

Cost Assessment Data Enterprise (CADE) Project

CADE Vision Update for ICEAA August 2014

Bess Dopkeen
bess.r.dopkeen.civ@mail.mil
Last Updated: August 25, 2014

CAPE
COST ASSESSMENT & PROGRAM EVALUATION

Agenda

- **Objectives**
- **Comprehensiveness & Vision**
- **History – Analysis Evolution**
- **Today's Process**
- **Vision – Total Analyst Access**
- **Inc 1.5 (Today – released end of May 2014) & Incs 2-4**
- **Community Integration**
- **Government-Industry Cooperation Opportunities**
- **Current Collaboration & Government CSDR Evolution**
- **Long Term Plan (DRAFT)**



CADE Objectives/KPPs

OSD CAPE

Improve Analyst Productivity

- Increase output per unit time
- Provide near real-time access to data, more data, and less burden on the analyst to retrieve and process
- Reduce time for analyst to climb the program familiarization learning curve

Effectiveness

- Enable more comprehensive assessments
- Gain insight from previous analysts
- Facilitate telling the program's "story", holistic analysis

Data Quality and Reporting Compliance Improvement

- Includes all the Department's cost data - both EVM and CSDRs

Comprehensiveness

- Having all information at the analyst's fingertips – a centralized virtual library

Source Data Transparency



Comprehensiveness & Our Vision

OSD CAPE

Comprehensive Data Availability:

Having all information at the analyst's fingertips – a centralized virtual library with everything in it

- Cost Data (CSDRs/1921s): contains all an analyst needs to build an estimate
 - Need to consider what data is needed at all times: AoAs, MS As, MS Bs, MS Cs, FRPs, Sustainment decisions, MYPs, etc
- CARDS: contains all programmatic and technical descriptions an analyst needs to build an estimate
- Capturing Institutional Knowledge: what analysts need to know about the data
 - Harnessing knowledge of the entire community

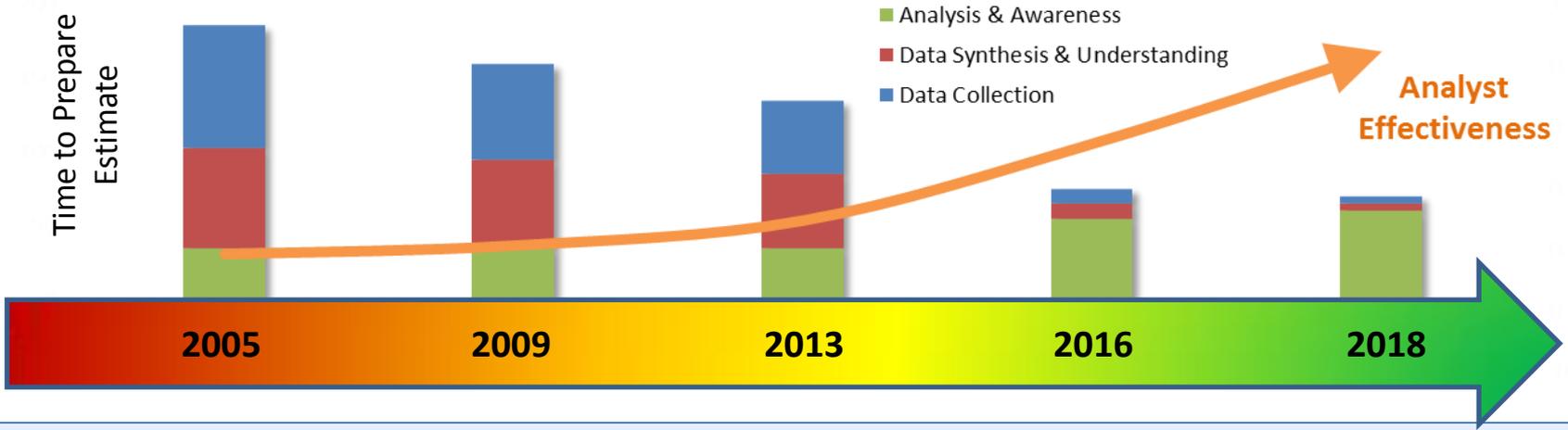
Our Vision for CADE and CSDRs (1921s):

Cost analysts will have all of this data and institutional knowledge at their fingertips. It will be the exception – not the rule – that we have to go back to industry to do our estimates.

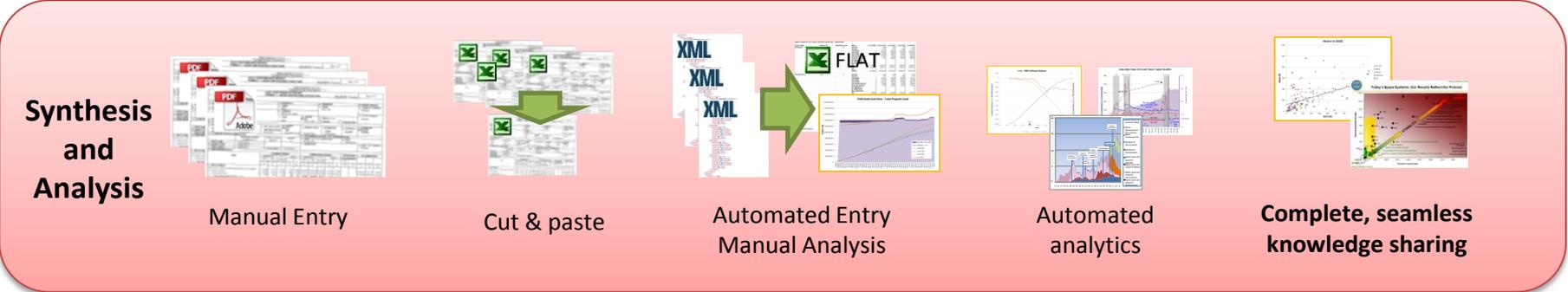


Analysis Evolution

OSD CAPE



- Data Sources**
- Program Office
 - DACIMS
 - SARs
 - DAES
 - Contractors
 - Service O&S
 - Data Libraries
 - Colleagues Network
 - **EVM-CR**
 - DACIMS
 - **DAMIR**
 - Contractors
 - Service O&S
 - Data Libraries
 - **EVM Visual Display**
 - **DCARC Bulk Download**
 - DAMIR
 - Contractors
 - Service O&S
 - Data Libraries
 - **CADE Total Access**
 - Service O&S
 - Data Libraries
 - **CADE Vision**

