

CCDR Flex File & C*CERT+ Product Overview: v. 4.1.2.0



About Midnite Dynamics

About Midnite Dynamics

40+ combined years of Global experience in developing and implementing software solutions for major Department of Defense programs required to comply with ANSI/EIA 748 EMVS.

Background

The leaders of Midnite Dynamics began their careers in the A&D Industry working at large contractors; eventually moving on to the small business that developed the State of Art software application: **MPM**.

Today

MDi is a very *customer focused* small business; delivering reliable software solutions, training, implementation and technical support focusing on the A&D Industries Earned Value and Financial requirements.

About Midnite Dynamics

40+ Combined Years A&D Industry Experience



Dedicated to solving Industry “Pain-Points”



Our expertise is CCDR Software Automation and Delivery Support



Reproducible, Reliable and Sustainable CCDR Reporting



What is

C***CERT+**

C*CERT+**** is the only **autonomous CCDR** software application that interfaces with your existing EVM and Accounting systems!

C*CERT+**** streamlines, automates, *validates* and produces both the **CCDR Flex File** (JSON files) and **Legacy 1921 family of Excel and XML reports**— to eliminate what otherwise can be a *manually intensive*, time-consuming and costly effort to produce these CCDR Reports; subject to errors and omissions which can lead to recurring rejections.

Why CoCERT+?



- Proven Track Record 12+ Years
- Cost Effective; Immediate ROI
- Little or no IT Support
- “Hit the ground running” application
- Customer Focused; Real-time solutions & enhancements
- Autonomous and affordable software application that interfaces with your existing EVM and accounting systems
 - No need to procure an additional, comprehensive EVM system
- Complete All-in-one Flex File Report Config; Setup; Mappings & Allocations User Interface
- JSON + Data Validations + Analysis Reports + View in 1921/1921-1 Legacy Formats
- Direct Communication with Tecolote (Gov’t FlexFile Development Team)
- **Because:** cPet (Gov’t Tool) is simply a receiver of data which the user must manually populate in up to 20 blank Excel worksheets!

C*CERT+ Feature/Functionality:

○ Cost Hour Flex File – JSON Features:

- Output compliant JSON files at the push of a button!
- Import JSON files to view data in user-friendly format; output to Excel
- Intuitive, powerful, and user-friendly Setup, Mappings, and Allocations!
- Over 70+ Structural and Numeric Validations--and growing!
- Numerous Analysis reports for analyzing your JSON data!
- Output JSON data to Legacy 1921 & 1921-1 Excel report formats!
- Report Configuration accommodates flexible and custom DD 2794 flow down requirements!
- Report Comparison: Allows Comparison between CCDR report submittals
- Exclude source system cost collectors not applicable for CCDR reporting
- Mapping “Rules” for efficient *and consistent* Standard Category Mapping across the Enterprise
- Direct Read Only Interface to **COBRA** for CCDR Data Extraction into C*CERT+

○ Legacy 1921 Family of Reports:

- 1921, 1921-1, 1921-2, 1921-5 Excel & XML
- Fixed and Variable Cost Report (FVCR)
- Consolidate multiple contracts/task orders/ CLINs/programs for CPR/CCDR
- 40+ Structural & Numerical Validations
- DD2794 WBS Mapping; Functional Data Element Mapping; WBS Definitions & Remarks

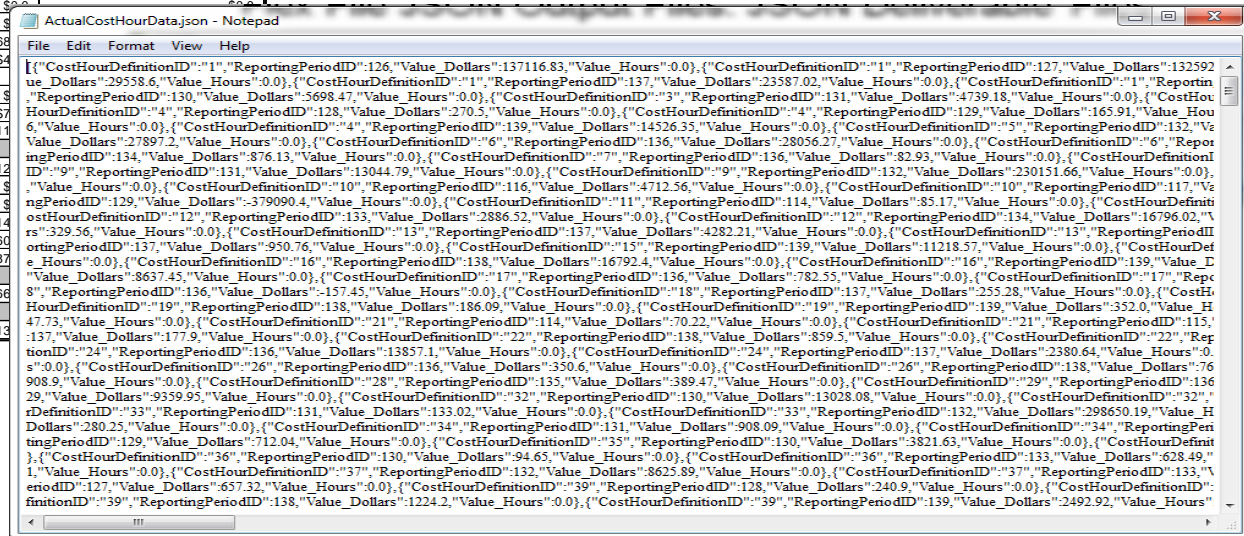
Comparing CCDR Legacy vs FlexFile: *Deliverables*



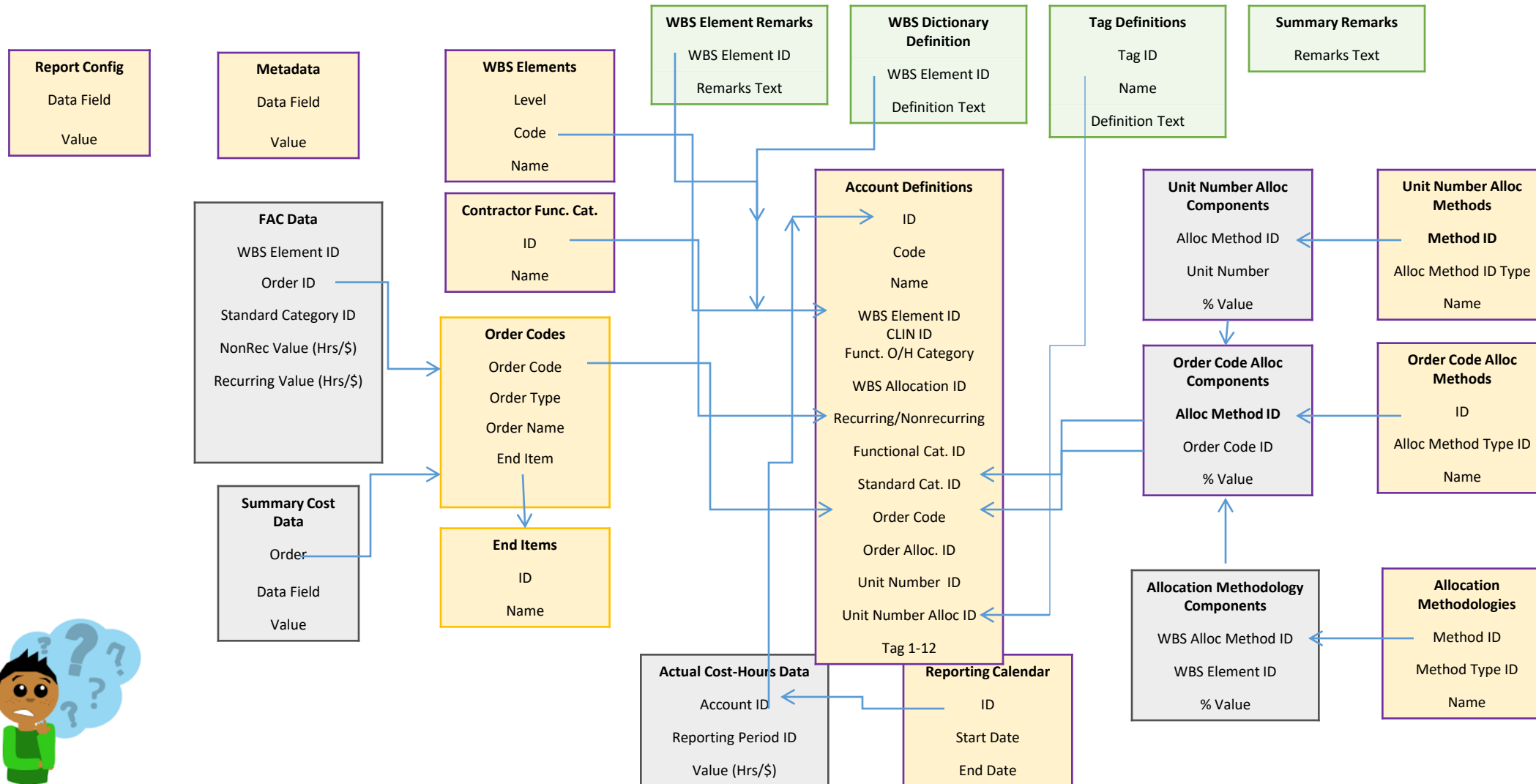
Legacy: From this.....

