Cost Assessment Data Enterprise (CADE) Project

CADE Vision for NDIA's Program Management Systems Committee (PMSC)

August 2015 Update

Bess Dopkeen
bess.r.dopkeen.civ@mail.mil
Last Updated: August 21, 2015

CADE Agenda

- Objectives/KPPs
- Comprehensiveness
- Vision: Total Analyst Access
- Progress Since Last NDIA Briefing
- Coalition
- Working Group Status (CARD, 1921-T, SRDR, FlexFiles)
- Next 12 Month Plan
- Capability Roadmap
- Why It's Important

CADE Objectives/KPPs

Cost Assessment Data Enterprise

OBJECTIVES

Provide decision makers with relevant, high quality, timely and actionable analyses for better acquisition strategies and execution

- Move from reactive to proactive
- Insight equates to trust and facilitates faster and more knowledgeable decision making
- Facilitate telling the program's "story", holistic analysis

Improve Analyst Productivity (at all levels: OSD, Services, PMOs)

- Increase output per unit time, without degrading confidence in results
- 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

Comprehensiveness

- Having all DoD's relevant data at analysts' fingertips for comprehensive assessments, regardless of analysis type

Community Knowledge Sharing

- Gain insight from previous and fellow analysts and data stakeholders

KPPs

Quality and Transparency of Source Data

- Where it comes from, what we know about it – consistency
- Enterprise data stewardship – Enterprise agreement and accountability for what data means and how it's used
- Reporting Compliance Improvement

Properly Secured

Cost Assessment Data Enterprise

Comprehensiveness and Our Vision

Comprehensive Data Availability:

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

- **Cost Data (CCDRs/1921s)**: Contains all an analyst needs to build an estimate
  - **FlexFiles**: New generation of cost data collection
- **Cost Analysis Requirements Description (CARD) / Technical Data ("1921-T")**: Programmatic and technical descriptions analysts need to build estimates
- Software Resource Data Report (SRDR): Software effort, size, and schedule estimating approaches including analogy, parametric and commercial models
- Capturing Institutional Knowledge: What analysts need to know about the data
  - Harnessing knowledge of the entire community
- Policy Improvements
- Community Support

Our Vision for CADE:

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.

CADE Vision of the Future: Total Analyst Access

Cost Assessment Data Enterprise

OSD CAPE

Vision of Future Capability

Seamless integration of authoritative data sources

CPR, IMS, CCDR and SRDR VATs

New website/ portal design

Contractor Compliance Report Card

Data Availability

Bulk Download

Download All CSDR Data

Download All EVM Data

CPR Visual Display

Program-level Visual Display

CCDR Visual Display

Software Visual Display

IMS Visual Display

Portfolio Analysis

Continually expanding set of widget capabilities

CERs

$y = ax^b$

Search for a program among official language and the law.

NDA Administration

V A T S

CADE Progress Since Last NDIA Meeting (1/14)

Policy:

- CCDR XML Requirement Letter
- 1921-5 DID Approval In-Process
- Draft SRDR DID
- Draft CARD Guidance

Business Processes:

- CADE Capability Roadmap, Integrated Master Schedule
- Functional Working Groups
- Data Gap Analysis Performed
- Forward Planning Requirements Defined
- CARD, Plan Standards and Tables Developed

IT Development (releases 1.5, 2.0, 2.5 & 3.0):

- CCDR and DAMIR authoritative data access
- Improved visual analytics
- CCDR and IPMR XML submissions
- Automation of DCARC memorandum notifications and distributions

CADE Coalition: The Cost Community, AT&L & Industry

OSD CAPE

Cross-Agency Working Groups:

1921, -1, -2: Duncan Thomas, NCCA

1921-3: Mike Biver, CAPE

Sustainment (1921-4/5): Tom Henry, CAPE

FlexFiles: John Fitch, NCCA

SRDR: Ranae Woods, AFCAA

CARD: Curt Khol, CAPE

Tech Data WG, Space & Launch Systems: Greg Hogan, AFCAA

MAIS WG, AIS & Software Commodity Lead: Rich Mabe, AFCAA

AFCAA CEM Joint Effort: Ranae Woods, AFCAA

- Aircraft, UAV: Scott Adamson, AFCAA
- Missiles: John Cargill, AFCAA
- Radar, C2 Center and C4I Electronics: Cari Pullen, AFCAA
- ICBM: Patty Hach, AFCAA
- Operations & Support: Lisa Mably, AFCAA
- Navy Ships: Praful Patel, Benjamin Breaux, NCCA
- WTV: David Junkin, Eric Stough, Army

CSDR/EVM Co-Plan, WBS Alignment: Gordon Kranz, John McGregor, AT&L PARCA

Office Collaboration:

AFCAA	**Ranae Woods** AFCAA CEM joint effort on CADE - commodity leads, Aviation CIPT, Missile Contracts Database
NCCA	**John Fitch** FlexFiles, JCARD (NAVAIR), CCRL, DASNSHIPS, NAVSEA, Ships WG - tech data for CARD/CCDR
Army	**Sean Vessey** JIAT, ACDB/WTV prototype, WTV tech data for CARD/CCDR, WTV CIPT
MDA	CCRG, MDA-DCARC alignment
AT&L	EVM-CR, CSDR/EVM Co-Plans DAVE (DAMIR, AIR, Kaleidoscope) DDR&E/SE tech data; Big Data initiative
Industry:	LM, BNA, NGC, BAE, GDLS, CSDR Focus Group, Joint Training, NDIA