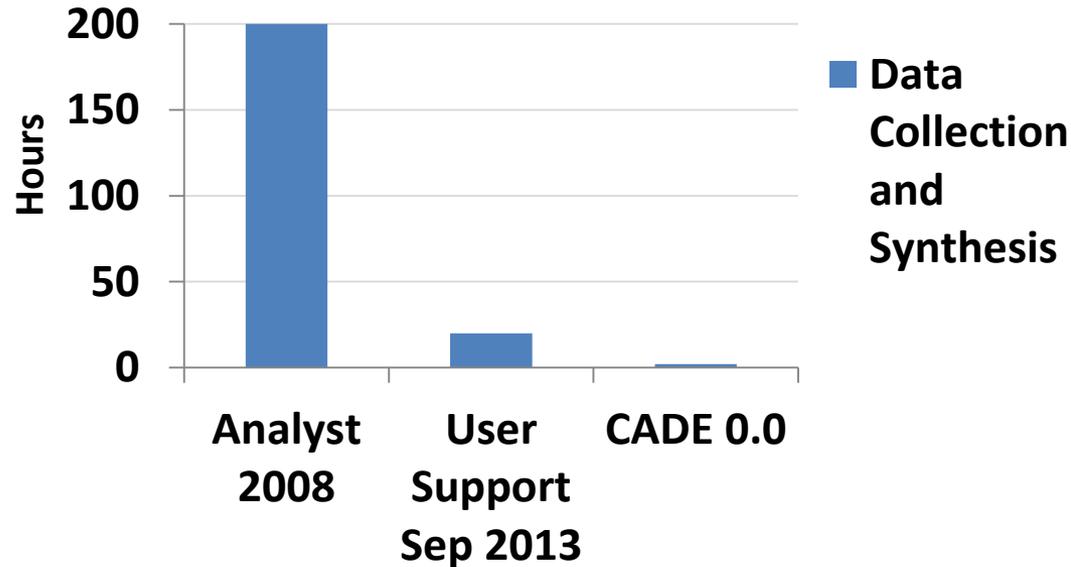




Today's Process

OSD CAPE

Time for CPR Data Collection and Syntheses



Analyst in 2008:

200 hours, typing in by hand selected data over time

User Support Sep 2013:

20 hours to bulk download and format ~40 contracts

CADE 0.0:

Retrieve data from 40 contracts over time within 2hrs

CADE Vision of the Future: Total Analyst Access

OSD CAPE

Seamless integration
of authoritative data sources



Knowledge Portal

DCARC
CAPE

CADE Total Access

DCARC HOME
BROWSE PROGRAMS
DASHBOARD
TOOLS
SOURCE DATA
CONTACT US

USS Voyager
 USS Vincent
 USS Vantage

Search

Build Portfolio

Choose Portfolio: RDT&E Contracts

or

Program: OFF
Task: OFF
Level: OFF

Metric: EAC % Complete

Toggle

Contract #1

Contract #2

Contract #3

Contract #4

Contract #5

Contract #6

Contract #7

Contract #8

Contract #9

Contract #10

Portfolio Analysis

Select View: Save View:

Collapse Widgets >

USS Voyager

Program View in DAMIR

RDT&E: \$14,268M

Procurement: \$7,628M

Units: 2

Milestones

Program Milestones from DAMIR

Milestone	APB Obj.	APB Thres.	Current
Concept Dem...	Jul. 2012	Dec. 2012	Apr. 2013
MS II/B	Feb. 2014	May 2013	May 2013

[View More](#)

Key Program Events

Key Events list maintained by Community

- Mar. 2013 - LM closes LA ops
- Oct. 2012 - Dev. APB #3
- Sept. 2012 - New PM
- Jun. 2011 - First Flight

[View More](#) [Add New](#)

CADE Community Knowledge

4 Analysts have been assigned to this program.

- BDopkeen shared a [PowerPoint](#).
- KHazel posted a [link](#).
- BDopkeen posted a [note](#).
- ELogren shared an [Excel Document](#).

[View More](#) [Add New](#)

CCRL Search

[Open CCRL website in a new tab](#)

The Collaborative Cost Research Library is an on document library that contains over 16,000 cost research files contributed by the services and contractors. Search among these documents here

[View More](#)

External Links

- [Opens website in new tab](#)
- [Defense Cost and Resource Center \(DCARC\)](#)
- [Data Warehouse](#)
- [DAMIR \(AT&L\)](#)



CADE Increment 0

OSD CAPE

Knowledge Portal | DCARC CAPE | CPR, IMS, O&S, and SRDR VATs | CADE Total Access

DCARC HOME | SELECT PROGRAMS | DASHBOARD | RETRIEVE FILES | TOOLS | [Help](#)

VD Test User | [Log Out](#)

My Programs

Program	EVM Contract Tasks	CCDR Contracts	DAMIR Program Schedule
Program 1	✓	✓	✓

Contract Task	# Periods	Last Available	Last Refreshed
Task 1	15	3/31/2010	1/27/2012

Performance Over Time | Element Performance Comparison

Primary Y Axis: Metric: Cumulative, Scale: \$

Secondary Y Axis: Metric: Off

Export Data | Zoom In | Standard Views

SV, CV, SPI, CPI, TCPI, % Complete, MR, UB

Filter Data: Reporting Level: Summary, Element: SubTotal (PMB), X-Axis: Month

Start: 1/31/2009, End: 3/31/2010, Set Decimals: 0

Key Events: Add Event

EVM CPR Views

Custom Views

Standard Views

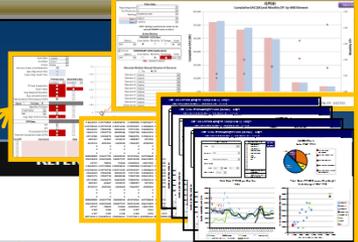
EVM CPR Data

CCDR Contract Data

Program Milestones

Download O & S Tools

Search for and add programs to list of favorite programs



Navigate to other programs via "My Programs" tool bar

Export data being viewed

Navigate to other data sources for the selected program

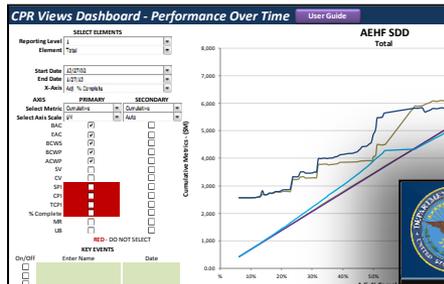
CPR Visual Analysis via Custom and Standard Views within Dashboard

