CADE Newsletter

August 2020

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Welcome!

Since our inaugural issue in April of this year, the Cost Community and the CADE Team have continued to collaborate on new features, training courses, and DoD policies. As always, the Cost Data Support Group (CDSG) remains dedicated to delivering top-notch support to our government and industry stakeholders during all planning, validation and compliance activities while providing a comprehensive database of resources to support the Department's rigorous analytical activities.

In this issue, we will highlight how we worked to improve the speed of the bulk download exports and organization of the Program Data Availability page within the Data & Analytics application. We'll spotlight the release of the new CADE 201 On-Demand course and virtual training sessions as well as provide information on the plan for the Virtual Cost and Technical Focus Group in October. We will also update you on CAPE's guidance on cost reporting during COVID-19.

We are excited to share these new features and training opportunities with you and look forward to hearing your feedback!

- THE CADE TEAM

CADE Operations Highlighted in Inside Defense

Source: insidedefense.com, June 9, 2020

"Pentagon cost analysis continues 'without missing a beat' amid COVID-19"

https://insidedefense.com/daily-news/pentagon-cost-analysis-continues-without-missing-beat-amid-covid-19
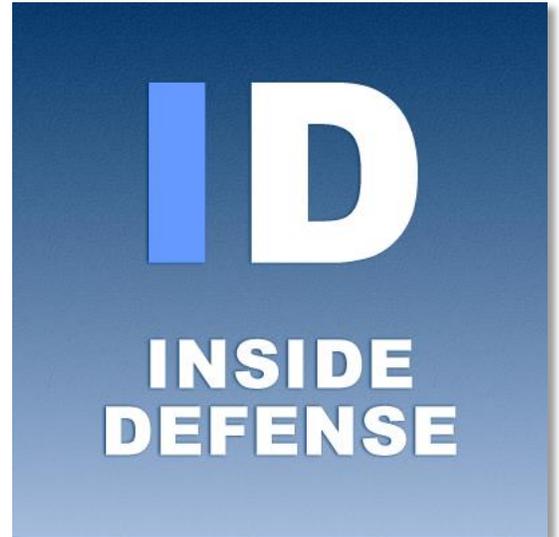
"The ongoing COVID-19 pandemic has demonstrated the collective wisdom and foresight of the entire DOD cost analysis community to efficiently accomplish this mission,' acting CAPE Director, Dr. Yisroel Brumer wrote in an annual report.

"The Pentagon's community of roughly 2,000 cost assessors have been greatly aided, Dr. Brumer said, by the decade-long effort to successfully establish a central database – the Cost Assessment Data Enterprise, or CADE.

"'Remarkably, CADE has enabled the DOD cost community to continue the preparation of cost estimates during the COVID-19 pandemic without missing a beat -- as of mid-March 2020, about 90% of the cost community continued to produce cost estimates in a mobile work environment -- through teleworking,' Dr. Brumer wrote. 'This is largely enabled by the secure, high quality, authoritative, network-enabled data sources provided by the CADE system.'"

Dr. Brumer says DOD's cost assessment community wants to "extend this success" by developing a new operations and support cost systems, which is expected to be developed incrementally over the next five years.

"In an environment of growing threats, competing priorities, and fiscal pressures, the Department of Defense (DOD) must spend DOD resources on the right things, in the right amounts, at the right time," Dr. Brumer wrote.

What's New

The CADE Team works to provide enhancements and bug fixes in six to eight week cycles. We operate in an agile state where we are continually planning, designing, documenting and testing new features, and thus, rely on all users to provide feedback on system operations and new features. Over the last two cycles, we improved the organization of the Program Data Availability page within the Data & Analytics application by separating the FlexFile and Quantity files and making sure only files that were submitted via the CSDR-Submit Review (CSDR-SR) application are displayed and do not include expected files. This ensures analysts are getting the most accurate representation of data available for download per program within the Data & Analytics application. We also improved the speed of bulk download exports and added functionality for CSDR Reviewers in editing and deleting files in the CSDR- Submit Review application.