CARD Streamlining

Lessening Program Office Burden and Improving Data

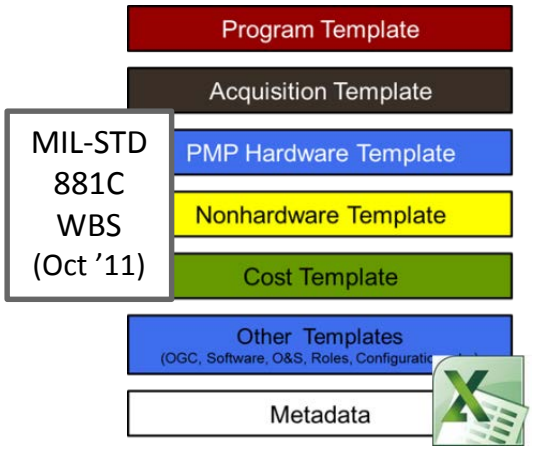
OSD CAPE

Current State:

- Current data collection methods are ad-hoc, inefficient and scattered across the department
- Historically CARD has not been living document: too much narrative and not enough real data
- Result: We re-construct Technical analogous for nearly every estimate

Commodity Unique Templates

- Estimating Requirements
- Comprehensive data source



Air Force
Army
Navy

CARD

- Interim Policy (Jun '15)
- Updated Format
- Annual Delivery
- Historical Record

Tech Data Report 1921-T

- SWaP parameters
- Complement to cost and software
- Completes the CARD

Other Data

- Collaborate with Acquisition and Technical Communities; SE, L&MR and ARA

CADE

- Authoritative data source
- One stop shop for analysis
- Visual Analytics

Interim CARD Draft 1921-T

Final CARD Final 1921-T

Train and Transition

Final Crosswalk - Development SRDR

Cost Estimating Need	Current SRDR Issue	New SRDR Requirement
Estimate by CSCI (SW Size, Effort, Description, Schedule)	Lack of Visibility	CSCI-Level Reporting
Standard size measures based on different system types (MDAP vs ERP)	Inconsistency	ERPs RICE-FW, all else SLOC
Consistent logical DSLOC data by language to support Size and Effort	Inconsistency	Use *Aerospace* Unified Code Count (UCC), standard code counter; Use IFPUG for Function Points (FPs)
Requirements as Size/Effort driver	Inconsistency	Standard, clear Requirements counts
Understanding of degree of effort for reused code relative to new code	Inconsistency	DM/CM/IM % or AAFs
Ability to estimate "full-up" SW effort	Lack of Visibility	Prototype vs Production Representative Use ISO 12207:2008 Activities
~~Dollarize SW effort estimates accurately~~	Lack of Visibility	~~Direct and Indirect Costs by CSCI in SRDR~~
Accurately time-phase SW Dev estimates	Lack of Visibility	Report Monthly Effort in Final SRDR
Phasing, Software Growth relationships	Lack of Visibility	Require Interim Reports
Stratify software efforts by Complexity, a key driver of effort (Productivity)	Too Complex	Reduce Application Domains from 119 to 17
Capture Analyst Capability Productivity Impact	Subjective/Little Value	Remove Experience requirement

Changes Enhance all Cost/Effort, Size, and Schedule Estimating Approaches: Analogy, Parametric, Commercial Models

Industry Impact
- ✓ Low Impact (Reduced Reqt)
- ✓ Medium Impact
- ✓ Significant Impact

Cost Assessment Data Enterprise

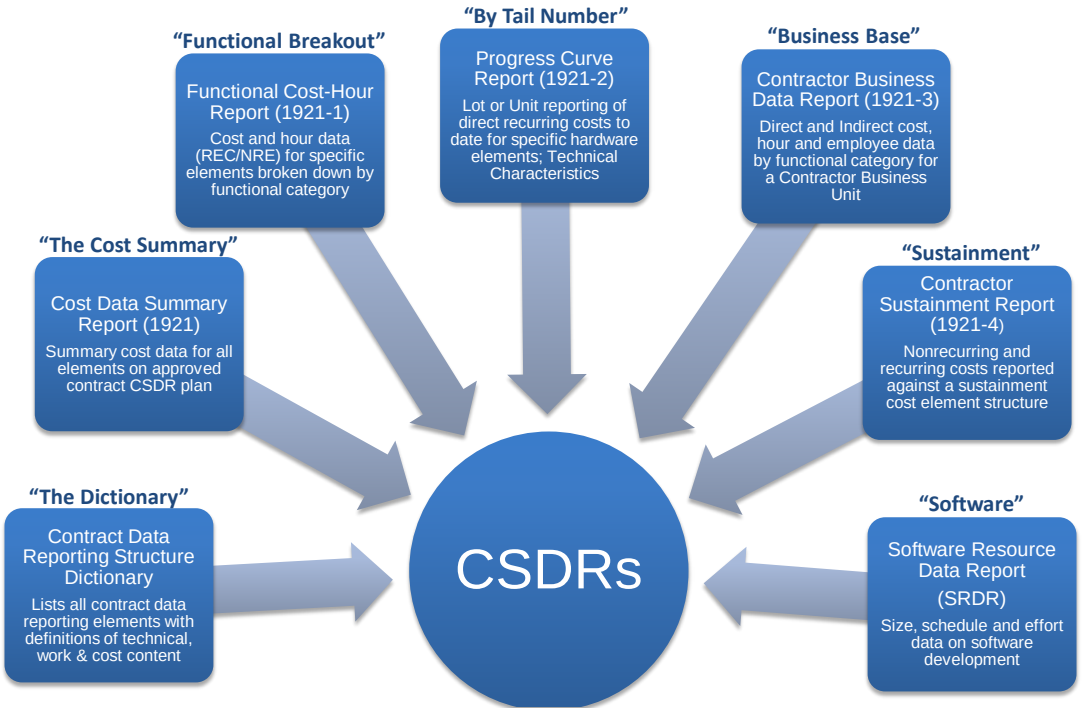
CSDR Problem Statement

Current CCDR Shortcomings

- Subjective Mapping
- Allocation
- Manual
- Inconsistent
- Time Consuming
- No details below the functional labor categories within a WBS element
- Data sampling over time typically limited to once a year