Link to download Navy and Air Force O&S Visual Analysis Tools

Demonstration

Increment 1.0 – New Functionality

UNCLASSIFIED



Saved View

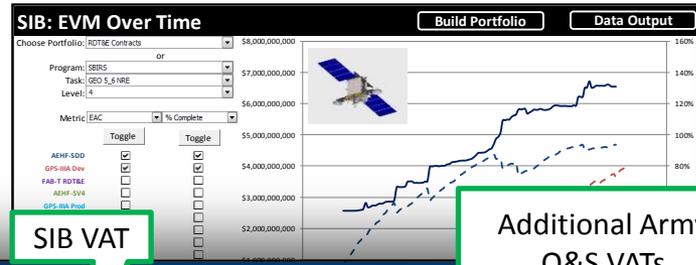
Saving a View stores the current options selected on the graph and stores them. Once saved, this view may be used for any contract task in the future.

Give your Saved View a name:

Check to share View in CADE Community Knowledge

SAVE

Save View templates



SIB VAT

Additional Army O&S VATs (Tactical, Electronics)

Ability to export data into corresponding CPR VAT format

Comment on your own post; remove flags or remove thread

Add New Knowledge

Post a Note:

Add Text:

Post information pertaining to your program.

Post

Upload a File:

Successfully uploaded "Indep. EAC Work"

Enter File Type:

Excel Document

Add File Description:

Workbook containing calculations for the most recent Independent...

Post

Flag posts to alter owner to potential information issues

Knowledge Portal DCARC CAPE

DCARC HOME ADMIN SEARCH PROGRAMS DASHBOARD RETRIEVE FILES **TOOLS** REFERENCES CONTACT US

Death Star Prog... Program-Level **EVM** CSDR **O & S**

Show only Contracts with data available

Contract Number	Contract Task	# Periods	Last Available	Last Refreshed
FAB625-11-C-6600	KC-46 Directorate	32	12/19/2013	1/24/2014

Select View: Save View:

USS Voyager

Export Data Zoom In

Primary Y Axis: Metric: Cumulative Scale: \$M

BAC
 EAC
 BCWS
 BCWP
 ACWP
 SV
 CV
 SPI
 CPI
 TCPI
 % Complete
 MR
 UB

Table Formatting: Format Title: USS Voyager

Primary Y-Axis Label: Secondary Y-Axis Label: X-Axis Label: Legend Location: Overlay Bottom Right

Milestones

Milestone	Baseline	Threshold	Current
Milestone A	Jan. 2004	Sept. 2004	Mar. 2004

Key Program Events

- 3/27/2013 - LM closes LA ops.
- 10/18/2012 - Dev APB #3
- 9/3/2012 - New PM
- 6/30/2011 - First Flight

CADE Community Knowledge

4 Analysts have been assigned to this program.

- BDopkeen shared a PowerPoint.
- KHazel posted a link.
- BDopkeen posted "O&S cost responsibility is handled under the Logistics Directorate..."

CCRL Search

7 references pertain to USS Voyager.

- "Voyager Technical Documentation"
- "Briefing to Under Secretary for..."
- "CER for Voyager Development"...
- >LHubbard: "Great CER w/ data visibility..."

External Links

- Defense Cost and Resource Center (DCARC)
- Data Warehouse
- DAMIR (AT&L)

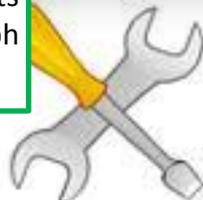
Plot how key event dates have evolved over time; flag and comment key events

Post program info, links, notes, and documents

Search CCRL references

Cost Schedule Risk and Uncertainty Handbook

Functionality change requests and updates; customize graph format and labels.



A Post Has Been Flagged!

One or more of your posts has been flagged.

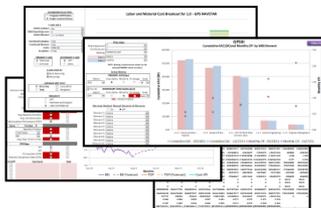
Please review your posting(s):

- Death Star Key Event: Jan. 14, 2013
- USS Voyager Community Knowledge: Jan. 3, 2013

UNCLASSIFIED

Increment 1.5 Vision

CPR, IMS, CCDR and SRDR VATs



EVM Contract Efforts							
Task Name	First Report	Last Report	Most Recent EAC (\$M)	Electronic CPR	Local/PDF CPR	Native DWS	CSRS
Task 1	4/19/2010	1/16/2011		X	X	X	X
Task 2	5/13/2010	5/13/2010		X	X	X	X
Task 3				X	X	X	X

CSDR Contract Plans							
Plan Name	First Submission	Last Submission	# of Submission Events	1921-1	1921-2	SRDR	
19-01-C1-01(K2)	3/16/2010	3/16/2010	1	✓	✓	X	X

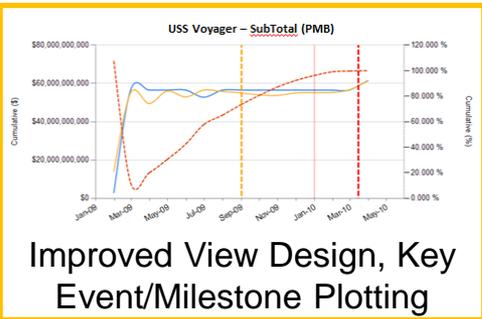
* Only displays post-2008 CSDRs. For access to all CSDRs, navigate to the OASDHS Library from the CCDE Portal

Data Availability



CCDR Improvements

Enhanced Program Search



Improved View Design, Key Event/Milestone Plotting

Month	CWBS Dictionary		CCDR (1921-1, 1921-2)		SRDR	
	%	#	%	#	%	#
Feb-14	85%	11/13	86%	19/22	86%	6/7
Jan-14	88%	7/8	95%	19/20	67%	6/9
Dec-13	90%	9/10	94%	15/16	100%	5/5
Nov-13	90%	9/10	100%	15/15	80%	4/5
Oct-13	81%	13/16	88%	23/26	60%	5/10
						3/4
						4/4
						6/8
						6/8
						4/5
						4/4
Mar-13	92%	11/12	95%	19/20	89%	9/9
Total	89%	118/132	94%	220/235	79%	62/78