FUNCTIONAL DATA ELEMENTS	COSTS AND HOURS INCURRED TO DATE (thousands of U.S. Dollars or thousands of hours)			COSTS AND HOURS INCURRED AT COMPLETION (thousands of U.S. Dollars or thousands of hours)		
	A. NONRECURRING	B. RECURRING	C. TOTAL	D. NONRECURRING	E. RECURRING	F. TOTAL
ENGINEERING						
(1) DIRECT ENGINEERING LABOR HOURS	127,846.3	96,396.9	224,243.1	214,312.2	235,981.6	450,293.8
(2) DIRECT ENGINEERING LABOR DOLLARS	\$6,292.1	\$5,222.9	\$11,515.0	\$10,316.6	\$13,231.2	\$23,547.9
(3) ENGINEERING OVERHEAD DOLLARS	\$8,778.1	\$7,146.9	\$15,925.0	\$14,921.3	\$18,255.7	\$33,177.0
(4) TOTAL ENGINEERING DOLLARS	\$15,070.1	\$12,369.8	\$27,440.0	\$25,237.9	\$31,487.0	\$56,724.9
MANUFACTURING OPERATIONS						
(5) DIRECT TOOLING LABOR HOURS	0.0	0.0	0.0	0.0	0.0	0.0
(6) DIRECT TOOLING LABOR DOLLARS	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(7) DIRECT TOOLING & EQUIPMENT DOLLARS	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(8) DIRECT QUALITY CONTROL LABOR HOURS	773.8	0.0	773.8	2,903.0	68.0	3,000.0
(9) DIRECT QUALITY CONTROL LABOR DOLLARS	\$41.8	\$0.0	\$41.8	\$166.9	\$4.0	\$171.8
(10) DIRECT MANUFACTURING LABOR HOURS	1,484.5	0.0	1,484.5	2,514.0	0.0	2,514.0
(11) DIRECT MANUFACTURING LABOR DOLLARS	\$93.2	\$0.0	\$93.2	\$148.5	\$0.0	\$148.5
(12) MANUFACTURING OPERATIONS OVERHEAD DOLLARS (Including Tooling and Quality Control)	\$171.2	\$0.0	\$171.2	\$432.4	\$7.0	\$439.4
(13) TOTAL MANUFACTURING OPERATIONS DOLLARS (Sum of rows 6, 7, 9, 11, and 12)	\$306.1	\$0.0	\$306.1	\$747.8	\$11.0	\$758.8
MATERIALS						
(14) RAW MATERIAL DOLLARS	\$19,803.3	\$1,727.8	\$21,531.1	\$36,608.1	\$2,128.0	\$38,736.1
(15) PURCHASED PARTS DOLLARS	\$61.8	\$0.0	\$61.8	\$116.9	\$0.0	\$116.9
(16) PURCHASED EQUIPMENT DOLLARS	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(17) MATERIAL HANDLING OVERHEAD DOLLARS	\$97.0	\$14.7	\$111.7	\$534.1	\$14.0	\$548.1
(18) TOTAL DIRECT-REPORTING SUBCONTRACTOR DOLLARS	\$0.0	\$88.8	\$88.8	\$0.0	\$60.0	\$60.0
(19) TOTAL MATERIAL DOLLARS	\$19,962.1	\$1,831.3	\$21,793.4	\$37,259.1	\$2,802.0	\$40,061.1
OTHER COSTS						
(20) OTHER COSTS NOT SHOWN ELSEWHERE (Specify in Remarks)	\$298.8	\$427.7	\$726.4	\$2,193.7	\$1,660.0	\$3,853.9
SUMMARY						
(21) TOTAL COST (Direct and Overhead)	\$35,637.1	\$14,628.8	\$50,265.9	\$65,438.5	\$36,130.0	\$101,568.5

FlexFile: To This.....



“Simplified” FlexFile DEI Schematic



FlexFile CCDR: *New Challenges*

Challenges Contractors Face :

- Support required from IT Organization
- No vehicle to perform required mappings
- No vehicle to create required data structures
- No vehicle to define allocation methodologies
- No vehicle to *reconcile data to source system*
- No vehicle to perform internal data validation checks
- No vehicle to consolidate contracts
- No user-friendly Flex File analysis reports
- No way to read JSON data in human readable format



FlexFile Challenges: *Data Mining & Consolidation*



Where does the necessary data reside?
Are Actuals & ETC aligned in WBS structure?

Can you retrieve everything from your EVMS application?



Or, will it require accessing multiple Data Sources? Multiple EVMS Systems?

Are you required to **consolidate** multiple contracts/ Projects/CLINS/Task Orders into one consolidated contract that must be mapped to the DD2794 WBS structure?



- [illegible]

- | Import JSON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------|-----------|--------------|-----------|---------------------------|----------------------|------------------------------|--------------------|----------------------------|----------------|--------------------|-------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|---------------|-------------|
| Go To Sheet: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OrderOrLotID | CLIN_ID | EndItemID | WBSElementID | AccountID | NonrecurringOrRecurringID | FunctionalCategoryID | FunctionalOverheadCategoryID | StandardCategoryID | DetailedStandardCategoryID | UnitOrSublotID | AllocationMethodID | ReportingPeriodID | Tag1 | Tag2 | Tag3 | Tag4 | Tag5 | Tag6 | Tag7 | Tag8 | Tag9 | Tag10 | Tag11 | Tag12 | Tag13 | Tag14 | Tag15 | Tag16 | Tag17 | Tag18 | Tag19 | Tag20 | Tag21 | Tag22 | Tag23 | Tag24 | Tag25 | Value_Dollars | Value_Hours |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0000 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 15,9600 | 0.2420 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0001 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 3,847,8200 | 72.8500 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0003 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 1,5400 | 0.0220 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0005 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 2,7400 | 0.0620 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0034 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 131,8000 | 2.5820 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0100 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 288,0200 | 5.6120 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0120 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 79,1000 | 1.5400 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0121 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | -4,1400 | -0.1000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0151 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | -0,8200 | -0.0160 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | CC0154 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 63,9000 | 1.3700 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00000 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 124,713,5400 | 1,921,0000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00001 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 99,505,1200 | 1,883,6000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00003 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 1,260,3600 | 17,5000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00100 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 1,386,3200 | 27,0000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00120 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 2,180,5600 | 42,5000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00190 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | | | | | | | | | | | | | | | | | | | | | | | | 25,7000 | 0,5000 | |
| 002 | | | | 1.01.01.2 | NONRECURRING | D00002 | ENG00H | | DIRECT_ENGINEERING_LABOR | 1 | 31 | TPR | | </ | | | | | | | | | | | | | | | | | | | | | | | | | |

Option #1 – Make In-House



Contractor uses own IT Solution to produce required submittals

- Design/Development Cost
- QA Cost (IT and Finance)
- Implementation/Training Cost
- Recurring IT Support Cost
- Learning Curve Trial & Error
- Rejected Submittals adds to Cost
- Knowledge base subject to:
 - obsolete custom programs (e.g. Excel Macros)
 - key personnel departures



Option #2 - Buy



Contractor uses Third Party Solution

- Most Cost Effective Solution
- Leverage Core Competency
- Best Fit for Intermittent Submittals
- Aligned with changing requirements
- Responsive to customer's needs



**Optimal
Solution:
12-18 months**

Contractor converts/normalizes file
into **database format (JSON)** for CADE
ingestion

1. CADE Developed Tool
2. Internally Developed Tool
3. **Third Party Tool (optimal)**

(excerpt from CADE presentation)

Option #3 – Manually Populate CADE Excel Workbooks (cPet)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Actual Cost-Hour Data																			
2	Order or Lot ID	CLIN ID	End Item ID	WBS Element ID	Account ID	Nonrecurring or Recurring ID	Functional Category ID	Overhead Category ID	Standard Category ID	Detailed Standard Category ID	Unit or Sublot ID	Allocation Method ID	Reporting Period ID	Tag1	Tag2	Tag3	Tag4	Tag5	Tag6	Tag7
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				



2.2.13 ActualCostHourData			
Table	ActualCostHourData		
Entity	ActualCostHourDatum		
Fields	Name	Data Type	Nullable
	OrderOrLotID	StringID	Conditional
	CLIN_ID	StringID	No
	EndItemID	StringID	Conditional
	WBSElementID	StringID	Conditional
	AccountID	StringID	No
	NonrecurringOrRecurringID	StringID	No
	FunctionalCategoryID	StringID	No
	FunctionalOverheadCategoryID	StringID	No
	StandardCategoryID	StringID	Conditional
	DetailedStandardCategoryID	StringID	Conditional
	UnitOrSublotID	StringID	Conditional
	AllocationMethodID	StringID	Conditional
	ReportingPeriodID	Integer	No
	Tag1	String	Yes
	Tag2	String	Yes
	Tag3	String	Yes
	Tag4	String	Yes
	Tag5	String	Yes
	Tag6	String	Yes
	Tag7	String	Yes
	Tag8	String	Yes
	Tag9	String	Yes
	Tag10	String	Yes
	Tag11	String	Yes
	Tag12	String	Yes
	Tag13	String	Yes
	Tag14	String	Yes
	Tag15	String	Yes
	Tag16	String	Yes
	Tag17	String	Yes
	Tag18	String	Yes
	Tag19	String	Yes
	Tag20	String	Yes
	Tag21	String	Yes
	Tag22	String	Yes
	Tag23	String	Yes
	Tag24	String	Yes
	Tag25	String	Yes
	Value_Dollars	Decimal	Yes
	Value_Hours	Decimal	Yes
Primary Key	[N/A]		