FlexFile Improvements

- Standard WBS
- Raw/Detailed Source Data
- Automated
- Consistent
- Traceable, Repeatable mapping



CSDR Data We Collect Today

FlexFiles: Objectives

A Win-Win Government and Industry Partnership

1. Increase Efficiency:

- Collect data according to the contractor's management structure
- Removal of legacy 1921 forms
- Reduce ad hoc/supplemental government data collection efforts
- Much easier and less time consuming for Industry – allows them to reduce back end support
- Automation: data flows directly from contractor systems into ours

2. Improving Data Quality:

- Eliminate Human Error/Subjectivity
- Collect raw data, and use technology to eliminate arbitrary allocations and errors
- Consistent application of Mil-STD-881C to both EV and CSDR data – data Alignment
- Review and mapping pre-contract award

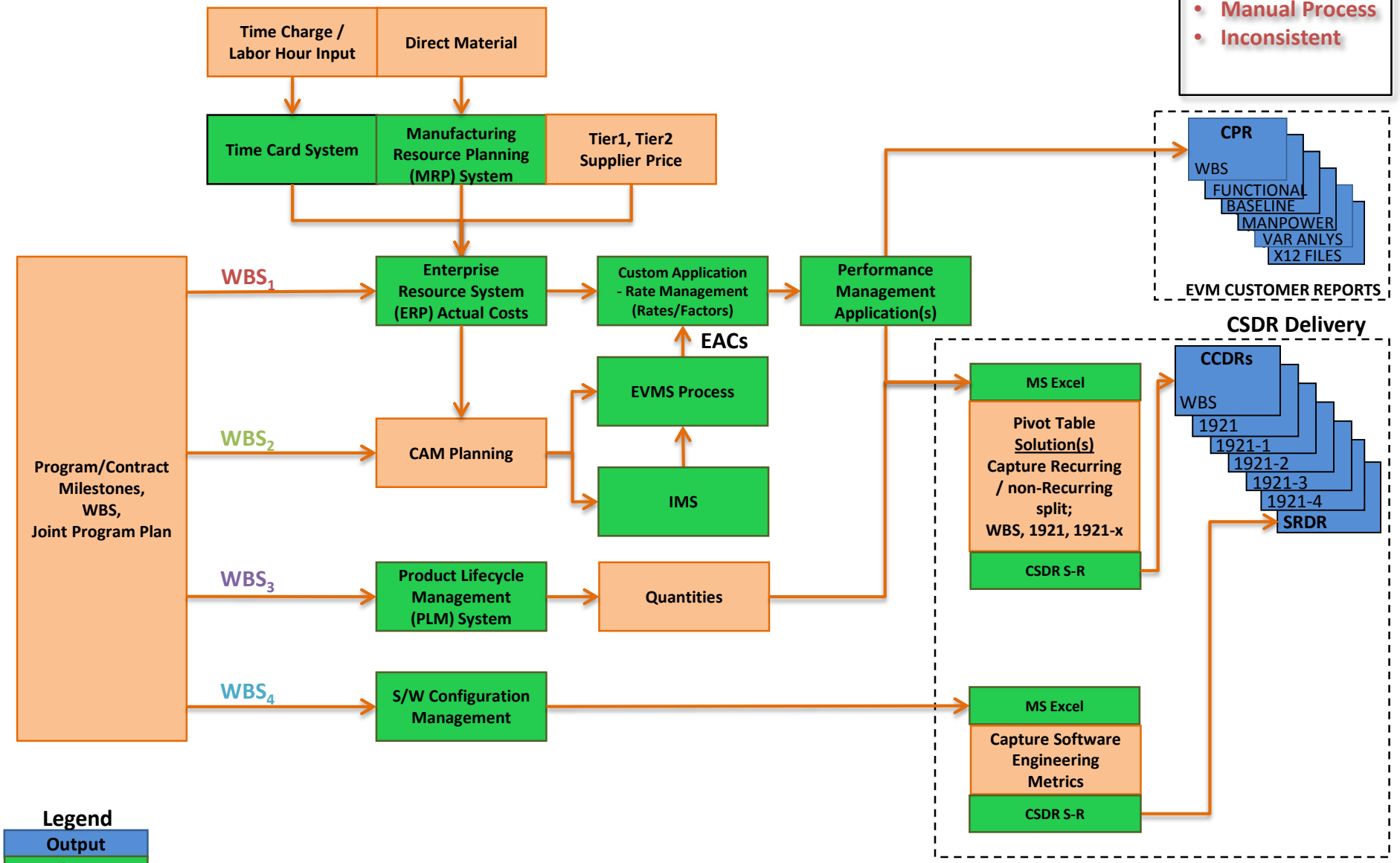
3. Ensure Completeness:

- Provides much more insight and analysis flexibility
- Higher frequency of submissions
- Receive data over time
- Include cost and supporting technical data