Contractor Compliance Report Card

CADE Public Website



Search Public Web Sites

- CADE** Public site, About CADE
- DCARC** DACIMS, Policy, Info
- EVM** EVM-CR, Policy, Info

VBS ELEMENT CODE A	VBS REPORTING ELEMENTS B	NUMBER OF UNITS TO DATE	COSTS INCURRED TO DATE (Thousands of U.S. Dollars)		
			PLANNED	ACTUAL	TOTAL
10	Spine System	0.0	\$16,500.0	\$49,000.0	\$465,700.0
11	SESPM and Other Common Elements	0.0	\$25,000.0	\$25,000.0	\$52,500.0
12	Spine Vehicle (L in required)	0.0	\$228,500.0	\$13,000.0	\$228,500.0
12.1	SESPM and Other Common Elements	0.0	\$23,000.0	\$5,000.0	\$48,000.0
12.2	Spine Bus	0.0	\$22,000.0	\$2,000.0	\$24,000.0
12.2.1	Integration, Assembly, Test and Checkout	0.0	\$12,000.0	\$2,000.0	\$14,000.0
12.2.2	Telemetry, Tracking, and Command Subsystem	0.0	\$10,000.0	\$0.0	\$10,000.0
12.3	Communication (Payload)	0.0	\$25,500.0	\$8,000.0	\$62,000.0
12.3.1	Communication	0.0	\$5,500.0	\$0.0	\$15,500.0
12.3.1.1	UHF Antenna Subsystem	0.0	\$5,000.0	\$0.0	\$9,000.0
12.3.1.2	V/UHF Antenna Subsystem	0.0	\$7,500.0	\$0.0	\$7,500.0
12.3.2	Payload	0.0	\$7,000.0	\$8,000.0	\$15,000.0
12.3.2.1	UHF Subsystem	0.0	\$3,000.0	\$0.0	\$3,000.0
12.3.2.2	V/UHF Subsystem	0.0	\$4,000.0	\$8,000.0	\$12,000.0
12.4	Spine Adapter	0.0	\$5,000.0	\$100.0	\$5,100.0
12.5	Spine Vehicle Storage	0.0	\$4,000.0	\$0.0	\$4,000.0
12.6	Launch Systems Integration	0.0	\$0.0	\$2,000.0	\$2,000.0
12.7	Launch Operations & Mission Support	0.0	\$10,000.0	\$2,000.0	\$12,000.0
13	Ground/L in required	0.0	\$109,000.0	\$7,000.0	\$103,000.0
13.1	SESPM and Other Common Elements	0.0	\$20,000.0	\$2,000.0	\$22,000.0
13.2	Ground Central Subsystem	0.0	\$10,000.0	\$0.0	\$10,000.0
13.3	Command and Control Subsystem	0.0	\$14,000.0	\$0.0	\$14,000.0
13.4	Mission Management Subsystem	0.0	\$10,000.0	\$0.0	\$10,000.0
13.5	Data Arch	0.0	\$10,000.0	\$0.0	\$10,000.0
13.6	Mission Da	0.0	\$0.0	\$0.0	\$0.0
13.7	Mission Da	0.0	\$0.0	\$0.0	\$0.0
13.8	Mission In	0.0	\$0.0	\$0.0	\$0.0
13.9	Collection	0.0	\$0.0	\$0.0	\$0.0
14	Launch V/U	1.0	\$2,000.0	\$1,000.0	\$3,000.0
15	User Equipment Test	0.0	\$0.0	\$0.0	\$0.0
16	Sample Element	0.0	\$5,000.0	\$500.0	\$5,500.0

Raw CCDR Access

USS Voyager (DAMIR)

Annual Funding Detail from DAMIR

RDTE(TY\$): 7,446.3M

Procurement(TY\$): 5,944.2M

Units: 6

[View Annual Funding Detail](#)

CPR Visual Display Program-level Data Tables

Scale: \$

80%
60%
40%
20%
0%

Legend: BAC, EAC, BOW, BOWP, ACWP, CV, SV, SP, CR, TCW, I, Complete, H, S

Set Date Range: Start: 2011-1-25, End: 2013-03-29

View 0 Errors

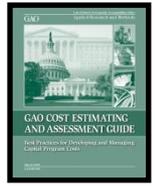
Appropriation	BY2002 \$M		TY \$M	
	SAR Baseline Prod Est	Current APB Production Objective/Threshold	SAR Baseline Prod Est	Current APB Production Objective
RDTSB	5282.8	6469.0	5542.2	7117.8
Procurement	3233.0	5311.1	4744.0	4031.7
Flyaway	2656.0	--	4744.0	3414.4
Recurring	2656.0	--	4744.0	3414.4
Non Recurring	0.0	--	0.0	0.0
Support	0.0	--	0.0	0.0
Other Support	0.0	--	0.0	0.0
Initial Spares	0.0	--	0.0	0.0
MILCON	0.0	0.0	0.0	0.0
Acq O&M	0.0	0.0	0.0	0.0
Total	8515.8	11800.4	11470.9	9573.9

CADE: Help Desk

- Data Retrieval
- Data Quality
- Data Visualization
- Tools
- Widgets
- Community Knowledge / Data Upload
- Suggestions / Feedback

Comment/Question: (Max 1024 chr)

CERs
 $y = ax^b$



Increment 2.0 Vision

CPR, IMS, CCDR and SRDR VATs

Weapon System Contractor Access to Own Data

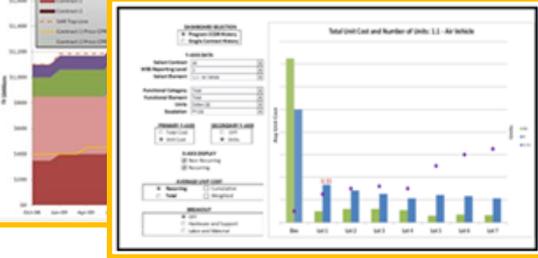


New website/portal design

CPR Visual Display

Program-level Visual Display

CCDR Visual Display



CCDR Data Browse

USDR	USDR	USDR	USDR	USDR	USDR	USDR	USDR	USDR	USDR
BLZSD	CODE	NAME	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE
01	01	Service Support	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
02	02	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
03	03	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
04	04	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
05	05	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
06	06	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
07	07	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
08	08	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
09	09	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
10	10	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
11	11	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
12	12	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
13	13	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
14	14	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
15	15	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
16	16	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
17	17	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
18	18	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
19	19	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00
20	20	DCARC and/or Contractor Services	0.0	400,000.00	120,000.00	480,000.00	120,000.00	480,000.00	120,000.00