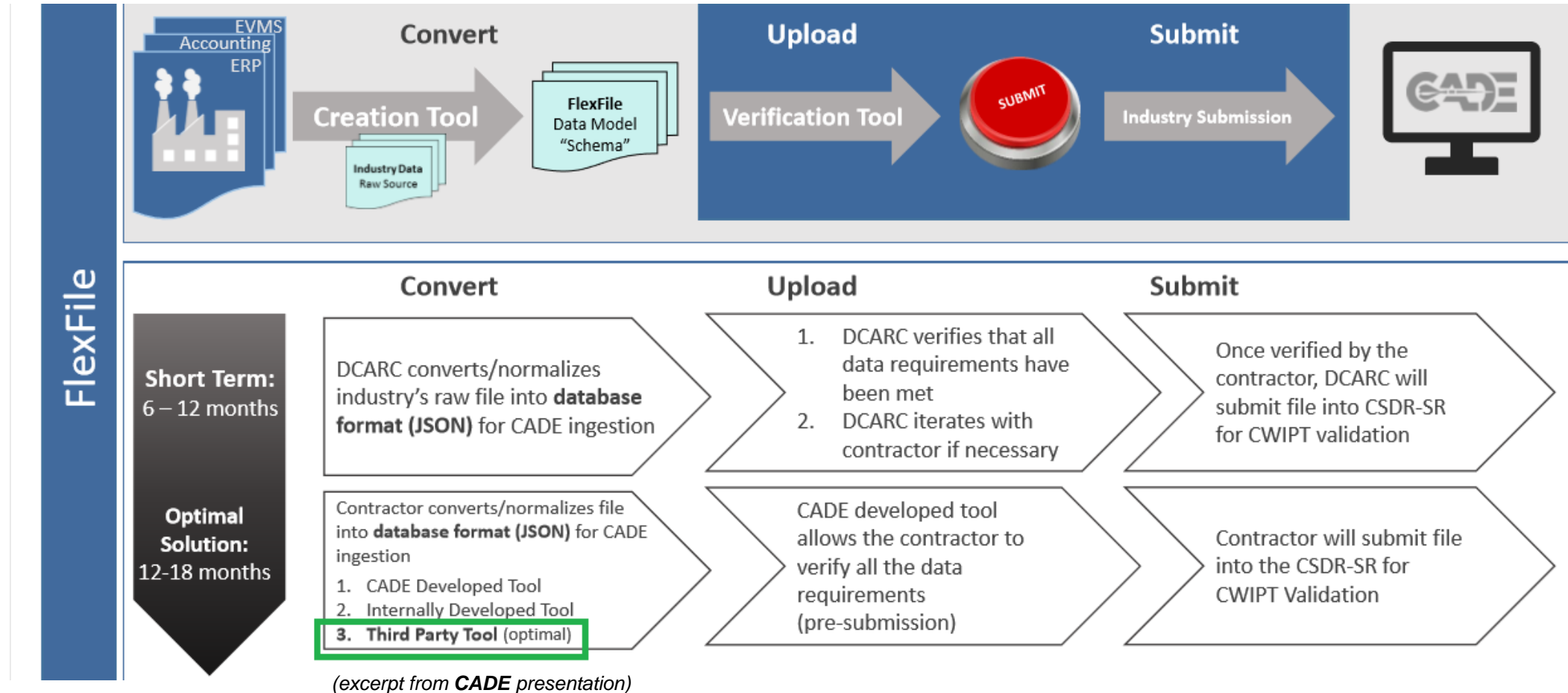
Foreign Keys	OrderOrLotID: OrderOrLotID() CLIN_ID: CLIN(ID) EndItemID: EndItem(ID) WBSElementID: WBSElement(ID) AccountID: Account(ID) NonrecurringOrRecurringID: NonrecurringOrRecurringEnum(ID) FunctionalCategoryID: FunctionalCategory(ID) FunctionalOverheadCategoryID: FunctionalOverheadCategory(ID) StandardCategoryID: StandardCategoryEnum(ID) DetailedStandardCategoryID: DetailedStandardCategoryEnum(ID) UnitOrSublotID: UnitOrSublotID() AllocationMethodID: AllocationMethodID() ReportingPeriodID: ReportingPeriodID()
Use Constraints	<p>If AllocationMethodID is not null, then OrderOrLotID, EndItemID, WBSElementID, and UnitOrSublotID must all be null.</p> <p>If AllocationMethodID is null, then WBSElementID must not be null. If not null, WBSElementID must refer to an element with no child elements (i.e. a terminal or leaf node in the hierarchical structure).</p> <p>If AllocationMethodID is null and UnitOrSublotID is not null, then OrderOrLotID and EndItemID must both be null.</p> <p>If AllocationMethodID is null and UnitOrSublotID is null, then OrderOrLotID and EndItemID must both be null.</p> <p>Some constraints for this table depend on field values reported in ReportConfiguration:</p> <p>If DetailedStandardCategory has a value of true, DetailedStandardCategoryID must not be null and StandardCategoryID must be null; otherwise, StandardCategoryID must not be null and DetailedStandardCategoryID must be null.</p> <p>ReportingPeriodID must have a value that is less than or equal to the value of ReportingPeriodID in ReportMetadata.</p> <p>If omitted, Value_Dollars and Value_Hours each have a default value of zero.</p>

Contractor manually populates CADE Workbooks

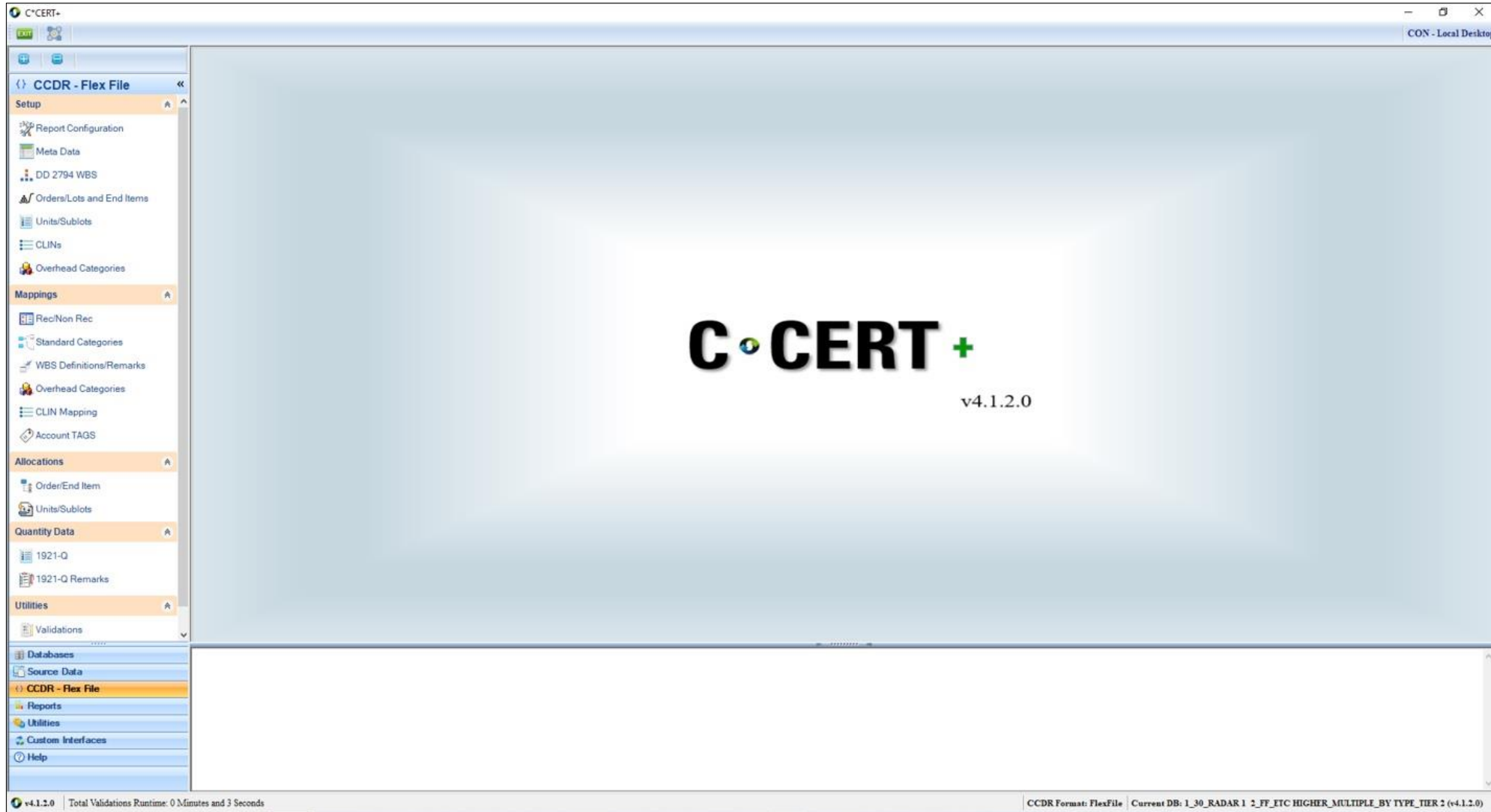
- Can I translate these File Spec requirements accurately?
- Actuals are by period! There are over 1M records and and growing? Excel can only handle 1,048,576 rows? How can I feasibly manually populate so many rows?
- This will take several people working full time for weeks trying to pull all this data together!
- How can I validate the data entered is compliant?
- The risk of human error and rejected submittals is likely!