Today's 1921 Process

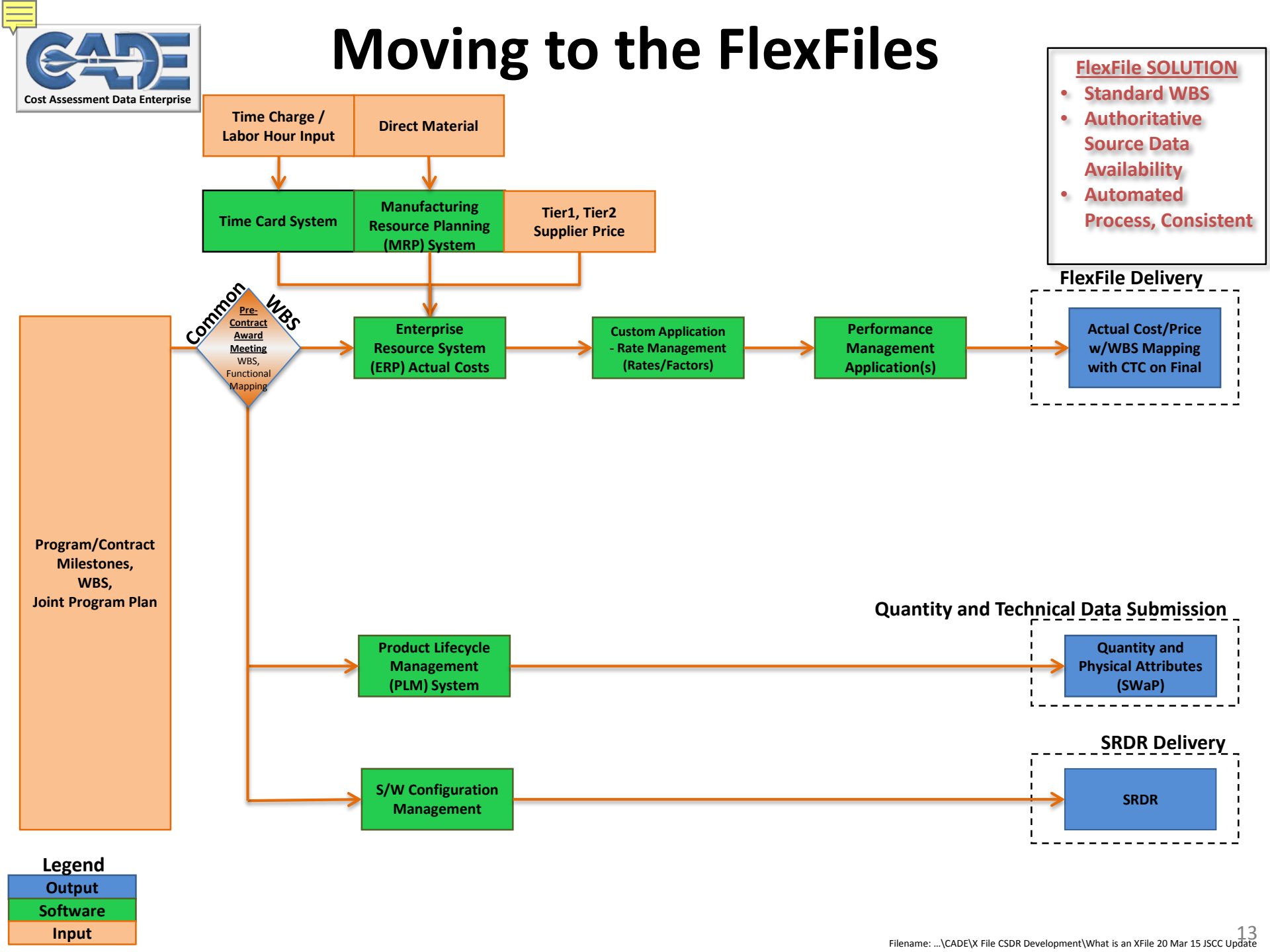
Cost Assessment Data Enterprise

DATA SUBMITTALS
- Subjective WBS Mapping
- Cost Allocation
- Manual Process
- Inconsistent



Filename: ...\CADE\X File CSDR Development\What is an XFile 20 Mar 15 JSCC Update

