Earned Value Management Central Repository (EVM-CR)
The EVM-CR is a data repository managed by the IPM division of OUSD(A&S) ADA, the office of Acquisition Data and Analytics.

The purpose of the EVM-CR is to establish a source of authoritative Earned Value Management (EVM) and Integrated Program Management (IPM) data for the Department and to provide prompt access for PMOs, Services, OSD, and DoD Components.

SUBMIT
- Industry
- Monthly reports delivered direct from the supplier

REVIEW
- Government
- Gov’t PMO reviews and approves or rejects delivery

PUBLISH
- Published submissions are available to all approved DoD Analysts

All ACAT Programs with an EVM reporting requirement must submit to the EVM-CR
Getting Started

- Access Requirements & User Roles
- Creating an account
- Contract Request
- Reviewer Home
## Getting Started

### Access Requirements & User Roles

Access request via ADA IPM public website: [https://www.acq.osd.mil/asda/ae/ada/ipm/](https://www.acq.osd.mil/asda/ae/ada/ipm/)

### Industry

<table>
<thead>
<tr>
<th>User Role</th>
<th>Responsibilities</th>
<th>Appropriate for</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Submitter</strong></td>
<td>RESPONSIBLE FOR Delivery of reports</td>
<td>Industry contractors</td>
</tr>
<tr>
<td><strong>Industry Reviewer</strong></td>
<td>RESPONSIBLE FOR Oversight of reports delivered by all submitters from their organization</td>
<td>Industry contractors</td>
</tr>
</tbody>
</table>

### Government

<table>
<thead>
<tr>
<th>User Role</th>
<th>Responsibilities</th>
<th>Appropriate for</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reviewer</strong></td>
<td>RESPONSIBLE FOR Reviewing, approving, and publishing reports</td>
<td>DoD</td>
</tr>
<tr>
<td></td>
<td>Managing submitters and reviewers assigned to efforts</td>
<td>Program Office</td>
</tr>
<tr>
<td><strong>Analyst</strong></td>
<td>ALLOWED TO View and download published reports</td>
<td>DoD</td>
</tr>
</tbody>
</table>

### ACCESS EVM-CR via

- **External Certification Authority (ECA) certificate**
- Certificates issued by major contractors Boeing, Northrup Grumman, Raytheon, and Lockheed Martin

### ACCESS EVM-CR via

- **Common Access Card (CAC)**
- NDAs: Support contractors must obtain and submit NDAs in order to gain reviewer or analyst permissions
Access request via ADA IPM public website: [https://www.acq.osd.mil/asda/ae/ada/ipm/](https://www.acq.osd.mil/asda/ae/ada/ipm/)

Once the user has obtained a CAC or ECA Certificate, they can register for access.

- Click “Request Account”
- Create a username and password
- Fill out the User Profile

The EVM-CR Support Team will review and the request and approval typically takes 2-3 business days.

**Recommend alerting Supervisor to watch for email from EVM-CRSupport@Tecolote.com**
### Profile Information

**Name**
- Username: Submitter
- First Name: [First Name]
- Last Name: [Last Name]

**Service Affiliations**
No service affiliations at this time.

**Personal Details**
- Email: [Email]
- Organization: [Organization]
- Program: [MDAP/Program]
- DSN: [DSN]
- Phone: 253-564-1979
- Phone 2: [Phone 2]

**Address**
- Address: [Address]
- Address 2: [Address 2]
- City: [City]
- State / Region: [State / Region]
- Zip / Postal Code: [Zip / Postal Code]

**User Type and Security References**
- User Type: Non-Gov’t Industry Data Provider
- Citizenship: U.S. Citizen
- Company Name: [Company Name]
- Supervisor Email: [Supervisor Email]
Select the Submitter Role
Once system access is approved, log in and select the **EVM-CR** application.
To request access to contract(s):

1. Once in EVM-CR, go to **My EVM** > **Upload Home**

2. Select the **Assigned Contracts** tab

Enter the contract number, click Send Request, and the Lead Reviewer will receive an email alerting them to the request.
Upload Home

- Submit
- Effort Submission Status
- Assigned Contracts
- Submission History
The Submit tab is divided into two sections. Continue Existing Submissions provides a display of all submissions in the Open status; click Continue to update the submission. Start New Submission on Effort displays a list of all active assigned Efforts; click Start Submission to begin a submission.