Listed below are new features that have been implemented over the past few months. All previous and future CADE releases are posted in the portal.

20.4 Release – July 2020

- Data & Analytics - Technical & SRDR Data displayed on Submission Detail Page

20.4 Release – July 2020 (cont.)

- Data & Analytics - Program Data Availability or Program Dashboard Reflecting Actual Submitted Files Checkmarks now represent files that have actually been submitted rather than expected files.

Contract Number	Phase	Prime Contractor	Direct-Reporting Sub Data Available?		Service	CSDR Tasks	
123456	TD	Rambo Systems			AIR FORCE	1	+
123-4567-89	TD	Aerojet Company			AIR FORCE	1	+
N0000-00-0002	LRIP/PROD	Rambo Systems	Multiple		AIR FORCE	8	−

⬇ Download All CSDRs

Down-load	Contract Task	Contractor	Prime/ Sub	First Submission	Last Submission	1921	1921-1	1921-2	1921-5	1921-FF	1921-Q	SRDR	CWBS Dictionary	
	MQ-1C, LRIP Communications and Ground Segment Hardware, LRIP 2	Rambo Systems	Prime											+
⬇	F-35,LRIP Airframe (Center Fuselaege) Israel Development		Sub	12/13/2017	6/18/2020	✔	✔		✔	✔		✔		−

CSDR Data Submissions

☑ See only Accepted CSDR Submissions

Browse/ Export	Down-load	Submission Event Name	Expected Submission Date	Actual Submission Date	As Of Date	1921	1921-1	1921-2	1921-5	1921-FF	1921-Q	SRDR	CWBS Dictionary
🔍	⬇	Final Review	3/31/2010	12/13/2017	12/13/2017	✔	✔						
🔍	⬇	Delivery Order #SD03 - Contractor Logistics Suppor	3/2/2017	11/6/2019	11/6/2019	✔	✔		✔				
🔍	⬇	Julie's Test	9/30/2012	5/5/2020	5/20/2020					✔		✔	
🔍	⬇	James	7/11/2014	6/18/2020	6/30/2020					✔			✔

20.3 Release – June 2020

- FlexFile & Quantity Data Added to Program Dashboard

CSDR Data by Contract

Contract Number	Phase	Prime Contractor	Direct-Reporting Sub Data Available?		Service	CSDR Tasks
FA8614-06-D-2006	PROD	The Boeing Company	Multiple		AIR FORCE	4

⬇ Download All CSDRs

Down-load	Contract Task	Contractor	Prime/ Sub	First Submission	Last Submission	1921	1921-1	1921-2	1921-5	1921-FF	1921-Q	SRDR	CWBS Dictiona
⬇	C-17A GLOBEMASTER III FRP FY07-10 FY12	The Boeing Company	Prime	1/27/2010	11/1/2017	✔	✔			✔	✔	✔	✔

NEW COLUMNS

CSDR Data Submissions

☑ See only Accepted CSDR Submissions

| Browse/ Export	Down-load	Submission Event Name	Expected Submission Date	Actual Submission Date	As Of Date	1921	1921-1	1921-2	1921-5	1921-FF	1921-Q	SRDR	CW Dic
🔍	⬇	Contract Award		1/27/2010	1/15/2010								
🔍	⬇	FMS Australia (4 aircraft) **FlexFile/Q submission!**		1/27/2010	2/26/2009					✔	✔		
🔍	⬇	(+10 Aircraft)		1/16/2011	3/25/2010	✔	✔						