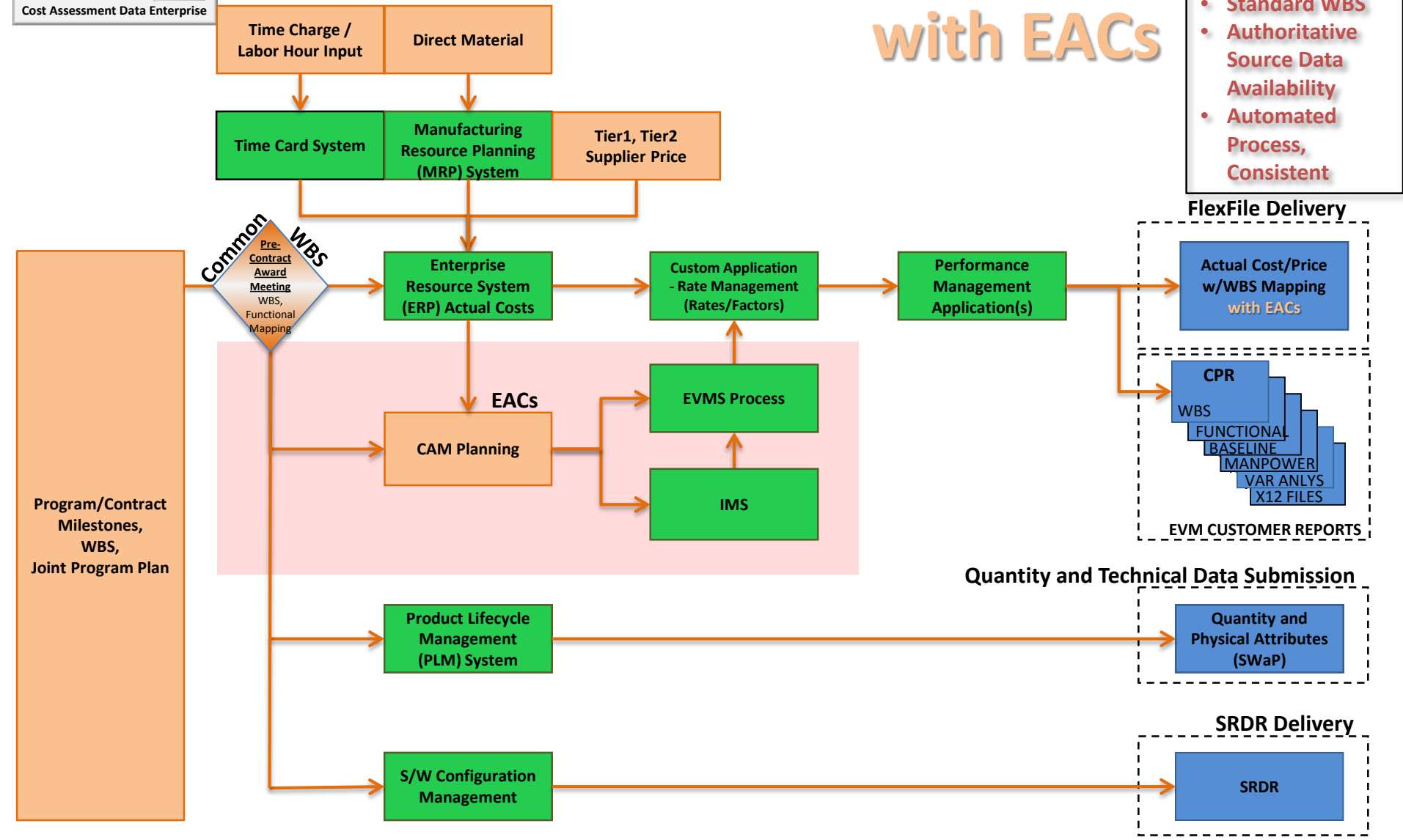
Moving to the FlexFiles



Moving to the FlexFiles with EACs

Cost Assessment Data Enterprise

FlexFile SOLUTION
- Standard WBS
- Authoritative Source Data Availability
- Automated Process, Consistent



Filename: ...\CADE\X File CSDR Development\What is an XFile 20 Mar 15 JSCC Update

Cost Assessment Data Enterprise

What is the "FlexFile"?

COST DATA SUMMARY REPORT

Form Approved OMB No. 0704-0188

1. PROGRAM	2. PRIME MISSION PR	3. CONTRACTOR TYPE (X one	4. NAME/ADDRESS (Inclu	5. APPROVED PLAN NUMBE
a. MDAP/ USS Voyager b. PHASE Development	USS Voyager	[x] PRIME / ASSOCIATE [ ] DIRECT-REPORTING SUBCONT	The Lofgren Corp	N019-210

6. CUSTOMER (DIRECT-REPORTING SUBCONTRA	7.	8. CONTRAC	9.	10. TYPE ACTION	
	CPIF			a. CONTRACT NO H!102-C-09-0001	c. SOLICITATION NO.:
				b. LATEST MODIFICATION:	d. NAME:

11. PERIOD OF PERFORMANCE	12. APPROPRIATION	13. REPORT C	14. SUBMISSION NUMBE	15. RESUBMISS	16. REPORT AS OF
a. START DATE 20021222	[x] RDT&E	[ ] INITIAL	7	1	20140430
b. END DATE 20140430	[ ] PROCUREMENT	[ ] INTERIM			
	[ ] O&M	[x] FINAL			

17. NAME (Last, First, Middle Initial)	18. DEPARTMENT	19. TELEPHONE NUMBER (Inc	20. EMAIL ADDRESS	21. DATE PREPARED
Lofgren, Eric M	the Eric Dept	(571) 256-9999		20141210