Submission Statuses

- **Open**: Submission has been started by the Submitter but not yet delivered to the government
- **Reviewing**: Submission has been submitted by the Submitter. 5 Day Review Period has started
- **Published**: Government has accepted the submission by pressing the Publish button or the 5 day review period has ended and the submission has auto-published and is now available for approved government Analysts to Review
- **Rejected**: Submission was Rejected by review team and is only available to Submitters and Reviewers assigned to the contract
The Effort Submission Status tab displays a Reporting Compliance Report view of assigned contracts. This report compares required deliveries against what has been received in the EVM-CR.

- The cells are clickable and provide additional detail about the rating.
The Assigned Contract tab displays all contracts assigned and provides hyperlinks to Contract Detail and Program Detail pages.

To request access to a contract, simply enter the contract number in the field at the top of the page and click “Send Request”.

<table>
<thead>
<tr>
<th>Contract</th>
<th>Effort</th>
<th>Program Name</th>
<th>Program Manager</th>
<th>Reporting Contractor</th>
<th>Reporting Contractor Division</th>
<th>Prime/Sub</th>
<th>Status</th>
<th>Requested Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABCDE-00-A-0123</td>
<td>Delivery Order 1</td>
<td>Jen's Program</td>
<td>Jen Horner</td>
<td>Dunder Mifflin</td>
<td>Mifflin Automotive</td>
<td>Prime</td>
<td>Assigned</td>
<td></td>
</tr>
<tr>
<td>DAAH01-03-C-0076</td>
<td>LAR</td>
<td>LAR Vehicle</td>
<td>Debbie Buck</td>
<td>Increda, Corp</td>
<td>Division 1</td>
<td>Prime</td>
<td>Assigned</td>
<td></td>
</tr>
<tr>
<td>X00000-21-Y-0001</td>
<td>Task 1</td>
<td>Vampire Countermeasure Systems</td>
<td>Josh Whedon</td>
<td>STAKE Corp</td>
<td>Test System</td>
<td>Prime</td>
<td>Assigned</td>
<td></td>
</tr>
</tbody>
</table>
The Submission History tab displays all submissions for all assigned contracts regardless of status and provides filtering options to Search Submissions.
Contract Detail

- Contract Summary
- Reviewers & Submitters
- Received Submissions
- Contract Attachments
- Reporting Stream
- Comments
- Actions
- Data Views & Charts
Access contract summary by clicking the Contract Number under Assigned Contracts.

The Contract Summary Page displays all Efforts on the contract, DAU Gold Card Metrics for the most recently Published Electronic Cost Submission on the Selected Effort and a Reporting Compliance Report for all Efforts on the contract.
The Reviewer & Submitters tab displays all Reviewers (by role type) and Submitters assigned to the contract.
The Received Submissions tab displays all Submissions received on the contract, associated Effort, Files provided, Report Date, Submission Date, Status and Status Date.

- **Report Date:** Contractors Accounting Close Date
- **Submission Date:** Date the Submission the Submitter submitted the Submission and status was changed from Open to Reviewing
- **Status Date:** Date Submission was set to the current Status (Open, Reviewing, Published or Rejected)

There are filtering options as well which allow the user to search by Effort, Report Type or Submission Status.
The Contract Attachments tab will include the contract CDRL documents (form DD-1423) as well as any communications received related to changes in reporting requirements.
The Reporting Stream tab is populated at contract setup by the EVM-CR Support Team. It contains Reporting Requirements as identified in the Contract CDRL documents (form DD-1423). This information feeds the Submitters Reporting requirements and is used to measure Reporting Compliance.
The Comments tab will include comments related to the contract that are not included in Contract Attachments.

** Note: This is not common.
EVM-CR Reviewer

Contract Detail: Actions

- **View IPMR Cost Data Report:** Displays all level 1 data submitted over time by Effort
- **Download IPMR Data Package:** Provides a zipped collection of Electronic Cost Data submitted over time, most recent Format 6 and Format 7
- **Download IPMR Excel Report:** Provides an Excel Export of Electronic Cost Data submitted over time
- **View Data Quality Issues:** Displays all reported Data Quality Issues and the resolution status of each
- **Report Data Quality Issue:** Provides the option to report a Data Quality Issue to the Help Desk
- **Reporting Compliance Report:** Quick link to the Reporting Compliance Report
The Data Views & Charts button will be available on contracts with efforts that have published Electronic Cost Reports.