20.3 Release – June 2020 (cont.)
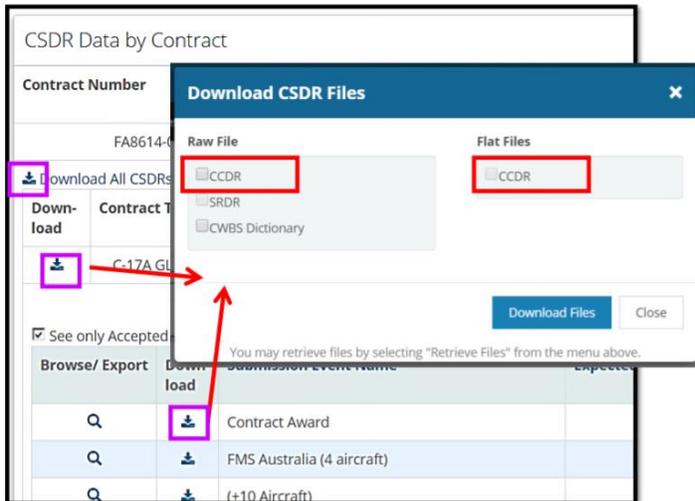
- FlexFiles and Q files should now be included in all three download places (purple boxes, see left).

- For the two download commands that open the dialog box, FF/Q files are part of the CCDR bucket for both raw files and flat files.

  "Flat File" choice means the individual flat export available via the "Export to Excel" button on the Report Data popup. This currently operates correctly for FlexFiles in the rest of D&A.

- This download includes **Submitted** AND **Admin** files
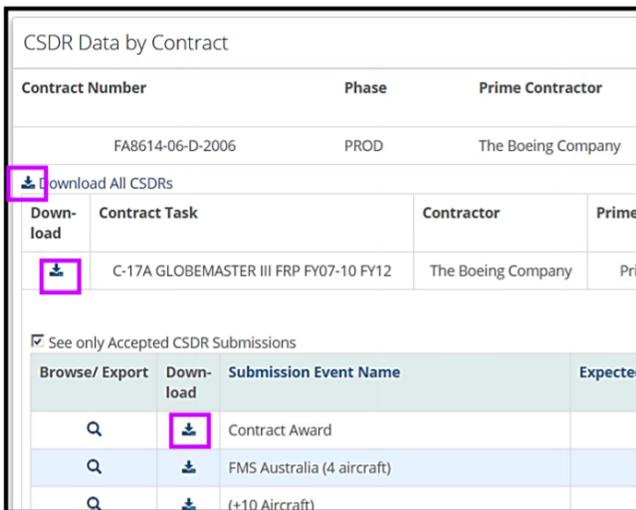
- FF/Q files should download in the **existing folder structure** for these downloads

  NOTE: FF/Q files will go in **CCDR** folder
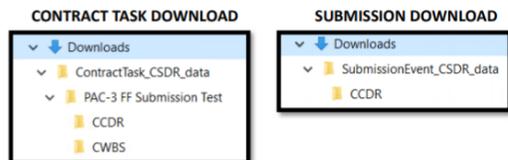
- As they do now, raw files should download in their original format (JSON, Excel, etc)

  (This download does NOT include some sort of conversion or export file)

20.3 Release – June 2020 (cont.)

- CSDR Reviewers can Edit/Delete Files

20.1-20.2 Release – April 2020

- CSDR Browse Quick Report Export

Analyst can get the Quick CSDR export from CSDR Browse when the Additional Data (Functional Cost-Hour and/or Progress Curve) are not selected. Name your report > select export > go to retrieve files > download

20.1-20.2 Release – April 2020 (cont.)

- Post-Contract Award Conference (PAC) Tracking

- Program Request from the Portal

- Government Analyst Access to Approved Plans

Government analyst and DCARC analyst now have access to approved plans on a single page. This feature can be added by going to CSDR-SR and selecting Search Approved Plans from the Search dropdown menu