WBS ELEMENT	WBS REPORTING ELEMENTS	NUMBER OF UNITS	COSTS INCURRED TO DATE			NUMBER OF UNITS AT	COSTS INCURRED AT COMPLETION		
			NONRECURRING	RECURRING	TOTAL		NONRECURRING	RECURRING	TOTAL
A	B	C	D	E	F	G	H	I	J
1.0	**Voyager System**		**$884,593.0**	**$260,718.0**	**$1,145,311.0**		**$811,994.0**	**$531,310.0**	**$1,343,304.0**
1.1	**Voyager Ship**	**2.0**	**$40,167.0**	**$12,265.0**	**$52,432.0**	**2.0**	**$31,920.0**	**$55,383.0**	**$87,305.0**
1.1.1	Propulsion System		$3,559.0	$3,585.0	$7,144.0		$3,800.0	$2,204.0	$6,004.0
1.1.1.1	Booster System		$433.0	$898.0	$1,331.0		$627.0	$452.0	$1,079.0
1.1.1.1.1	Booster Motor	2.0	$32.0	$56.0	$88.0	2.0	$4.0	$69.0	$75.0
1.1.1.1.2	Thrust Vector Actuator (TVA)	2.0	$45.0	$32.0	$77.0	2.0	$73.0	$43.0	$118.0
1.1.1.1.3	Two-axis Rate Sensor (TARS)	2.0	$77.0	$58.0	$135.0	2.0	$32.0	$64.0	$98.0
1.1.2	Kill Vehicle		$6,413.0	$1,556.0	$7,969.0		$5,773.0	$1,292.0	$7,065.0
1.1.2.1	Forebody Structure	2.0	$185.0	$881.0	$1,066.0	2.0	$281.0	$342.0	$625.0
1.1.2.2	Seeker	2.0	$277.0	$519.0	$796.0	2.0	$698.0	$745.0	$1,445.0
1.1.2.3	Divert & Attitude Control System (DACS)	2.0	$297.0	[illegible]	$1,190.0	2.0	$392.0	$484.0	$878.0
1.1.2.4	Mission Computer (MC)	2.0	$568.0	$755.0	[illegible]	2.0	[illegible]	[illegible]	[illegible]
1.1.3	Canister	2.0	$9,950.0	[illegible]	$14,993.0	2.0	$8,895.0	$2,600.0	$11,497.0
1.1.4	Missile Round IAT&CO	2.0	$2,598.0	$6,564.0	$9,162.0	2.0	$8,601.0	$5,536.0	$14,139.0
1.1.5	Missile Software		$2,963.0	$4,643.0	$7,606.0		$6,142.0	$4,931.0	$11,073.0
1.1.6	Missile Round SEI/PM		$2,244.0	$8,080.0	$10,324.0		$8,615.0	$9,730.0	$18,345.0
1.2	**Command and Launch**		**$53,758.0**	**$20,997.0**	**$74,755.0**		**$57,860.0**	**$26,467.0**	**$84,327.0**
1.2.1	Launch Control Station	2.0	$4,275.0	$2,640.0	$6,915.0	2.0	$3,462.0	$1,614.0	$5,078.0
1.2.2	Battle Mgmt/CMD & Control (BMC2)	2.0	$3,340.0	$2,249.0	$5,589.0	2.0	$7,096.0	$8,852.0	$15,950.0
1.3	**Peculiar Support Equipment**		**$61,781.0**	**$81,579.0**	**$143,360.0**		**$26,183.0**	**$30,717.0**	**$56,900.0**
1.4	**SE/PM**		**$72,574.0**	**$86,430.0**	**$159,004.0**		**$91,879.0**	**$39,371.0**	**$131,250.0**
1.4.1	Integrated Engineering		$7,159.0	$4,103.0	$11,262.0		$7,067.0	$1,996.0	$9,063.0
1.4.2	Integrated Program Management		$5,050.0	$4,523.0	$9,573.0		$7,635.0	$5,117.0	$12,752.0
1.4.7	CITIS/EDAMS		$6,858.0	$1,297.0	$8,155.0		$9,286.0	$2,129.0	$11,415.0
1.5	**System Test & Evaluation**		**$75,999.0**	**$17,902.0**	**$93,901.0**		**$30,863.0**	**$53,015.0**	**$83,878.0**
	Subtotal Cost:				**$1,145,311.0**				**$1,343,304.0**
	G&A:				$30,594.6				$30,741.4
	Undistributed Budget				$0.0				$0.0
	Management Reserve				$0.0				$0.0
	Facilities Capital Cost of Money				$2,152.0				$2,156.6
	Total Cost				**$1,178,057.6**				**$1,376,202.0**
	Reporting Contractor Profit/Loss or Fee:				$61,088.8				$61,108.1
	Total Price				**$1,239,146.4**				**$1,437,310.1**

Unclassified

The costs reported for any WBS element on a 1921 are the aggregation of numerous lower level cost categories

$$= \sum_i^j L_i + \sum_x^y \alpha_x I_x + \sum_a^b M_a$$

where:

L_i = Direct Labor category "i"

I_x = Indirect Labor category "x"

α_x = allocation rate for "x"

M_a = Materials category "a"

FlexFiles will report data at the component level with associated tags for analyst to roll-up

Notional FlexFiles example:

WBS	Component	Cost Pool	NR/Rec	Date	Cost	Hours
1.1.2.4	Eng. Design	Labor	NR	Mar-14	$132.12	3.1
1.1.2.4	Bus MTL-XLS	Material	Rec	Nov-13	$1,234.10	
1.1.2.4	MLT Handling	Indirect	Rec	Mar-14	$44.80	

CADE
Planned Accomplishments – Next 12 months

Policy:

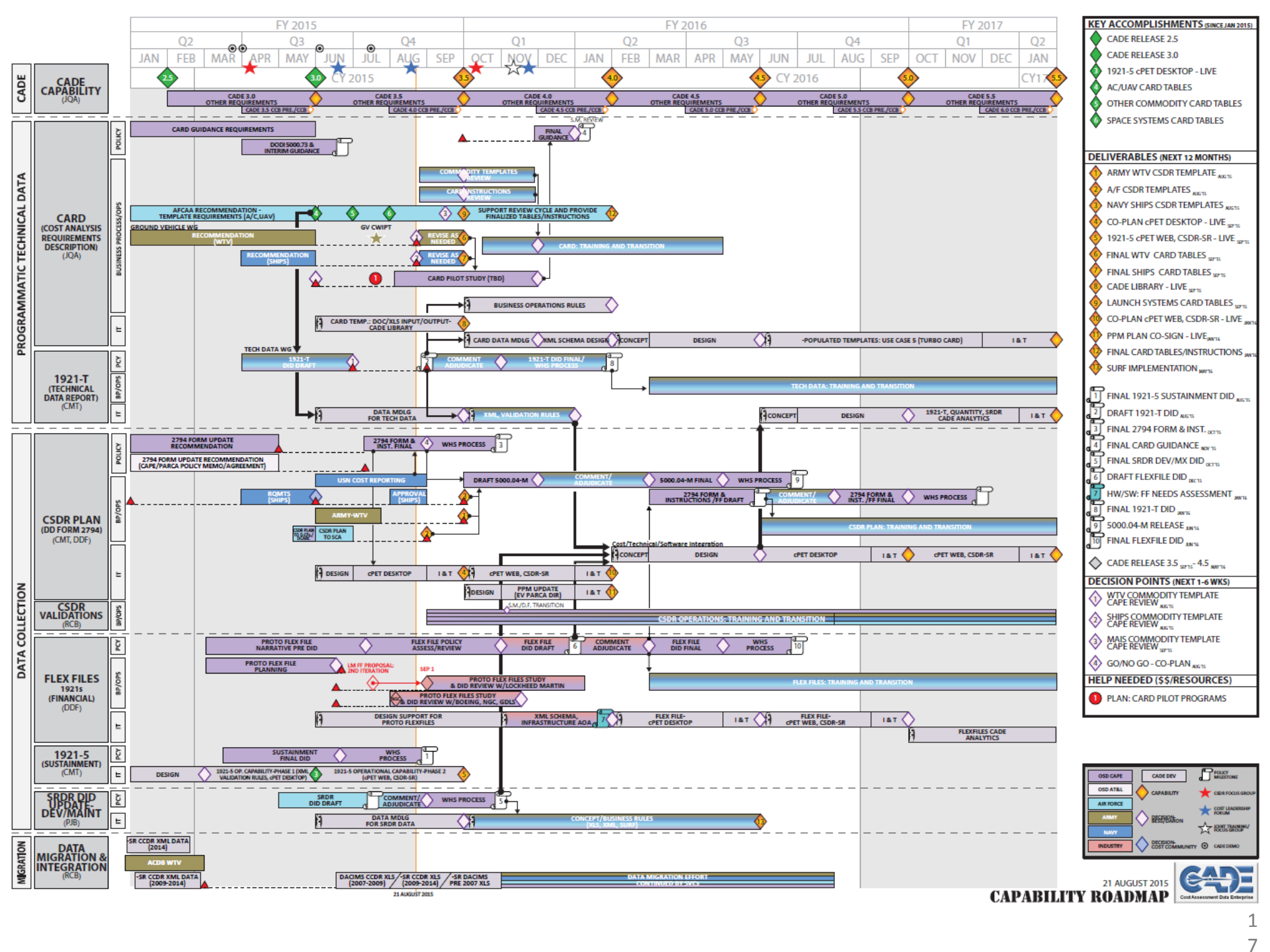
- Final CARD Guidance
- Final SRDR DID
- 1921-T DID
- CSDR Plans or Co-Plans
- FlexFiles –FlexFile Prototype Instruction and Prototypes (Draft DID)
- CSDR Planning and Validation Coordination with the Services

Business Processes:

- Co-Plan (DD Form 2794)
- Air Force CEM, MAIS, Army WTV, Navy Ships
- CARD Tables
- CSDR Plan Standards
- CADE Library

IT Development (release 3.5 to 4.5):