UNCLASSIFIED

Contractor Compliance Report Card

On Time Scores *	
Submitted on Time	Submitted Late
Rejected - not re-submitted	Submission in Submitting
Expected this Period ****	Missing
Not Required this period	Not required on this task

New Data Notification

Data Availability

EVM - Task 1		
First Report	Latest Report	# of Repts
4/18/2006	1/31/2014	78

	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14
CPR						
*IPMR Cost	Red	Green	Red	White	White	White
*History Formatted Cost	Green	Green	Green	White	White	White

Enhanced Program Search

EVM Portfolio Visual Analysis

Share Saved Views

USS Voyager
 Program View in DAMIR
 RDT&E: \$14,268M
 Procurement: \$7,628M
 Units: 2

Milestones
 Program Milestones from DAMIR

Milestone	APB Obj.	APB Thres.	Current
Concept Dem...	Jul. 2012	Dec. 2012	Apr. 2013
MS II/B	Feb. 2014	May 2013	May 2013

Key Program Events
 Key Events list maintained by Community
 Mar. 2013 - LM closes LA ops
 Oct. 2012 - Dev. APB #3
 Sept. 2012 - New PM
 Jun. 2011 - First Flight

CADE Community Knowledge
 4 Analysts have been assigned to this program.
 BDopken shared a PowerPoint.
 KHazel posted a link.
 BDopken posted a note.
 Elogreen shared an Excel Document.

CCRL Search
 Open CCRL website in a new tab
 The Collaborative Cost Research Library is an on document library that contains over 16,000 cost research files contributed by the services and service contractors. Search among these documents here.

External Links
 Opens website in new tab
 Defense Cost and Resource Center (DCARC)
 Data Warehouse
 DAMIR (AT&L)

Bulk Download

- Download All CSDR Data
- Download All EVM Data

Continually expanding set of widget capabilities

CERs
 $y = ax^b$

Enhanced CCRL-CADE integration

CADE: Help Desk

- Data Retrieval
- Data Quality
- Data Visualization
- Tools
- Widgets
- Community Knowledge / Data Upload
- Suggestions / Feedback

Comment/Question: (Max 1024 chr)

Post information pertaining to your program.

Attach:

UPLOAD

O & S

V A T S

Increment 3.0 Vision

CPR, IMS, CCDR and SRDR VATs

User Metrics

Contractor Compliance Report Card

Data Availability

EVM - Task 1		First Report	Latest Report	# of Reports																																			
		4/18/2006	1/31/2014	78																																			
<table border="1"> <thead> <tr> <th></th> <th>Sep-14</th> <th>Oct-14</th> <th>Nov-14</th> <th>Dec-14</th> <th>Jan-14</th> <th>Feb-14</th> </tr> </thead> <tbody> <tr> <td>CPR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*IPMR Cost</td> <td>█</td> <td>█</td> <td>█</td> <td>○</td> <td>○</td> <td>○</td> </tr> <tr> <td>*History</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Formatted Cost</td> <td>█</td> <td>█</td> <td>█</td> <td>○</td> <td>○</td> <td>○</td> </tr> </tbody> </table>						Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14	CPR							*IPMR Cost	█	█	█	○	○	○	*History							Formatted Cost	█	█	█	○	○	○
	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14																																	
CPR																																							
*IPMR Cost	█	█	█	○	○	○																																	
*History																																							
Formatted Cost	█	█	█	○	○	○																																	

On Time Scores *	
Submitted on Time	█
Submitted Late	█
Rejected - not re-submitted	█
Submission in Submitting	█
Expected this Period ****	█
Missing	█
Not Required this period	█
Not required on this task	█

Top CADE Users		
Ranking	Cade User	Total Hits
1	phardin	38
2	ccraig	35
3	mmetcalf	34

CADE
New website/
portal design

Bulk Download
Download All CSDR Data
Download All EVM Data

Continually expanding set of widget capabilities

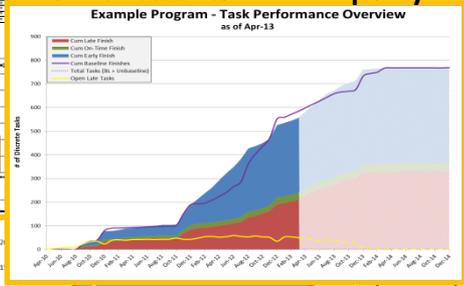
CPR Visual Display

Program-level Visual Display

CCDR Visual Display

Software Visual Display

IMS Visual Display



- CADE: Help Desk**
- Data Retrieval
 - Data Quality
 - Data Visualization
 - Tools
 - Widgets
 - Community Knowledge / Data Upload
 - Suggestions / Feedback

Comment/Question: (Max 1024 chr)

Access AIR documents

CERs
 $y = ax^b$



O & S

V A T S

Increment 4.0 Vision

CPR, IMS, CCDR and SRDR VATs

Data Availability

EVM - Task 1		First Report	Latest Report	# of Reports
		4/18/2006	1/31/2014	78

	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14
CPR						
*IPMR Cost						
*History						
Formatted Cost						

Contractor Compliance Report Card

On Time Scores *

- Submitted on Time
- Submitted Late
- Rejected - not re-submitted
- Submission in Submitting
- Expected this Period ****
- Missing
- Not Required this period
- Not required on this task