- This functionality is the same functionality that exists currently in the CSDR-SR Admin section, the *Approved Plans List*
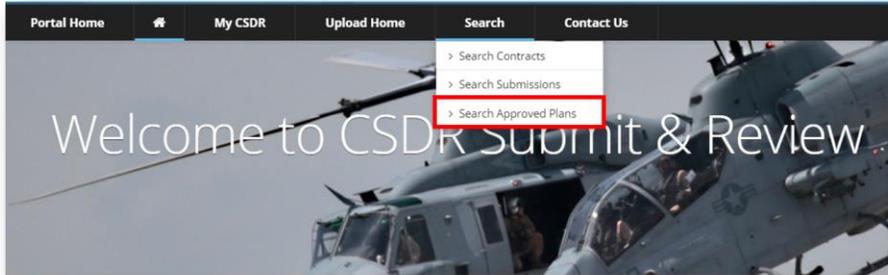
- Analyst can use the metadata filters to narrow their search
- The plans can be downloaded and searched here; Analyst can download PDF, Excel and XML versions of the plan
- Plans will be displayed on this list once they plan is Approved and pushed to the SR by the DCARC Analyst

Coming Soon!

CADE Endorsed Datasets, Tools & Models Hub (DTMHub)

Additionally, we began development work on the Endorsed Datasets, Tools & Models Hub (DTMHub) to enhance collaboration & sharing within the Cost Community as well as bring more data to the fingertips of all government users. CADE will be implementing this new feature to allow users to access endorsed analytical tools, datasets, models and resources that have been developed by analysts across the DoD. The DTMHub is being developed in two increments. Increment 1 will focus on the administrative functions and allow Endorsed Organization and POCs to be added to the application and gives them the ability to upload tools, datasets and models their organization has endorsed. This capability was rolled out in July 2020 and the first round of functional user training and testing is in progress. Increment 2 will focus on redesigning the Data & Analytics landing page to allow analysts to search, view and download endorsed data items available in the DTMHub. The CADE team is actively working with Service Cost Center Directors and Agency leads to identify cost organizations and encourage participation. Please contact the CADE Helpdesk at CADESupport@Tecolote.com or (253) 564-1979 Ex. 2 for more information.

CADE Submitter Webinar via Zoom

The CADE Team will begin hosting webinar sessions via Zoom to support CADE industry submitters with the data upload and validation process beginning this fall. The webinar will demonstrate how to use the CSDR Planning and Execution (cPet) tool in order to create FlexFile templates, validate legacy files, and convert to XML and JSON files.

In order to prepare for the webinar, helpful links for Submitters in CADE are located here: https://cade.osd.mil/support/guides-videos

- CSDR-SR Submitter Guide (targets how to submit Legacy reports)
- cPet User Guide (how to validate and convert reports)
- CSDR-SR FlexFile Industry Preparer Guide (cPetDesktop)

We expect to have a CADE Zoom webinar once every two weeks focused on a different topic. Sign-up and reminder emails will be sent out prior to each session.

OSD CAPE Cost and Technical Virtual Focus Group

October 21-22, 2020

Registration: Here is link for all Training Events and Focus Groups:

https://cade.osd.mil/support/events

Read-ahead Material: Material, comprising the most current Implementation Guides and Briefs for FlexFiles and all other initiatives, can be found here: https://cade.osd.mil/policy

The Purpose of this 2-Day Virtual Focus Group is to promote discussion amongst key individuals within the community in order to gain insight into their views and experiences related to the OSD CAPE Initiatives. CAPE would like to draw upon participants' experiences and reactions in a way that would not be feasible using other methods. This two-day event will provide updates on the FlexFile initiative, policy updates, IT applications, as well as COVID-19 cost reporting implications. There will be a series of Industry and Government panels to address specific topics and concerns across the community. Following each panel, there will be a community feedback forum to collectively discuss and collaborate in order to formulate solutions and mitigation approaches for the aforementioned concerns. Broad participation is encouraged from both Government and Industry, across the cost and systems engineering communities.

Plan for lots of dialogue!

We look forward to seeing you and having a candid discussion.

DoD Policy & Guidance

CAPE COVID-19 Data Collection memo (5/28/2020)

The global pandemic is having an undeniable impact on society as a whole and the defense industrial base in particular, with disruptions to the workforce, production facilities, and the supply chain. As mission-essential programs and their industry partners do their utmost to deliver needed capability to the warfighter, it is crucial that we understand COVID-19 effects on program cost, schedule, and performance, and capture them in real time to support future analysis and decision-making.