Header, WBS Elements, Summary Elements, OBS Elements Baseline and Staffing will display data received in published Electronic Cost files. All periods of data will be available, default display will be the most recent reporting period.
Chart Descriptions

- **Performance Over Time:** Chart includes key EVM Metrics as well as CPI and SPI over time
- **Element Performance Comparison:** Compares selected Elements between two time periods
- **Budget Shifting:** Displays EAC and BAC changes for select Elements
- **TCPI-CPI:** Displays TCPI EAC, CPI, CPI +10% and TCPI BAC
- **Variance:** Displays reported Cost and Schedule Variances
Upload Submission

- File Upload
- Machine Readable vs Human Readable
- Validation Rules
- Data Quality Review
- Submission Status
Start New Submission on Effort

- Select the **Start Submission** option next to the appropriate Program, Contract and Effort, to begin the Submission

Submitter should review Effort Start and End Dates and ensure accurate
**Upload Submission**

- Select either Cost/Schedule or CFSR Submission to continue
- Requirements table is populated based on defined Reporting Stream
- Select the icon under Upload to provide the corresponding report

**System provides Real Time Feedback of Uploaded Requirements**
Machine Readable Files

- JSON and UN/CEFACT files (IPMDAR CPD, SPD and IPMR Formats 1-4, 6 and 7) are read by the system and the appropriate file type will be assigned.

Human Readable Files

- File type of PDF, Word, XLS, PPT, and Native Schedule files must be identified by submitter to receive credit for delivery.

Upload File

- Native Schedule
- Other/Human Readable
  - Cost
  - Format 5
  - Executive Summary
  - Variance Analysis
  - Signature Page

Component

Add a comment

Submit
## System Validation Rules

- EVM-CR automatically checks machine readable files to ensure they are consistent with the IPMDAR/IPMR Data Exchange Instructions (DEI)
- Data Quality Checks include Date, Header, PMB, Order of Magnitude, Schema, Detail
  - Metrics contributing to a Data Validation Failure will be highlighted in RED

### Report Information

- **Program Name:** FORGE MDPDF TTO
- **Phase:** FRP
- **Contract:** FA8806-20-9-0001
- **Contract Type:** CPAF
- **Contractor:** Raytheon Intelligence & Space
- **Maximum WBS Level:** 5
- **IPMR ID:** 709245
- **Authoritative IPMR:** Yes

### Performance Measurement Baseline (PMB)

- **MR:** $4,994
- **BAC:** $110,933
- **EAC:** $110,052
- **BCWS:** $15,978
- **BCWP:** $17,607
- **ACWP:** $16,642
- **CPI:** 1.058
- **SPI:** 1.102

### Over Target Baseline (OTB)

- **OTB Date:**
- **BAC Adjustment:**
- **SV Adjustment:**
- **CV Adjustment:**
- **MR Adjustment:**

### Header

- **Dollars in Thousands**
- **Quantity:**
  - Original NCC: $115,963
  - NCC: $115,963
  - CBB: $115,963
  - TAB: $115,963
- **AUW:**
- **Contract Ceiling:** $129,803
- **Estimated Ceiling:** $129,803
- **Best Case EAC:** $107,345
- **Worst Case EAC:** $114,659
- **Most Likely EAC:** $111,519
- **Target Price:** $129,803
- **Estimated Price:** $125,358

### Dates

- **Contract Start Date:** 8/26/2020
- **Contract Definitization Date:** 8/26/2020
- **Planned Completion Date:** 11/22/2020
- **Contract Completion Date:** 8/25/2025
- **Estimated Completion Date:** 8/25/2025
Review Data Quality Validation Report

- Display of all checks run on the file with an indication of pass/fail

Review Performance Over Time Chart

- 5 Key EVM Metrics charted over the life of the effort. Includes indicator of where data in submitted file falls in relation to previous submissions.