Knowledge Portal DCARC CAPE

CADE Total Access

VD Test User Log Out

SEARCH

Build Portfolio

Browse Programs

Service: Active Inactive

Army Navy Air Force

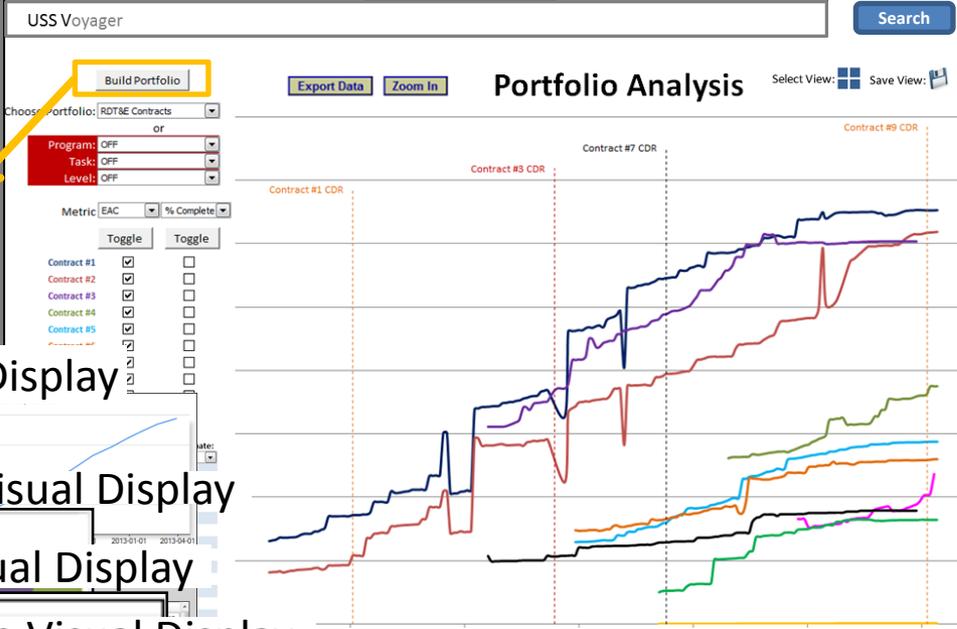
JCA: Net Centric Battlespace Logistics Protection Force Support Force Application

Commodity: Ground Combat Satellite Helicopter Submarine Air Transport Transport Vehicle Aircraft Fighter Aircraft Bomber Aircraft CA Electronic Warfare

Cost Growth: Range: +/- %

% Expanded: Range: +/- %

Total Budget Size: Range: +/- %



USS Voyager

Program View in DAMIR

RDT&E: \$14,268M

Procurement: \$7,628M

Units: 2

Milestones

Milestone	APB Obj.	APB Thres.	Current
Concept Dem.	Jul. 2012	Dec. 2012	Apr. 2013
MS II/B	Feb. 2014	May 2013	May 2013

Key Program Events

- Mar. 2013 - LM closes LA ops
- Oct. 2012 - Dev. APB #3
- Sept. 2012 - New PM
- Jun. 2011 - First Flight

Bulk Download

Download All CSDR Data

Download All EVM Data

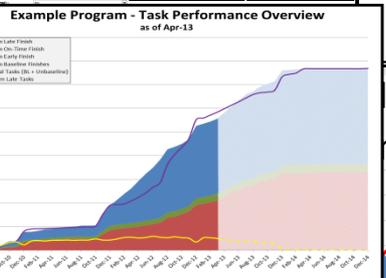
Continually expanding set of widget capabilities

CPR Visual Display

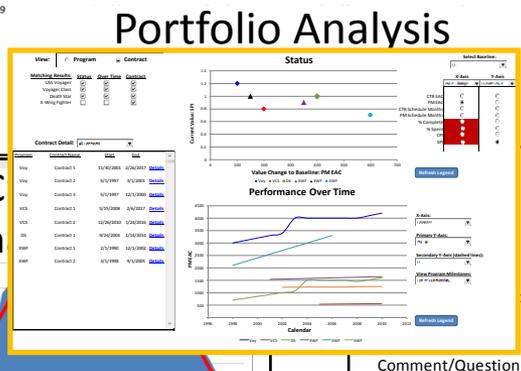
Program-level Visual Display

CCDR Visual Display

Software Visual Display



IMS Visual Display



CADE Community

4 Analysts have been assigned to this program.

- BDopkeen shared a PowerPoint.
- KHazel posted a link.
- BDopkeen posted a note.
- Elofgren shared an Excel Document.

CCRL Search

Open CCRL website in a new tab

The Collaborative Cost Research Library is an online document library that contains over 16,000 cost research files contributed by the services and contractors. Search among these documents here.

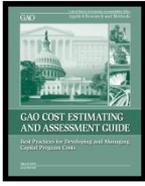
External Links

- Defense Resource Center (DCARC)
- Data Warehouse (DAMIR)

Search for a program among official language and the law.

CERs

$$y = ax^b$$



UNCLASSIFIED



S & S

V A T S



CADE Vision of the Future: Total Analyst Access

OSD CAPE

Seamless integration of authoritative data sources

CPR, IMS, CCDD and SRDR VATs



Vision of Future Capability

Contractor Compliance Report Card

On Time Scores *

- Submitted on Time
- Submitted Late
- Rejected - not re-submitted
- Submission in Submitting
- Expected this Period ****
- Missing
- Not Required this period
- Not required on this task

Data Availability **EVM - Task 1**

	First Report	Latest Report	# of Rpts			
	4/18/2006	1/31/2014	78			
	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14
CPR						
*IPMR Cost						
*History						
Formatted Cost						

CADE Total Access

Knowledge Portal DCARC CAPE

USS Voyager

Portfolio Analysis

Build Portfolio

Choose Portfolio: RTDNE Contracts

Program: OFF, Task: OFF, Level: OFF

Metric: EAC, % Complete

Contract #1 CDR, Contract #2 CDR, Contract #3 CDR, Contract #4 CDR, Contract #5 CDR, Contract #7 CDR, Contract #9 CDR

Export Data, Zoom In, Select View, Save View

USS Voyager Program View in DAMIR

RDTE: \$14,268M
Procurement: \$7,628M
Units: 2

Milestones

Program Milestones from DAMIR

Milestone APB Obj. APB Thres. Current

Concept Dem... Jul. 2012 Dec. 2012 Apr. 2013

MS II/B Feb. 2014 May 2013 May 2013

Key Program Events

Key Events list maintained by Community

Mar. 2013 - IM does LA ops

Oct. 2012 - Dev. APB #3

Sept. 2012 - New PM

Jun. 2011 - First Flight

CADE Community

4 Analysts have been assigned to this program.

B Dopkeen shared a PowerPoint.

K Hazel posted a link.

B Dopkeen posted a note.

E Lofgren shared an Excel Document.

CCRL Search

Open CCRL website in a new tab

The Collaborative Cost Research Library is an on-line document library that contains over 16,000 cost research files contributed by the services and contractors. Search among these documents here.