Why C*CERT+?

- The only autonomous 3rd Party Software Solution for *automating, validating & analyzing* FlexFile JSON Reporting Requirements:



C*CERT+ Flex File Solution





Managed as separate projects in EVMS

CLIN 0001

- Calendar.txt
- WBS.txt
- Actuals.txt
- ETC.txt

CLIN 0002

- WBS.txt
- Actuals.txt
- ETC.txt

CLIN 0003

- WBS.txt
- Actuals.txt
- ETC.txt

Import into C*CERT+

C*CERT+ Performs Contract Consolidation(Optional)

Run Source/Consolidated Data Reports

FlexFile Setup & Report Config.

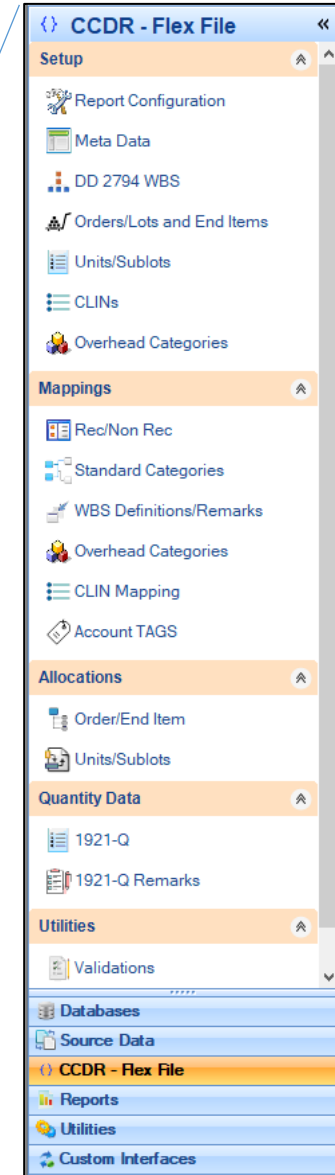
FlexFile Mappings & Allocations

Run FlexFile Validations

Run FlexFile Analysis Reports

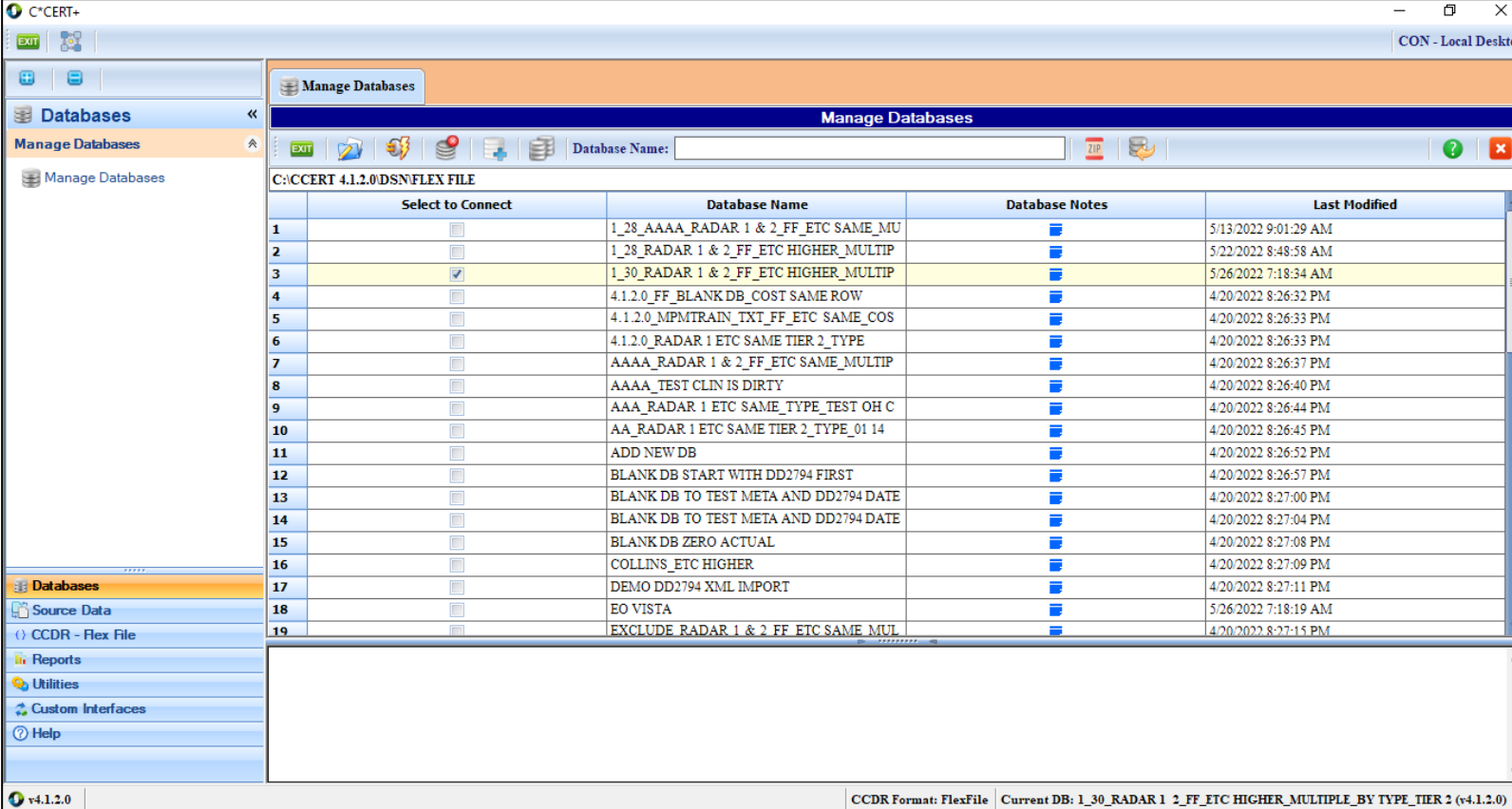
Generate JSON Files

C*CERT+



C*CERT+ Flex File Solution

Database Management: 



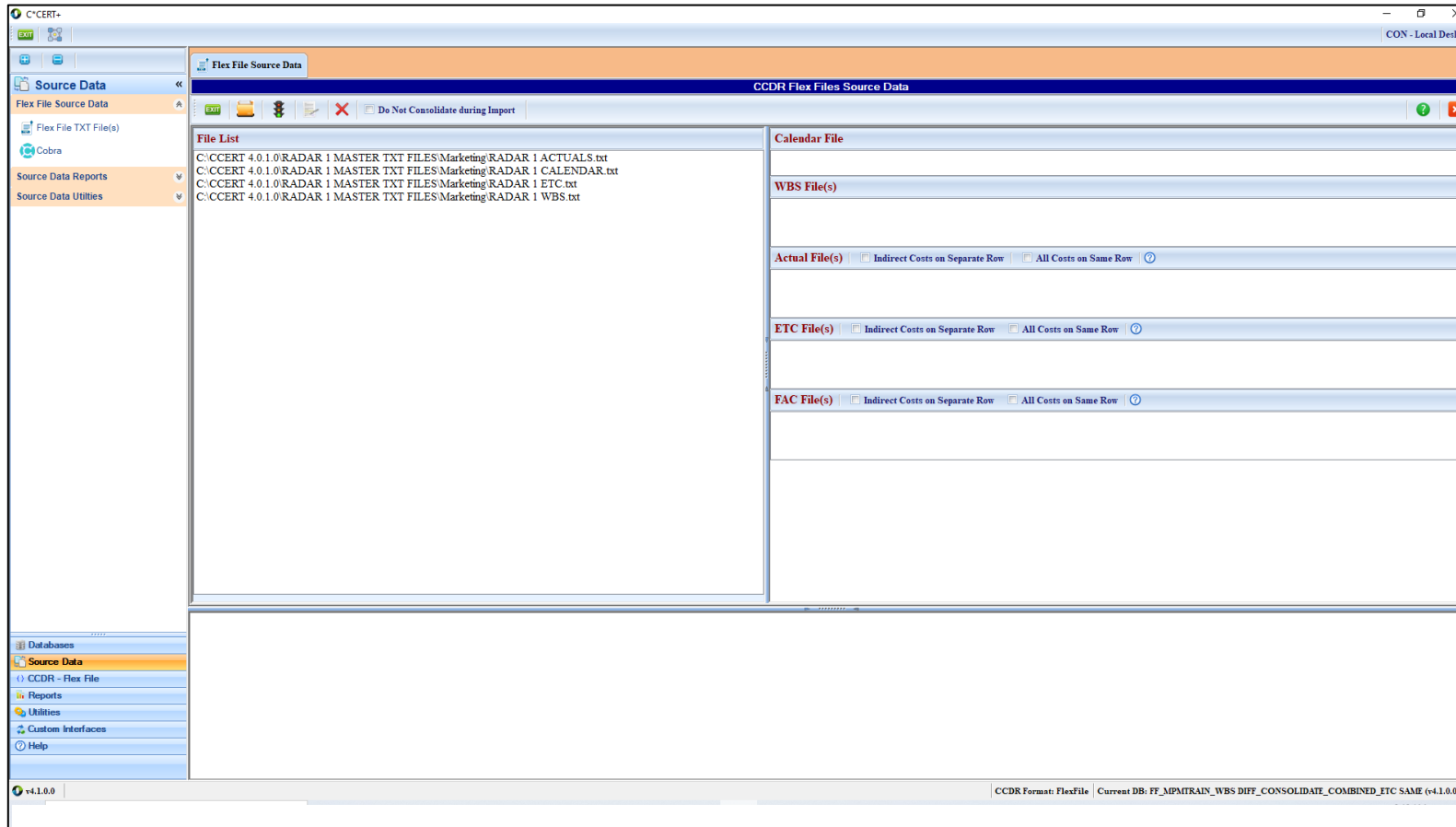
The screenshot shows the 'Manage Databases' window in the C*CERT+ application. The window has a title bar 'C*CERT+' and a menu bar with 'EXIT' and 'CON - Local Desktop'. Below the menu bar is a toolbar with icons for 'EXIT', 'New', 'Open', 'Save', 'Print', 'Refresh', 'Database Name', 'Zip', and 'Help'. The main area is a table titled 'C:\CCERT 4.1.2.0\DSN\FLEX FILE' with columns: 'Select to Connect', 'Database Name', 'Database Notes', and 'Last Modified'. The table lists 19 databases, with the third row highlighted in yellow. The status bar at the bottom shows 'v4.1.2.0', 'CCDR Format: FlexFile', and 'Current DB: 1_30_RADAR 1 2_FF_ETC HIGHER_MULTIPLE_BY TYPE_TIER 2 (v4.1.2.0)'.