Quick Links

- Data Quality Validation
- Performance Over Time

Spikes or dips in these Monthly Metrics could indicate a Data Quality Issue
## Submission Data Validation Reports

**Program:** Death Star Program (Testing Purposes)  
**Contract:** N00000-00-0001  
**Effort Name:** B-Wing  
**Report To Date:** 01/31/2018  
**IPMR Id:** 7221

<table>
<thead>
<tr>
<th>Description</th>
<th>Passed</th>
<th>Failed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report Period From is required</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Report Period From must be on or before Report Period To</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Completion Date must be on or after Start Date</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Estimated Completion Date Must be on or After Start Date</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Planned (Budget) Completion Date must be on or after Start Date</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>OTB Date must be on or before Report Period To (or report created date)</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CBB is too large (larger than 100 Billion)</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>TAB must equal CBB unless OTB is specified</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Contract Ceiling price must be greater than or equal to Target Price</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Estimated Contract Ceiling must be greater than or equal to Estimated Price</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Target Price must be greater than or equal to NCC</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Best Case EAC must be less than or equal to Most Likely EAC</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Worst Case EAC must be greater than or equal to Most Likely EAC</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Best Case EAC must be less than or equal to Worst Case EAC</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Authorized Unpriced Work must equal CBB - NCC</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CBB must be greater than or equal to 0</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>TAB must be greater than or equal to 0</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
Submitting & Reviewing

Submission Status and Review Period

Open

• Submission is in Submitter control, but Review team can access files and make comments

Pending

• Submitter has submitted required files, Review team has **5 days to review** (optionally can extend to a maximum of 10 days if needed)

Published

• Review team has completed their review and Lead Reviewer has Published the submission or review period has expired and submission has auto-published. All approved government Analysts now have access.

Rejected

• Review team has rejected submission. Submitters and Reviewers assigned to the contract will still have access to the submission. Government Analysts will not.

**Submissions can be returned to the Open status to allow for correction or inclusion of missing files** (See next slide for guidance)
To request a Submission be returned to the OPEN status, click the “Request Open Status” button from the Submission Detail page.

A request will be generated to the government Lead Reviewer team.
Reports & Metrics

- Reporting Compliance
- IPMR Cost Data
- Contract Effort IPMR Cost Data
- Level 1 Portfolio
Located under **My EVM**, **Reports & Metrics** offers a variety of reports and data views:

**Reports & Metrics**

**Compliance Reports**
- Reporting Compliance - compares reporting requirements and reports delivered and provides a rating for each report type

**Data Views**
- IPMR Cost Data – grid view of all level one data delivered by effort
- Contract Effort IPMR Cost Data – grid view of key metrics delivered by effort on selected program group
- Level 1 Portfolio – grid view of all currently contributing contract performance data

*Only reports and data from assigned contracts will appear*
The **Reporting Compliance Report** shows high-level reporting compliance scores for the selected assigned contract effort above. Compliance scores are derived by reports delivered versus what’s expected following the reporting stream.
### Reports & Metrics

#### Reporting Compliance

**Compliance Details**

**Export**

**DOD**

<table>
<thead>
<tr>
<th>Program</th>
<th>Contract</th>
<th>Contractor</th>
<th>Effort</th>
<th>Sep-21</th>
<th>Oct-21</th>
<th>Nov-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Death Star Program (Testing Purposes)</td>
<td>N0000-00-0001</td>
<td>Rambo Systems</td>
<td>AT-AT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Death Star Program (Testing Purposes)</td>
<td>N0000-00-0001</td>
<td>Rambo Systems</td>
<td>AT-ST Walker</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Schedule Details**

- Contract: N0000-00-0001
- Effort Name: AT-AT
- Year: 2021
- Month: October

**Schedule**
- ELECTRONIC SCHEDULE ON TIME
- ELECTRONIC SCHEDULE COMPLIANCE
- NATIVE SCHEDULE ON TIME

**Legend**

- Schedule
- Not Required & Not Delivered

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**Provides an Excel Export of the Reporting Compliance Report**

**Pops up a comments box with who and what a person has said on the effort, contract, and program**

**Leads to the IPMR Cost Data table of the selected effort**

**Similar to the Effort Submission Status**, each cell when selected provides additional details about each rating
The **Compliance Details** will detail in table format each red and yellow compliance issue an effort has.