External Links

Opens website in a new tab

Defense Resource Center (DCARC)

Bulk Download

Download All CSDR Data

Download All EVM Data

Continually expanding set of widget capabilities

CPR Visual Display

Program-level Visual Display

CCDD Visual Display

Software Visual Display

Example Program - Task Performance Overview as of Apr-13

IMS Visual Display

Portfolio Analysis

Status

Performance Over Time

Comment/Question: (Max 1024 chr)

Search for a program among official language and the law.

CERS

$y = ax^b$

GAO COST ESTIMATING AND ASSESSMENT GUIDE



VATS

Community Collaboration

- Objectives
- Comprehensiveness & Vision
- History – Analysis Evolution
- Today's Process
- Vision – Total Analyst Access
- Inc 1.5 (Today – released end of May 2014) & Incs 2-4
- **Community Integration**
- **Government-Industry Cooperation Opportunities**
- Current Collaboration & Government CSDR Evolution
- Long Term Plan (DRAFT)

CAPE
COST ASSESSMENT & PROGRAM EVALUATION

CADE Integration Across the Community

OSD CAPE



FFRDC



Other Gov't

GAO Reports



Law and Language



JDocs Budget Info

AT&L

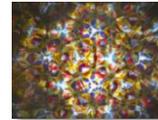
AIR Authoritative Documents



DAMIR:



SAR, APB, DAES



Kaleidoscope Visualization

Contract Business Analysis Repository (CBAR)

Cost Community

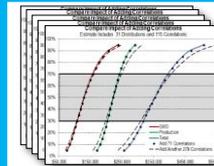
SAR Database



Collaborative Cost Research Library (CCRL)



Contracts Database Tool



Joint CSRUH

JCARD Cost Database



JIAT/ACDB: Cost, Technical & Contract Data

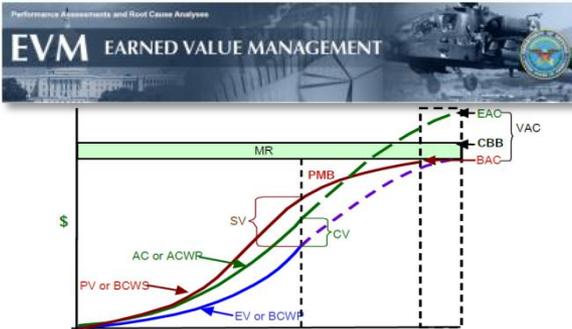
Tri-Service Missile Database/Handbook

Air Force Financial Management & Comptroller

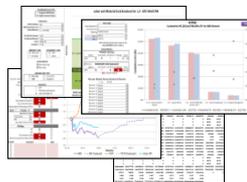


CADE Foundations

PARCA: EVM Cost and Schedule Data



Quick Access to Data and Visual Analysis Tools



DCARC: CSDR Cost and Software Data





Opportunities for Government-Industry Cooperation

OSD CAPE

- **Contractor/Government Implementation Efficiency**
 - Mechanize and automate data transfer
 - Reduce errors
 - Reduce down-the-line questions
 - Improve contractor-to-government communication and insight
- **CADE: The Department's Unified Initiative to Collect, Organize and Use Data**
 - We'll have useable data in one place for all government analysts to use
 - Today there are 4-6 or more offices collecting, normalizing, reviewing, storing cost data at one time -- this happens at every major review
 - Collect it only once!
- **Access to Contractor Data**
 - Near real-time access to data, and less burden on the analyst to retrieve and process
 - Easily check if the data is showing up correct
 - See how the government is looking at the data

Collaboration Example: CADE Infrastructure & Data

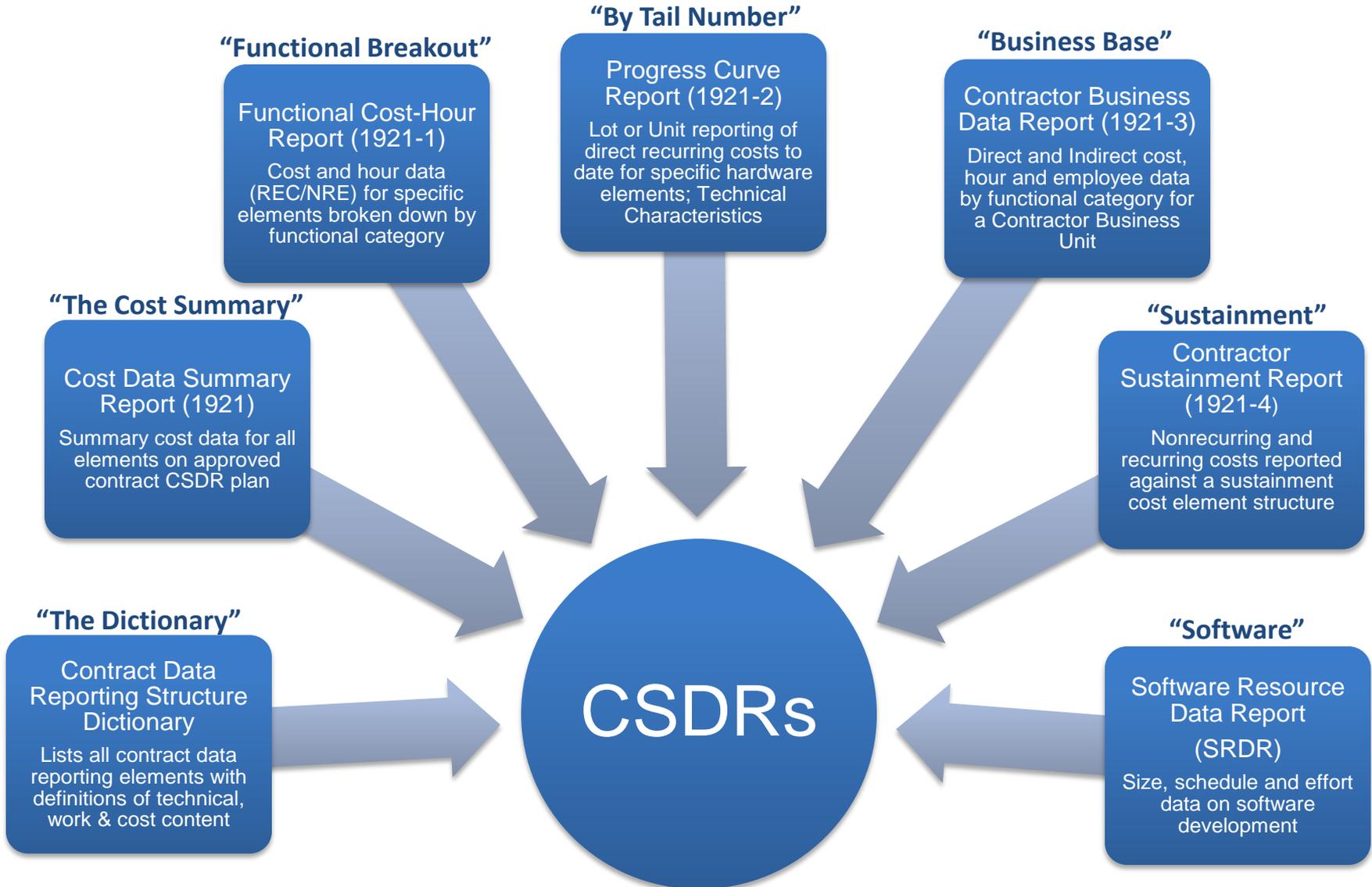
- Objectives
- Comprehensiveness & Vision
- History – Analysis Evolution
- Today's Process
- Vision – Total Analyst Access
- Inc 1.5 (Today – released end of May 2014) & Incs 2-4
- Community Integration
- Government-Industry Cooperation Opportunities
- **Current Collaboration & Government CSDR Evolution**
- Long Term Plan (DRAFT)