	Select to Connect	Database Name	Database Notes	Last Modified
1	<input type="checkbox"/>	1_28_AAAA_RADAR 1 & 2_FF_ETC SAME_MU		5/13/2022 9:01:29 AM
2	<input type="checkbox"/>	1_28_RADAR 1 & 2_FF_ETC HIGHER_MULTIP		5/22/2022 8:48:58 AM
3	<input checked="" type="checkbox"/>	1_30_RADAR 1 & 2_FF_ETC HIGHER_MULTIP		5/26/2022 7:18:34 AM
4	<input type="checkbox"/>	4.1.2.0_FF_BLANK DB_COST SAME ROW		4/20/2022 8:26:32 PM
5	<input type="checkbox"/>	4.1.2.0_MPMTRAIN_TXT_FF_ETC SAME_COS		4/20/2022 8:26:33 PM
6	<input type="checkbox"/>	4.1.2.0_RADAR 1 ETC SAME TIER 2_TYPE		4/20/2022 8:26:33 PM
7	<input type="checkbox"/>	AAAA_RADAR 1 & 2_FF_ETC SAME_MULTIP		4/20/2022 8:26:37 PM
8	<input type="checkbox"/>	AAAA_TEST CLIN IS DIRTY		4/20/2022 8:26:40 PM
9	<input type="checkbox"/>	AAA_RADAR 1 ETC SAME_TYPE_TEST OH C		4/20/2022 8:26:44 PM
10	<input type="checkbox"/>	AA_RADAR 1 ETC SAME TIER 2_TYPE_01 14		4/20/2022 8:26:45 PM
11	<input type="checkbox"/>	ADD NEW DB		4/20/2022 8:26:52 PM
12	<input type="checkbox"/>	BLANK DB START WITH DD2794 FIRST		4/20/2022 8:26:57 PM
13	<input type="checkbox"/>	BLANK DB TO TEST META AND DD2794 DATE		4/20/2022 8:27:00 PM
14	<input type="checkbox"/>	BLANK DB TO TEST META AND DD2794 DATE		4/20/2022 8:27:04 PM
15	<input type="checkbox"/>	BLANK DB ZERO ACTUAL		4/20/2022 8:27:08 PM
16	<input type="checkbox"/>	COLLINS_ETC HIGHER		4/20/2022 8:27:09 PM
17	<input type="checkbox"/>	DEMO DD2794 XML IMPORT		4/20/2022 8:27:11 PM
18	<input type="checkbox"/>	EO VISTA		5/26/2022 7:18:19 AM
19	<input type="checkbox"/>	EXCLUDE RADAR 1 & 2_FF_ETC SAME_MUL		4/20/2022 8:27:15 PM

- Unlimited number of databases
- Copy one db to create another
- Create new db from scratch
- Archive/Restore db for backup/retrieval

C*CERT+ Flex File Solution

Source Data Import: 

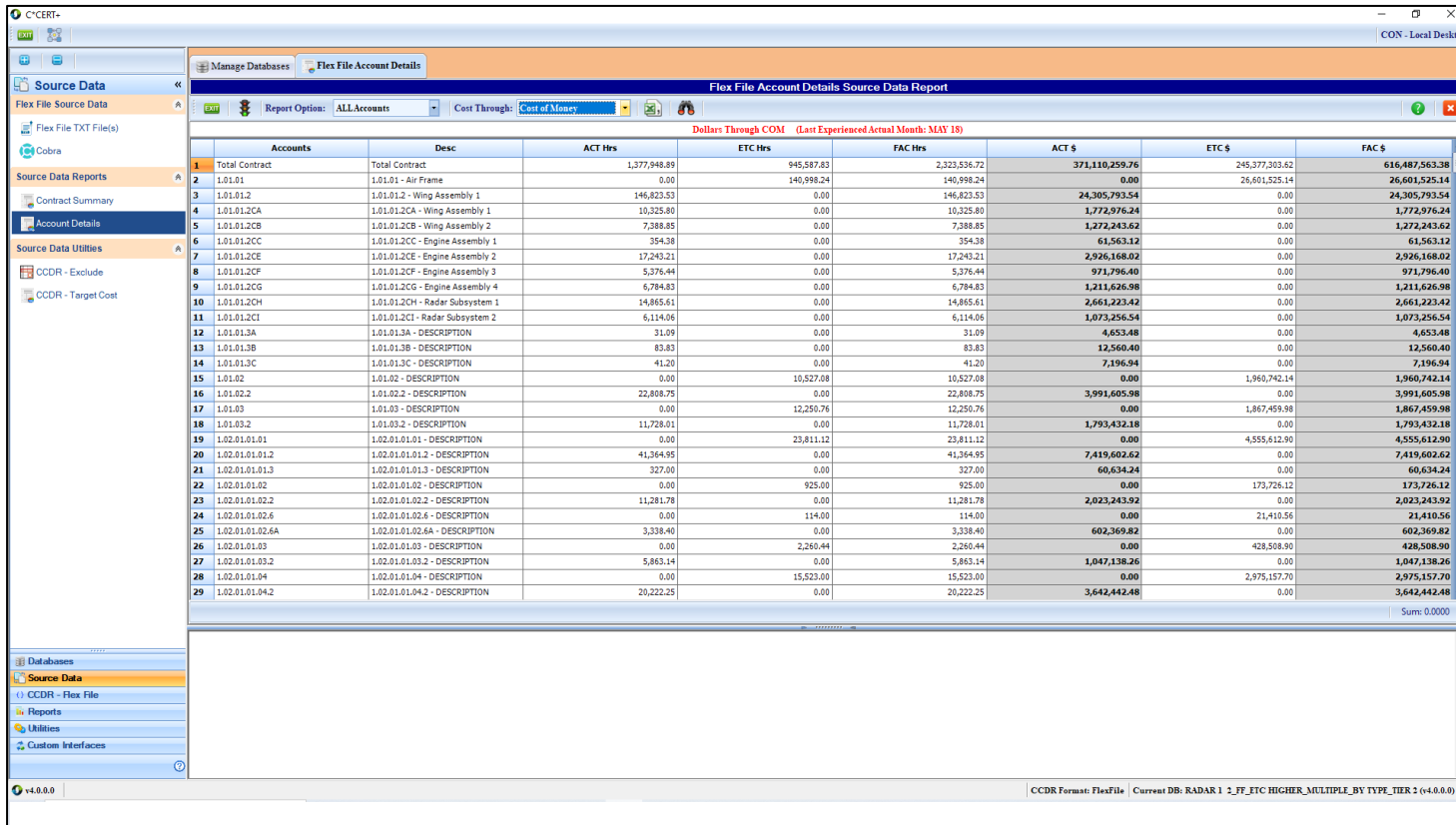


- Simply import four generic, tab delimited .txt files easily output from your Accounting and/or EVM Systems:
 - Calendar
 - WBS
 - Actuals
 - ETC/FAC
- Option to consolidate multiple program data (default) or not
- Actuals/ETC Hours, Prime, O/H, G&A & COM may exist on one row in .txt or each on a separate row

➤ See Addendum A: COBRA Direct Read Only Interface

C*CERT+ Flex File Solution

Source Data Reports:

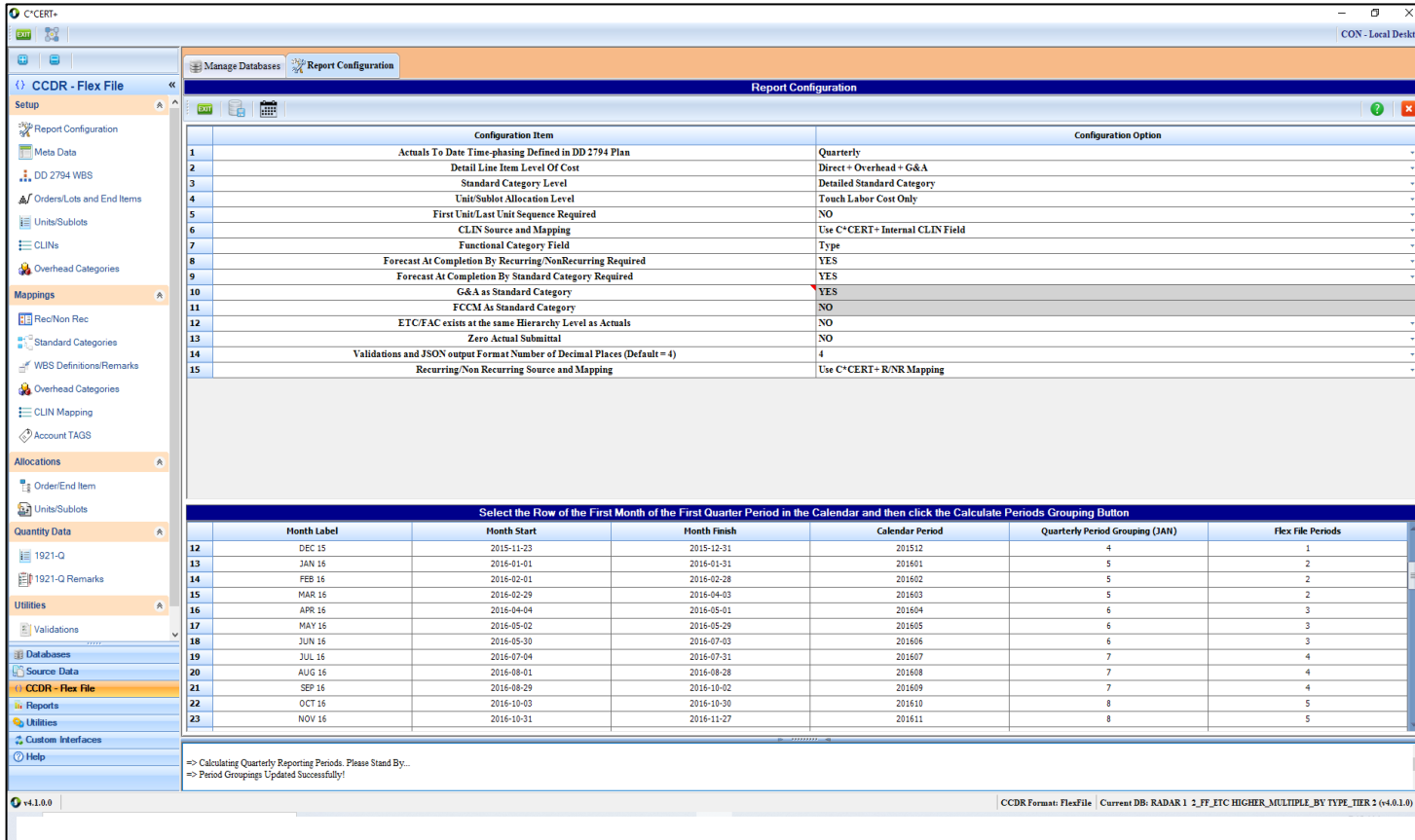


Accounts	Desc	ACT Hrs	ETC Hrs	FAC Hrs	ACT \$	ETC \$	FAC \$
1	Total Contract	1,377,948.89	945,587.83	2,323,536.72	371,110,259.76	245,377,303.62	616,487,563.38
2	1.01.01	0.00	140,998.24	140,998.24	0.00	26,601,525.14	26,601,525.14
3	1.01.01.2	0.00	146,823.53	146,823.53	24,305,793.54	0.00	24,305,793.54
4	1.01.01.2CA	0.00	10,325.80	10,325.80	1,772,976.24	0.00	1,772,976.24
5	1.01.01.2CB	0.00	7,388.85	7,388.85	1,272,243.62	0.00	1,272,243.62
6	1.01.01.2CC	0.00	354.38	354.38	61,563.12	0.00	61,563.12
7	1.01.01.2CE	0.00	17,243.21	17,243.21	2,926,168.02	0.00	2,926,168.02
8	1.01.01.2CF	0.00	5,376.44	5,376.44	971,796.40	0.00	971,796.40
9	1.01.01.2CG	0.00	6,784.83	6,784.83	1,211,626.98	0.00	1,211,626.98
10	1.01.01.2CH	0.00	14,865.61	14,865.61	2,661,223.42	0.00	2,661,223.42
11	1.01.01.2CI	0.00	6,114.06	6,114.06	1,073,256.54	0.00	1,073,256.54
12	1.01.01.3A	0.00	31.09	31.09	4,653.48	0.00	4,653.48
13	1.01.01.3B	0.00	83.83	83.83	12,560.40	0.00	12,560.40
14	1.01.01.3C	0.00	41.20	41.20	7,196.94	0.00	7,196.94
15	1.01.02	0.00	10,527.08	10,527.08	0.00	1,960,742.14	1,960,742.14
16	1.01.02.2	0.00	22,808.75	22,808.75	3,991,605.98	0.00	3,991,605.98
17	1.01.03	0.00	12,250.76	12,250.76	0.00	1,867,459.98	1,867,459.98
18	1.01.03.2	0.00	11,728.01	11,728.01	1,793,432.18	0.00	1,793,432.18
19	1.02.01.01.01	0.00	23,811.12	23,811.12	0.00	4,555,612.90	4,555,612.90
20	1.02.01.01.01.2	0.00	41,364.95	41,364.95	7,419,602.62	0.00	7,419,602.62
21	1.02.01.01.01.3	0.00	327.00	327.00	60,634.24	0.00	60,634.24
22	1.02.01.01.02	0.00	925.00	925.00	0.00	173,726.12	173,726.12
23	1.02.01.01.02.2	0.00	11,281.78	11,281.78	2,023,243.92	0.00	2,023,243.92
24	1.02.01.01.02.6	0.00	114.00	114.00	0.00	21,410.56	21,410.56
25	1.02.01.01.02.6A	0.00	3,338.40	3,338.40	602,369.82	0.00	602,369.82
26	1.02.01.01.03	0.00	2,260.44	2,260.44	0.00	428,508.90	428,508.90
27	1.02.01.01.03.2	0.00	5,863.14	5,863.14	1,047,138.26	0.00	1,047,138.26
28	1.02.01.01.04	0.00	15,523.00	15,523.00	0.00	2,975,157.70	2,975,157.70
29	1.02.01.01.04.2	0.00	20,222.25	20,222.25	3,642,442.48	0.00	3,642,442.48

- Reconcile imported data to source system
- Run Contract Summary or Account Details
- Utilize “CCDR Exclude” Utility to exclude one or more accounts from being included in CCDR rollup/reporting

C*CERT+ Flex File Solution

Report Configuration: 



Configuration Item	Configuration Option
1 Actuals To Date Time-phasing Defined in DD 2794 Plan	Quarterly
2 Detail Line Item Level Of Cost	Direct + Overhead + G&A
3 Standard Category Level	Detailed Standard Category
4 Unit/Sublot Allocation Level	Touch Labor Cost Only
5 First Unit/Last Unit Sequence Required	NO
6 CLIN Source and Mapping	Use C*CERT+ Internal CLIN Field
7 Functional Category Field	Type
8 Forecast At Completion By Recurring/NonRecurring Required	YES
9 Forecast At Completion By Standard Category Required	YES
10 G&A as Standard Category	YES
11 FCCM As Standard Category	NO
12 ETC/FAC exists at the same Hierarchy Level as Actuals	NO
13 Zero Actual Submittal	NO
14 Validations and JSON output Format Number of Decimal Places (Default = 4)	4
15 Recurring/Non Recurring Source and Mapping	Use C*CERT+ R/NR Mapping