To this end, OSD CAPE has issued a memorandum in coordination with the Acquisition community to provide "COVID-19 Cost and Performance Data Collection Guidance." Highlights include:

- Government and Industry work together to develop approach to capturing COVID-19 effects

- Effects should be discernible from non-COVID-19 factors to the maximum extent practicable

- Effects should be included and documented in CSDR and IPMDAR deliverables

- Neither contract changes nor allowability of costs implied

Government and Industry alike are encouraged to participate in the CIPT in June and CADE Focus Group in October to help shape approaches. Registration will be available at https://cade.osd.mil/support/events. Other COVID-19 guidance can be found on the DPC website.

DoD Cost Estimating Guide Update

The DoD Cost Estimating (DoDCE) Guide was collaboratively written by CAPE and a host of other DoD stakeholders to provide an overview of cost estimating processes and introduce topics and concepts that are important for every DoD cost estimator to understand. Resources for detailed theory and explanation, mathematical mechanics, and training opportunities are referenced in the guide to assist new and seasoned analysts with their projects and analyses.

The DoD CEGuide DRAFT v1.0_June 2020 is available only to government CADE users.

CADE Training

CADE Regional Training 2020

As noted above, all CADE Regional Training events originally scheduled for spring 2020 have already been rescheduled for the summer and fall. In order to operate within the CDC Social Distancing and DoD Travel Restrictions, we will be moving these trainings to solely virtual offerings. These sessions are geared specifically for the respective Service Cost Centers, SYSCOMs, and PEOs Government and Support contractors using real examples and applicable programs. CADE 101 presented a CSDR overview. FlexFile 101 introduced the Fundamentals of FlexFile. CADE 201 covers CSDR Planning, CSDR Implementation, FlexFile Insights & Updates and demonstrates how to leverage CADE to compare the new formats (FlexFile) to existing data (CADE 101). ***This is not a repeat*** of last year's class. As always, you can access On-Demand Course Offerings and the latest TRAINING CALENDAR from the MY LEARNING page within your Bridge account (https://cade.bridgeapp.com) and enroll directly in classes there. If you have any questions, please contact CADE Training Team Lead Mr. Torri Preston, Torri.R.Preston.CTR@mail.mil.

Bridge LMS Highlights

While recommended programs and courses will always show up directly under MY LEARNING in Bridge, we have made recent improvements to the LEARNING LIBRARY to make it easier to find the content you need! At the top of the screen, you will find ALL FULL PROGRAMS. In particular, our new Non-ACAT I CSDR Training course that will be available on Bridge along with *CADE for Analysts 101* is recommended for Government; *CADE for Submitters* for Industry; and *FlexFile 101* for both. Below is a description of new courses available On-Demand.

CADE for Analyst 201

CADE 201 builds on the foundation set in CADE 101 outlining the basics on CSDR forms and DCARC processes. This course goes more in-depth in showing the use of the latest DD Form 2794 to plan effectively for not just FlexFiles, but the full suite of CSDR data. It covers how to use the Resource Distribution Table (RDT) to get the "big picture" for CSDR data, learning the mechanisms to flow down reporting requirements to subcontractors and government entities alike as well as the importance of utilizing the Post-Award Conference (PAC) to establish consensus up front and ensure that subsequent CSDR submissions are validated quickly and painlessly. The course also covers searching for data using CSDR Browse in the Data & Analytics application.

Non-ACAT I CSDR Training for Air Force Users

The Air Force Cost and Resource Center (AFCARC) analysts compiled feedback from Cost Working-group Integrated Product Team (CWIPT) meetings and on-site program office visits into an online training course for the management of Non-ACAT I programs. This course is designed to provide Air Force analysts with an overview of the planning and validation processes specific to Non-ACAT I programs as well as arm them with the resources needed to be engaged and informed CWIPT members. Topics covered include CSDR policy, approval authorities, roles and responsibilities of the CWIPT, Air Force planning and validation processes and required reporting forms.

