquisition data governance, access, and analytics. API issues policies, procedures, and guidance governing the conduct of such work by the Military Departments and the Defense Agencies. We are the central office for major defense authorization performance assessment, root cause analysis, and earned value management within the Department of Defense (DoD).

*API Website: <https://www.acq.osd.mil/asda/dpc/api/index.html>
IPM Website: <https://www.acq.osd.mil/asda/dpc/api/ipm/index.html>*





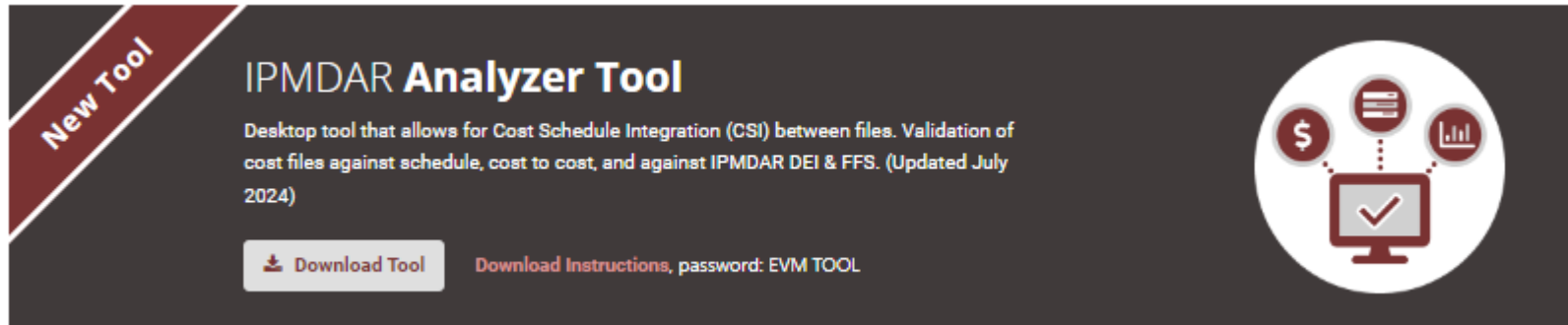
Any Questions?

Mr. Harold "Hal" Hickman

harold.w.hickman.civ@us.navy.mil

IPMDAR Validation Tool Available for Download

<https://www.acq.osd.mil/asda/dpc/api/ipm/resources.html>



New Tool

IPMDAR Analyzer Tool

Desktop tool that allows for Cost Schedule Integration (CSI) between files. Validation of cost files against schedule, cost to cost, and against IPMDAR DEI & FFS. (Updated July 2024)

[Download Tool](#) [Download Instructions, password: EVM TOOL](#)

Validates CPD and SPD files individually; checks cost/schedule integration

Updated July 2024: Generates Format 1 and 2 like views
(team working to add Format 3 like view)

New IPMDAR Validation Tool