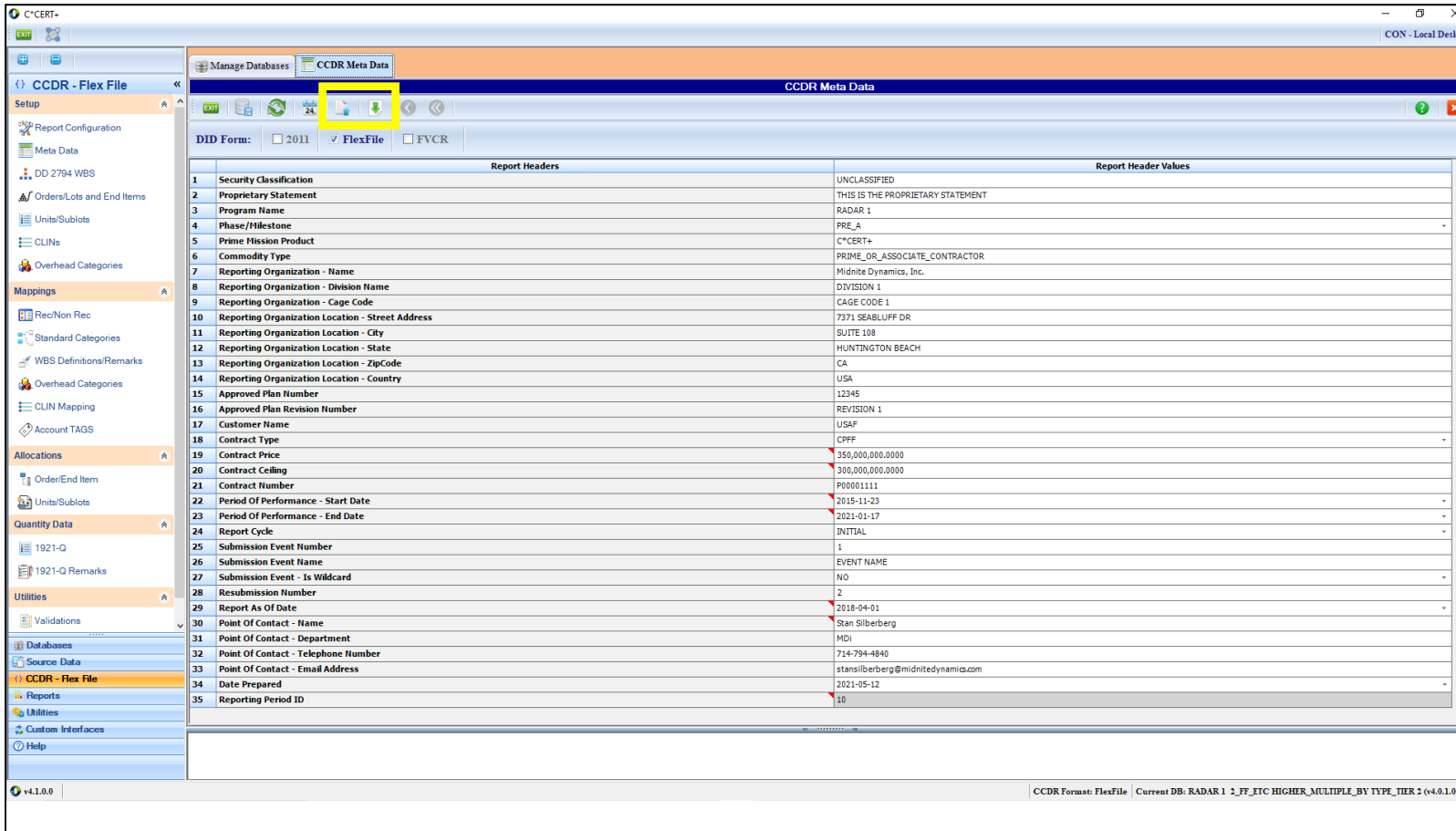
Select the Row of the First Month of the First Quarter Period in the Calendar and then click the Calculate Periods Grouping Button						
	Month Label	Month Start	Month Finish	Calendar Period	Quarterly Period Grouping (JAN)	Flex File Periods
12	DEC 15	2015-11-23	2015-12-31	201512	4	1
13	JAN 16	2016-01-01	2016-01-31	201601	5	2
14	FEB 16	2016-02-01	2016-02-28	201602	5	2
15	MAR 16	2016-02-29	2016-03-03	201603	5	2
16	APR 16	2016-04-04	2016-05-01	201604	6	3
17	MAY 16	2016-05-02	2016-05-29	201605	6	3
18	JUN 16	2016-05-30	2016-07-03	201606	6	3
19	JUL 16	2016-07-04	2016-07-31	201607	7	4
20	AUG 16	2016-08-01	2016-08-28	201608	7	4
21	SEP 16	2016-08-29	2016-10-02	201609	7	4
22	OCT 16	2016-10-03	2016-10-30	201610	8	5
23	NOV 16	2016-10-31	2016-11-27	201611	8	5

- Flexible aggregation of actuals by period:
 - Monthly (default)
 - Quarterly *
 - Bi-annual *
 - Annual *
- * C*CERT+ automatically converts the source calendar periods to the required JSON calendar periods
- Numerous other options available to accommodate DD2794 flow-down requirements

➤ Provides FlexFile configuration settings PLUS additional options to accommodate flexibility and/or customized CDRL

C*CERT+ Flex File Solution

Meta Data: 



CCDR - Flex File

Setup

- Report Configuration
- Meta Data
- DD 2794 WBS
- Orders/Lots and End Items
- Units/Sublots
- CLINs
- Overhead Categories

Mappings

- Rec/Non Rec
- Standard Categories
- WBS Definitions/Remarks
- Overhead Categories
- CLIN Mapping
- Account TAGS

Allocations

- Order/End Item
- Units/Sublots

Quantity Data

- 1921-Q
- 1921-Q Remarks

Utilities

- Validations

Databases

- Source Data
- CCDR - Flex File**
- Reports
- Utilities
- Custom Interfaces
- Help

CCDR Meta Data

DID Form: ☐ 2011 ☒ FlexFile ☐ FVCR

Report Headers	Report Header Values
1 Security Classification	UNCLASSIFIED
2 Proprietary Statement	THIS IS THE PROPRIETARY STATEMENT
3 Program Name	RADAR 1
4 Phase/Milestone	PRE_A
5 Prime Mission Product	C*CERT+
6 Commodity Type	PRIME_OR_ASSOCIATE_CONTRACTOR
7 Reporting Organization - Name	Midnite Dynamics, Inc.
8 Reporting Organization - Division Name	DIVISION 1
9 Reporting Organization - Cage Code	CAGE CODE 1
10 Reporting Organization Location - Street Address	7371 SEABLUFF DR
11 Reporting Organization Location - City	SUITE 108
12 Reporting Organization Location - State	HUNTINGTON BEACH
13 Reporting Organization Location - ZipCode	CA
14 Reporting Organization Location - Country	USA
15 Approved Plan Number	12345
16 Approved Plan Revision Number	REVISION 1
17 Customer Name	USAF
18 Contract Type	CPFF
19 Contract Price	350,000,000.0000
20 Contract Ceiling	300,000,000.0000
21 Contract Number	P00001111
22 Period Of Performance - Start Date	2015-11-23
23 Period Of Performance - End Date	2021-01-17
24 Report Cycle	INITIAL
25 Submission Event Number	1
26 Submission Event Name	EVENT NAME
27 Submission Event - Is Wildcard	NO
28 Resubmission Number	2
29 Report As Of Date	2018-04-01
30 Point Of Contact - Name	Stan Silberberg
31 Point Of Contact - Department	MDI
32 Point Of Contact - Telephone Number	714-794-4840
33 Point Of Contact - Email Address	stansilberberg@midnitedynamics.com
34 Date Prepared	2021-05-12
35 Reporting Period ID	10

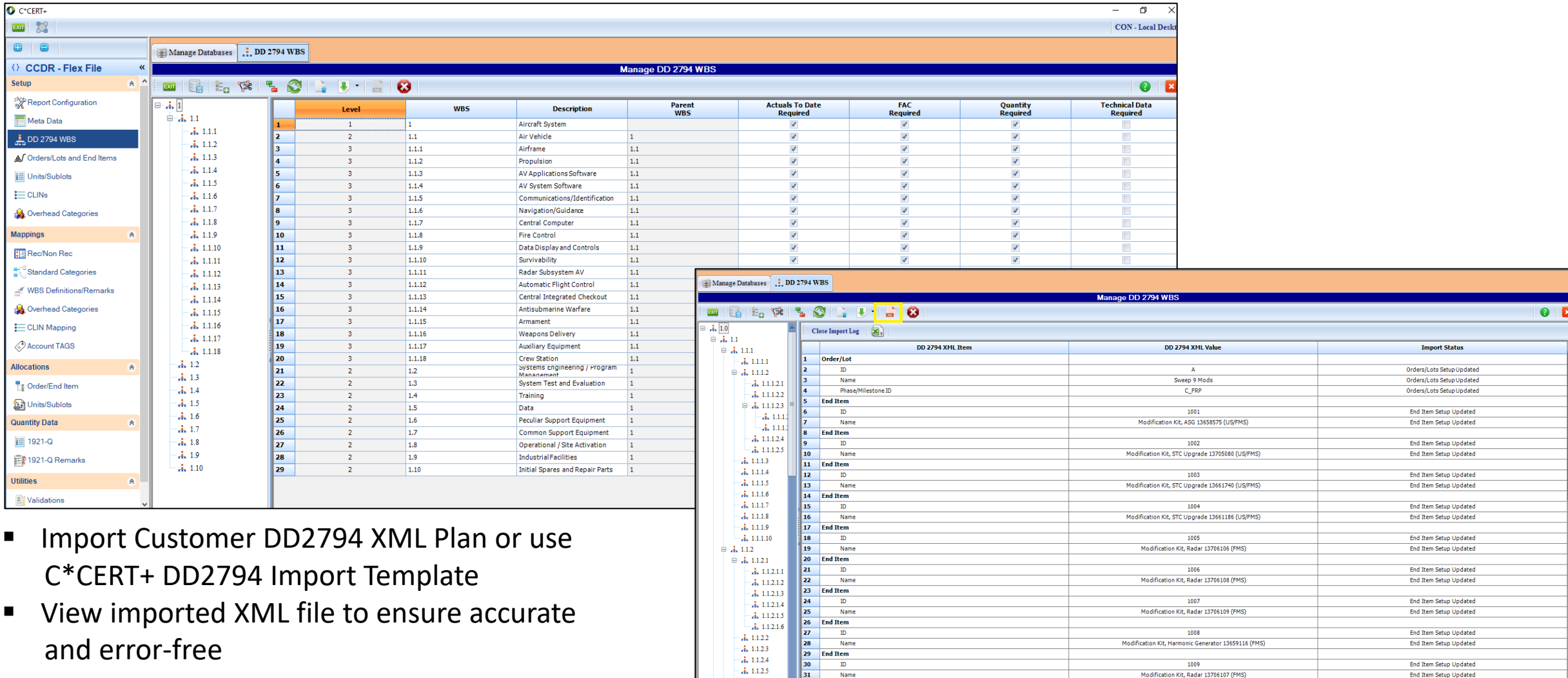
v4.1.0.0 | CCDR Format: FlexFile | Current DB: RADAR 1 2_FF_ETC HIGHER_MULTIPLE_BY TYPE_TIER 2 (v4.0.1.0)



Utilize Export/Import Template options for faster updating!