CAPE
COST ASSESSMENT & PROGRAM EVALUATION



CSDR Data We Collect Today

OSD CAPE





Revolutionizing Data Collection: Moving to The X-Files

OSD CAPE

Automated

- **Less labor intensive**

Data provided at lower levels

- **Eliminates errors of mapping and allocation**
- **Allows analysts more insight**

Able to read in contractor formats

Higher frequency of submissions

- **Contractors willing to provide data more often in exchange for ease of reporting**

Allows for detailed look into current programs

Reduces need for government Q/C

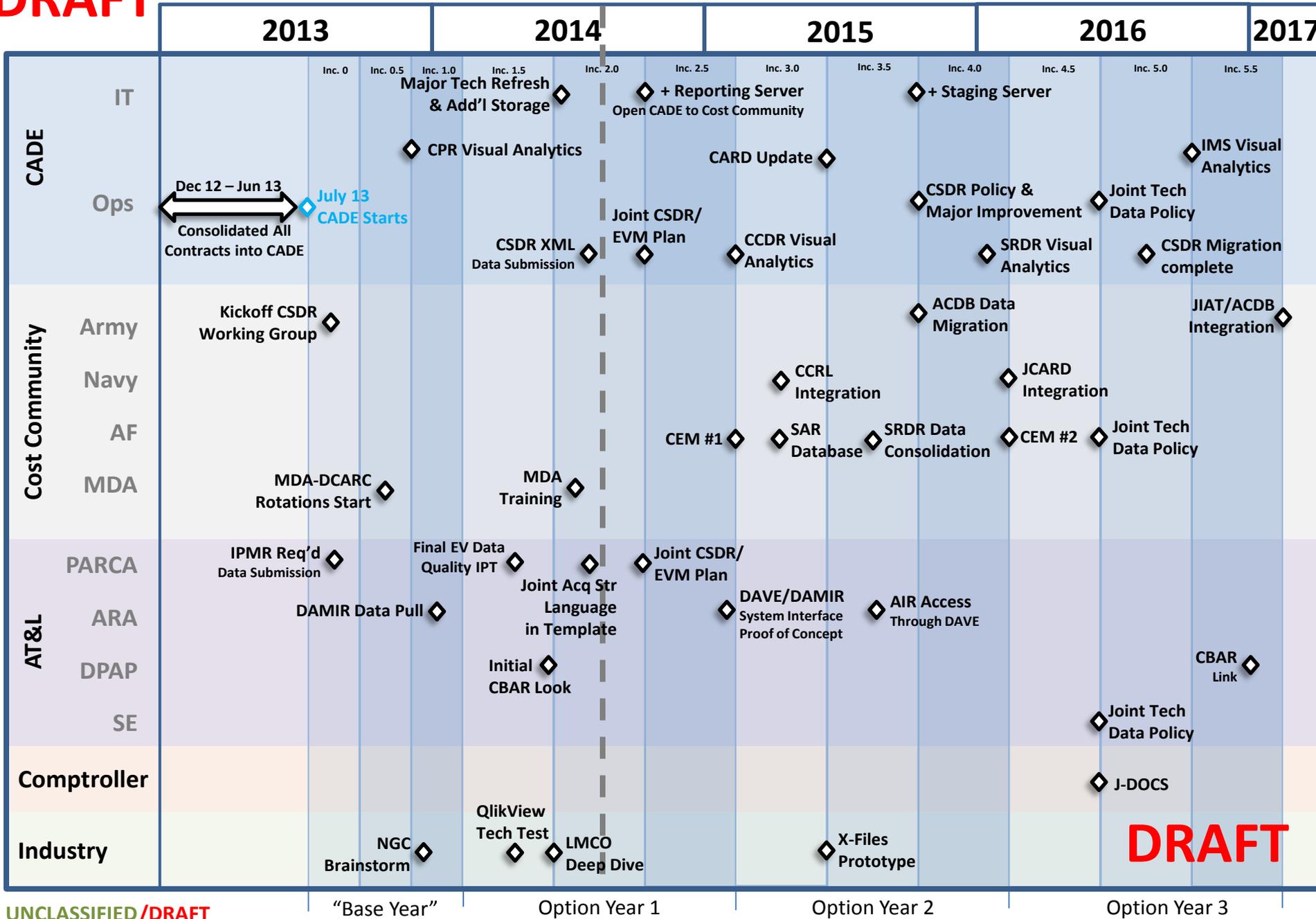
Joint plan and reporting structures between Cost Community & AT&L

Long Term Plan

- Objectives
- Comprehensiveness & Vision
- History – Analysis Evolution
- Today's Process
- Vision – Total Analyst Access
- Inc 1.5 (Today – released end of May 2014) & Incs 2-4
- Community Integration
- Government-Industry Cooperation Opportunities
- Current Collaboration & Government CSDR Evolution
- **Long Term Plan (DRAFT)**

CAPE
COST ASSESSMENT & PROGRAM EVALUATION

DRAFT



DRAFT