Frequently Asked Questions

Q: How do I request to have a new program added to CADE?

A: All government analysts now have the ability to request a new program be created in CADE. Before requesting a new program be created, please first search by the DAMIR approved name of the program (or formal program name) as well as check with your DCARC analyst. If you are unsure of who to contact with the DCARC, please contact the CADE Support Help Desk for assistance.

Q: Where do I start looking for information on a program?

A: An analyst might want to start with CSDR Browse which is an application within Data & Analytics that allows for dynamic filtering and multiple export options. CSDR Browse includes bulk data export in a single flat file for CCDR reports, bulk data export of contractor submitted files for all file types, and metadata exports for all submissions events and CCDR Reports. Below are different scenarios relating to finding data in CSDR Browse:

QA1: How can I bulk export data for final cost reports for production contracts for a specific program?

A: An analyst can enter Data & Analytics and select the CSDR Browse application. The analyst can select the program they are looking for and select the phase production. Within CSDR Browse there are additional filters the analyst can select for a specific phase of a program. Once those selections are made the analyst has to select the CCDR Tab and select Bulk Data Export. This will allow the analyst to get all the final CCDR reports for a production contract for a program in a single flattened export that is ready for analysis.

QA2: Where can I find the new SRDR (SRDR Dev, SRDR Mx, and SRDR ERP) formats that are Finalized-Accepted and the corresponding plan?

A: An analyst can enter Data & Analytics and select the CSDR Browse application. The analyst can select report type SRDR Dev, SRDR Mx, or SRDR ERP to see all the new SRDR formats that are Finalized-Accepted. Once the analyst selects a submission event they are able to download the plan associated with the submission event.

Frequently Asked Questions (cont.)

QA3: Where can I download all the historical and current data for a particular Service, e.g., Air Force?

A: An analyst can enter Data & Analytics and select the CSDR Browse application. The analyst can select the specific Service, e.g., Air Force then select Download Files and the files will immediately be ready for download in the retrieve files queue.

QA4: Why do I get different results when searching between DACMIS and CSDR Browse?

A: When you have immediate needs and find metadata inconsistencies are impairing your search, then please contact the CADE helpdesk for specific search assistance. We are aware of instances of inconsistency and are working on solutions. As such, we are interested in receiving specific observed inconsistencies (e.g. via screen capture) of addressable metadata issues. The inconsistencies between DACIMS and CSDR Browse are due primarily to the application of different metadata schema that has led to different results on similar queries on both applications. CSDR Browse is the successor tool to DACIMS for analyst to search, query, and download data. Our long term goal is to sunset DACIMS and the focus has been on creating an application with a more dynamic search engine and metadata tagging approach that allows us to associate CSDR data to multiple metadata criterion vs binning into a single metadata criteria, as it's done within DACIMS. Applying a commodity tag is a good example. In DACIMS data is binned into a single commodity. However, in CSDR Browse the data can be tagged to multiple commodities. This ensures that the data is fully represented and accessible to an analyst when executing a search. CADE is actively focused on improving the quality of the metadata to ensure analyst are able to quickly and efficiently find the data records they are looking for.

Q: Why do I need an NDA?

A: All support contractors that will be acting on behalf of the government and participating in the CSDR planning and validation process must provide a Non-Disclosure Agreement (NDA) before being granted any access to data within the system. Company-to-company NDAs are required before being granted a CSDR Reviewer role for any industry-submitted data within the system. If you will be providing support by creating or reviewing CSDR plans in the Program Planning Module, an NDA or MOA document signed by the government program office you are supporting is required. Please contact the CADE Support Help Desk for any questions regarding obtaining or submitting NDAs.

Contact Us

CADE Support

(253) 564-1979 Ex. 2

CADESupport@Tecolote.com

https://cade.osd.mil/