- Co-Plan cPET Desktop
- SRDR cPET Desktop
- FlexFile Development


FY 2015
FY 2016
FY 2017
Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN
CY 2015
CY 2016
CY17
CADE
CADE CAPABILITY (JQA)
CADE 3.0 OTHER REQUIREMENTS
CADE 3.5 OTHER REQUIREMENTS
CADE 4.0 OTHER REQUIREMENTS
CADE 4.5 OTHER REQUIREMENTS
CADE 5.0 OTHER REQUIREMENTS
CADE 5.5 OTHER REQUIREMENTS
PROGRAMMATIC TECHNICAL DATA
CARD (COST ANALYSIS REQUIREMENTS DESCRIPTION) (JQA)
CARD GUIDANCE REQUIREMENTS
DODI 5000.73 & INTERIM GUIDANCE
FINAL GUIDANCE
COMMODITY TEMPLATES REVIEW
CARD INSTRUCTIONS REVIEW
AFCAA RECOMMENDATION - TEMPLATE REQUIREMENTS (A/C,UAV)
SUPPORT REVIEW CYCLE AND PROVIDE FINALIZED TABLES/INSTRUCTIONS
GROUND VEHICLE WG
RECOMMENDATION (WTV)
GV CWIPT
REVISE AS NEEDED
CARD: TRAINING AND TRANSITION
RECOMMENDATION (SHIPS)
CARD PILOT STUDY (TBD)
BUSINESS OPERATIONS RULES
CARD TEMP.: DOC/XLS INPUT/OUTPUT-CADE LIBRARY
CARD DATA MDLG
XML SCHEMA DESIGN
CONCEPT
DESIGN
-POPULATED TEMPLATES: USE CASE 5 (TURBO CARD)
I & T
1921-T (TECHNICAL DATA REPORT) (CMT)
TECH DATA WG
1921-T DID DRAFT
COMMENT ADJUDICATE
1921-T DID FINAL/ WHS PROCESS
TECH DATA: TRAINING AND TRANSITION
DATA MDLG FOR TECH DATA
XML VALIDATION RULES
CONCEPT
DESIGN
1921-T, QUANTITY, SRDR CADE ANALYTICS
I & T
DATA COLLECTION
CSDR PLAN (DD FORM 2794) (CMT, DDF)
2794 FORM UPDATE RECOMMENDATION
2794 FORM UPDATE RECOMMENDATION (CAPE/PARCA POLICY MEMO/AGREEMENT)
2794 FORM & INST. FINAL
WHS PROCESS
USN COST REPORTING
DRAFT 5000.04-M
COMMENT/ ADJUDICATE
5000.04-M FINAL
WHS PROCESS
RQMTS (SHIPS)
APPROVAL (SHIPS)
2794 FORM & INSTRUCTIONS /FF DRAFT
COMMENT/ ADJUDICATE
2794 FORM & INST. /FF FINAL
WHS PROCESS
ARMY-WTV
CSDR PLAN: TRAINING AND TRANSITION
Cost/Technical/Software Integration
CONCEPT
DESIGN
cPET DESKTOP
I & T
cPET WEB, CSDR-SR
I & T
DESIGN
cPET DESKTOP
I & T
cPET WEB, CSDR-SR
I & T
DESIGN
PPM UPDATE (EV PARCA DIR)
I & T
S.M./D.F. TRANSITION
CSDR VALIDATIONS (RCB)
CSDR OPERATIONS: TRAINING AND TRANSITION
FLEX FILES 1921s (FINANCIAL) (DDF)
PROTO FLEX FILE NARRATIVE PRE DID
FLEX FILE POLICY ASSESS/REVIEW
FLEX FILE DID DRAFT
COMMENT ADJUDICATE
FLEX FILE DID FINAL
WHS PROCESS
PROTO FLEX FILE PLANNING
LM FF PROPOSAL: 2ND ITERATION
SEP 1
PROTO FLEX FILES STUDY & DID REVIEW W/LOCKHEED MARTIN
PROTO FLEX FILES STUDY & DID REVIEW W/BOEING, NGC, GDLS
FLEX FILES: TRAINING AND TRANSITION
DESIGN SUPPORT FOR PROTO FLEXFILES
XML SCHEMA, INFRASTRUCTURE AOA
FLEX FILE- cPET DESKTOP
I & T
FLEX FILE- cPET WEB, CSDR-SR
I & T
FLEXFILES CADE ANALYTICS
1921-5 (SUSTAINMENT) (CMT)
SUSTAINMENT FINAL DID
WHS PROCESS
DESIGN
1921-5 OP. CAPABILITY-PHASE 1 (XML VALIDATION RULES, cPET DESKTOP)
1921-5 OPERATIONAL CAPABILITY-PHASE 2 (cPET WEB, CSDR-SR)
SRDR DID UPDATE - DEV/MAINT (PJB)
SRDR DID DRAFT
COMMENT/ ADJUDICATE
WHS PROCESS
DATA MDLG FOR SRDR DATA
CONCEPT/BUSINESS RULES (MLS, XML SURF)
MIGRATION
DATA MIGRATION & INTEGRATION (RCB)
-SR CCDR XML DATA (2014)
ACDB WTV
-SR CCDR XML DATA (2009-2014)
DACIMS CCDR XLS (2007-2009)
-SR CCDR XLS (2009-2014)
-SR DACIMS PRE 2007 XLS
DATA MIGRATION EFFORT
21 AUGUST 2015
KEY ACCOMPLISHMENTS (SINCE JAN 2015)
CADE RELEASE 2.5
CADE RELEASE 3.0
1921-5 cPET DESKTOP - LIVE
AC/UAV CARD TABLES
OTHER COMMODITY CARD TABLES
SPACE SYSTEMS CARD TABLES
DELIVERABLES (NEXT 12 MONTHS)
ARMY WTV CSDR TEMPLATE AUG'15
A/F CSDR TEMPLATES AUG'15
NAVY SHIPS CSDR TEMPLATES AUG'15
CO-PLAN cPET DESKTOP - LIVE SEP'15
1921-5 cPET WEB, CSDR-SR - LIVE SEP'15
FINAL WTV CARD TABLES SEP'15
FINAL SHIPS CARD TABLES SEP'15
CADE LIBRARY - LIVE SEP'15
LAUNCH SYSTEMS CARD TABLES SEP'15
CO-PLAN cPET WEB, CSDR-SR - LIVE JAN'16
PPM PLAN CO-SIGN - LIVE JAN'16
FINAL CARD TABLES/INSTRUCTIONS JAN'16
SURF IMPLEMENTATION MAY'16
FINAL 1921-5 SUSTAINMENT DID AUG'15
DRAFT 1921-T DID AUG'15
FINAL 2794 FORM & INST. OCT'15
FINAL CARD GUIDANCE NOV'15
FINAL SRDR DEV/MX DID OCT'15
DRAFT FLEXFILE DID DEC'15
HW/SW: FF NEEDS ASSESSMENT JAN'16
FINAL 1921-T DID JAN'16
5000.04-M RELEASE JUN'16
FINAL FLEXFILE DID JUN'16
CADE RELEASE 3.5 SEP'15 - 4.5 MAY'16
DECISION POINTS (NEXT 1-6 WKS)
WTV COMMODITY TEMPLATE CAPE REVIEW AUG'15
SHIPS COMMODITY TEMPLATE CAPE REVIEW AUG'15
MAIS COMMODITY TEMPLATE CAPE REVIEW SEP'15
GO/NO GO - CO-PLAN AUG'15
HELP NEEDED ($$/RESOURCES)
PLAN: CARD PILOT PROGRAMS
OSD CAPE
OSD AT&L
AIR FORCE
ARMY
NAVY
INDUSTRY
CADE DEV
CAPABILITY
DECISION/ MILESTONE
DECISION/ COST COMMUNITY
POLICY MILESTONE
CSDR FOCUS GROUP
COST LEADERSHIP FORUM
JOINT TRAINING/ FOCUS GROUP
CADE DEMO
21 AUGUST 2015
CAPABILITY ROADMAP
Cost Assessment Data Enterprise

CADE Closing: Why It's Important

Improved Acquisition Outcomes:

- **Authoritative Quality Data**: Cooperative planning and compliance lead to better data and improved program management
- **Cost Realism**: Provide real-time cost data for analysis and facilitating quicker contract negotiations
- **Full view of Weapons Systems Program Performance**: Visual analytics, trend analysis and technical data to improve cost realism and make informed decisions

Efficient and Effective Analysis (at all levels: OSD, Services, PMOs):

- Improved Analytical Rigor and Productivity
- More time for analysis and execution; Less time collecting and feeding data
- More comprehensive assessments and reduced burden on industry

Cost Community Coordination:

- Revolutionizing cost data collection
- Cost community ownership of leadership, training and estimating responsibility
- Improving terminology and practices across Departments

Let's continue this effort together…
help us work to make us all more efficient