- This information can also be exported to Excel
IPMR Cost Data will showcase all the level one data starting with using the selected search criteria to find specific programs.
• From the selected program, review needed information for desired contract
• Click the sunglasses to check out the multiple efforts
• Click the dropdown for component names apart of each effort
Reports & Metrics

IPMR Cost Data

- After review, click on the arrow to run a report of that particular effort
- All the data can be seen in the browser but an Export to an excel spreadsheet is available
- Report any data that might be an issue with Report Data Issue

Show Programs  >  Show Contracts  >  Show Efforts

Program: Death Star Program (Testing Purposes)
Contract: N0000-00-0001
Effort: A-Wing

(Cost values are in dollars)
*Calculated Value

<table>
<thead>
<tr>
<th>Month</th>
<th>Year</th>
<th>Submission Year Month</th>
<th>Report From</th>
<th>Report To</th>
<th>Contract Start Date</th>
</tr>
</thead>
</table>

Efforts - Current Contract: N0000-00-0001

<table>
<thead>
<tr>
<th>Effort Name</th>
<th>Effort Number</th>
<th>Start Date</th>
<th>End Date</th>
<th>First Period</th>
<th>Last Period</th>
<th>Run Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-TE Walker</td>
<td>8</td>
<td>6/1/2019</td>
<td>12/31/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effort w/Inactive Components</td>
<td>7777</td>
<td>8/1/2021</td>
<td>8/28/2021</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imperial Shuttle</td>
<td>2</td>
<td>6/1/2019</td>
<td>12/31/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### IPMR Cost Data

**Effort**
- A-Wing

**Reporting Period (Start)**
- 6/30/2011

**Reporting Period (End)**
- 6/30/2011

**Field(s)**
- BAC, EAC, etc

**Issue 3,000 character limit**

Fill out the information with details describing the data issue and hit **Submit**
The **Contract Effort IPMR Cost Data** view shows a grid view of limited Level 1 cost metrics delivered by effort based on the selection above.
The level 1 data this view provides is extensive, but selecting **Export** will provide an Excel Export. **Show Search Criteria** reveals the search box which allows you to generate the table again under any changes made.

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Contract Number</th>
<th>Effort Number</th>
<th>Reporting Contractor Name</th>
<th>Contract Task Name</th>
<th>Effective Date</th>
<th>Start Date</th>
<th>Completion Date</th>
<th>Estimated Completion Date</th>
<th>Original Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Death Star Program (Testing Purposes)</td>
<td>N0000-00-0001</td>
<td>7</td>
<td>Rambo Systems</td>
<td>AT-AT</td>
<td>5/31/2021</td>
<td>1/1/2021</td>
<td>12/31/2021</td>
<td>2/28/2021</td>
<td>1.8</td>
</tr>
</tbody>
</table>
View level 1 contributing contract performance data provided by two different options:

- Generate a report based on selected date criteria
- Select a report from the list of snapshots

Note: Snapshot Reports are created by OSD for specific meetings. There may be nothing available here for download.
**Reports & Metrics**

**Level 1 Portfolio**

**January 2021**

<table>
<thead>
<tr>
<th>Service</th>
<th>Program Name</th>
<th>Contract</th>
<th>Effort Name</th>
<th>Reporting Contractor Name</th>
<th>Reporting Division Name</th>
<th>Submission Id</th>
<th>Report From</th>
<th>Report To (Effective Date)</th>
<th>Contract Type (File)</th>
<th>Effort Name (File)</th>
<th>Program Phase</th>
<th>Start Date</th>
<th>Definitization Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOD</td>
<td>Death Star Program (Testing Purposes)</td>
<td>N0000-00-0001</td>
<td>AT-AT</td>
<td>Rambo Systems</td>
<td>Awesome Weapon Development</td>
<td>16879</td>
<td>5/1/2021</td>
<td>5/31/2021</td>
<td>CPFF</td>
<td>VCS Development</td>
<td>Development</td>
<td>1/1/2021</td>
<td>1/1/2021</td>
</tr>
</tbody>
</table>

Like previous level 1 data reports, there is an option to export results to an Excel spreadsheet.