C*CERT+ Flex File Solution

DD2794 WBS: 



The screenshot displays the C*CERT+ software interface for managing DD 2794 WBS. The main window shows a hierarchical tree of WBS items on the left and a detailed table of WBS data on the right. The table includes columns for Level, WBS, Description, Parent WBS, Actuals To Date Required, FAC Required, Quantity Required, and Technical Data Required. A smaller window in the foreground shows the 'Close Import Log' dialog, which lists imported XML items and their status.

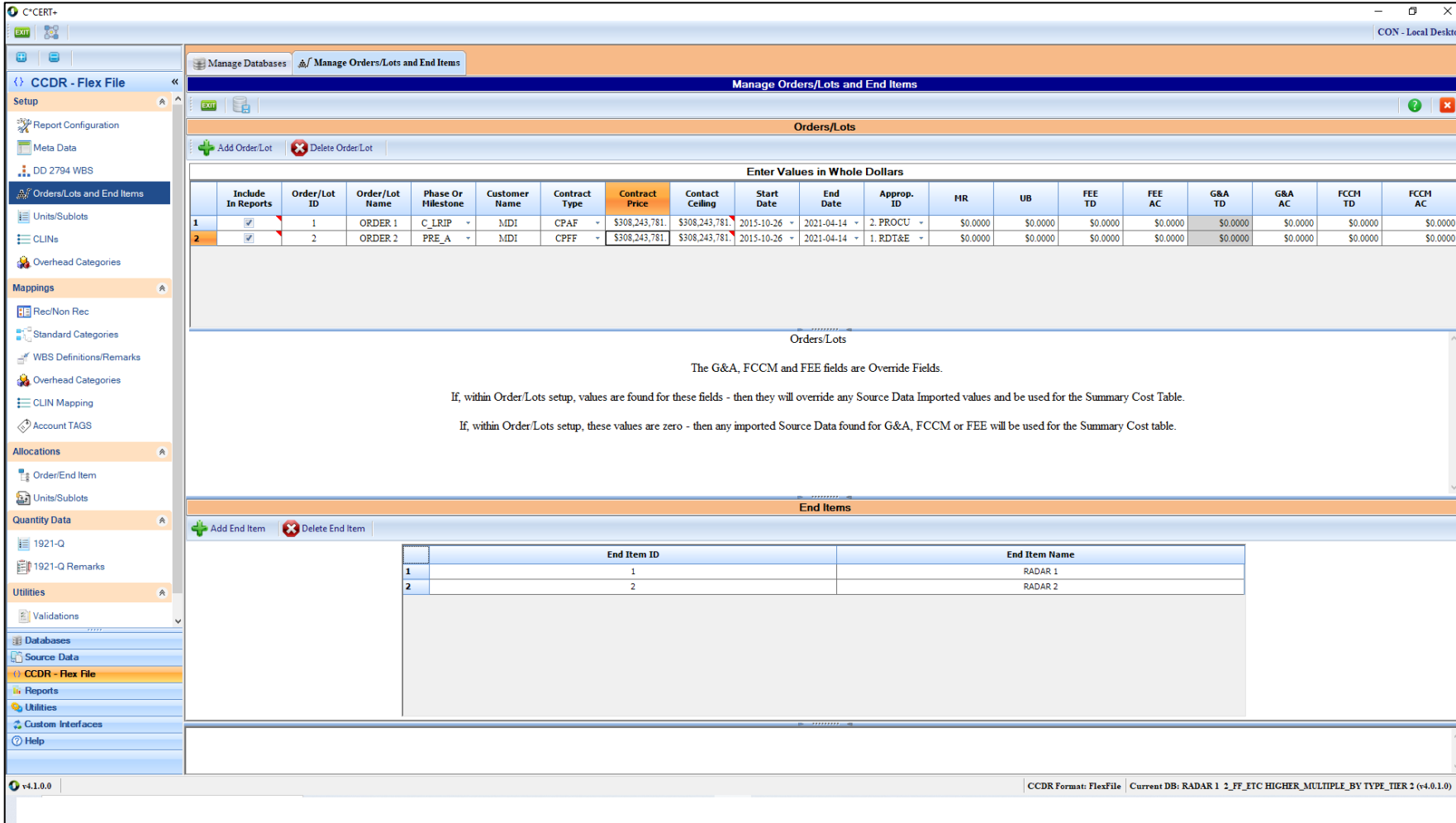
Level	WBS	Description	Parent WBS	Actuals To Date Required	FAC Required	Quantity Required	Technical Data Required
1	1	Aircraft System		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	1.1	Air Vehicle	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	1.1.1	Airframe	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	1.1.2	Propulsion	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	1.1.3	AV Applications Software	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	1.1.4	AV System Software	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	1.1.5	Communications/Identification	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.1.6	Navigation/Guidance	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	1.1.7	Central Computer	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	1.1.8	Fire Control	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	1.1.9	Data Display and Controls	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	1.1.10	Survivability	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	1.1.11	Radar Subsystem AV	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	1.1.12	Automatic Flight Control	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	1.1.13	Central Integrated Checkout	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	1.1.14	Antisubmarine Warfare	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	1.1.15	Armament	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18	1.1.16	Weapons Delivery	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19	1.1.17	Auxiliary Equipment	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	1.1.18	Crew Station	1.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	1.2	Systems Engineering / Program Management	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22	1.3	System Test and Evaluation	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23	1.4	Training	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24	1.5	Data	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25	1.6	Peculiar Support Equipment	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26	1.7	Common Support Equipment	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
27	1.8	Operational / Site Activation	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28	1.9	Industrial Facilities	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29	1.10	Initial Spares and Repair Parts	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DD 2794 XML Item	DD 2794 XML Value	Import Status
1 Order/Lot	A	Orders/Lots Setup Updated
2 ID	Sweep 9 Mods	Orders/Lots Setup Updated
3 Name	C_FRP	Orders/Lots Setup Updated
4 Phase/Milestone ID		
5 End Item		
6 ID	1001	End Item Setup Updated
7 Name	Modification Kit, ASG 13658575 (US/FMS)	End Item Setup Updated
8 End Item		
9 ID	1002	End Item Setup Updated
10 Name	Modification Kit, STC Upgrade 13705080 (US/FMS)	End Item Setup Updated
11 End Item		
12 ID	1003	End Item Setup Updated
13 Name	Modification Kit, STC Upgrade 13661740 (US/FMS)	End Item Setup Updated
14 End Item		
15 ID	1004	End Item Setup Updated
16 Name	Modification Kit, STC Upgrade 13661186 (US/FMS)	End Item Setup Updated
17 End Item		
18 ID	1005	End Item Setup Updated
19 Name	Modification Kit, Radar 13706106 (FMS)	End Item Setup Updated
20 End Item		
21 ID	1006	End Item Setup Updated
22 Name	Modification Kit, Radar 13706108 (FMS)	End Item Setup Updated
23 End Item		
24 ID	1007	End Item Setup Updated
25 Name	Modification Kit, Radar 13706109 (FMS)	End Item Setup Updated
26 End Item		
27 ID	1008	End Item Setup Updated
28 Name	Modification Kit, Harmonic Generator 13659116 (FMS)	End Item Setup Updated
29 End Item		
30 ID	1009	End Item Setup Updated
31 Name	Modification Kit, Radar 13706107 (FMS)	End Item Setup Updated

- Import Customer DD2794 XML Plan or use C*CERT+ DD2794 Import Template
- View imported XML file to ensure accurate and error-free



C*CERT+ Flex File Solution

Orders/Lots & End Items: 



The screenshot displays the C*CERT+ software interface, specifically the 'Manage Orders/Lots and End Items' window. The window is divided into three main sections: 'Orders/Lots', 'Orders/Lots' (with instructions), and 'End Items'.

Orders/Lots Section:

Buttons:  Add Order/Lot  Delete Order/Lot

Enter Values in Whole Dollars

	Include In Reports	Order/Lot ID	Order/Lot Name	Phase Or Milestone	Customer Name	Contract Type	Contract Price	Contract Ceiling	Start Date	End Date	Approp. ID	MR	UB	FEE TD	FEE AC	G&A TD	G&A AC	FCCM TD	FCCM AC
1	<input checked="" type="checkbox"/>	1	ORDER 1	C_LRIP	MDI	CPAF	\$308,243,781.	\$308,243,781.	2015-10-26	2021-04-14	2. PROCU	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2	<input checked="" type="checkbox"/>	2	ORDER 2	PRE_A	MDI	CPFF	\$308,243,781.	\$308,243,781.	2015-10-26	2021-04-14	1. RDT&E	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000



Orders/Lots Section:

The G&A, FCCM and FEE fields are Override Fields.

If, within Order/Lots setup, values are found for these fields - then they will override any Source Data Imported values and be used for the Summary Cost Table.

If, within Order/Lots setup, these values are zero - then any imported Source Data found for G&A, FCCM or FEE will be used for the Summary Cost table.

End Items Section:


Buttons:  Add End Item  Delete End Item

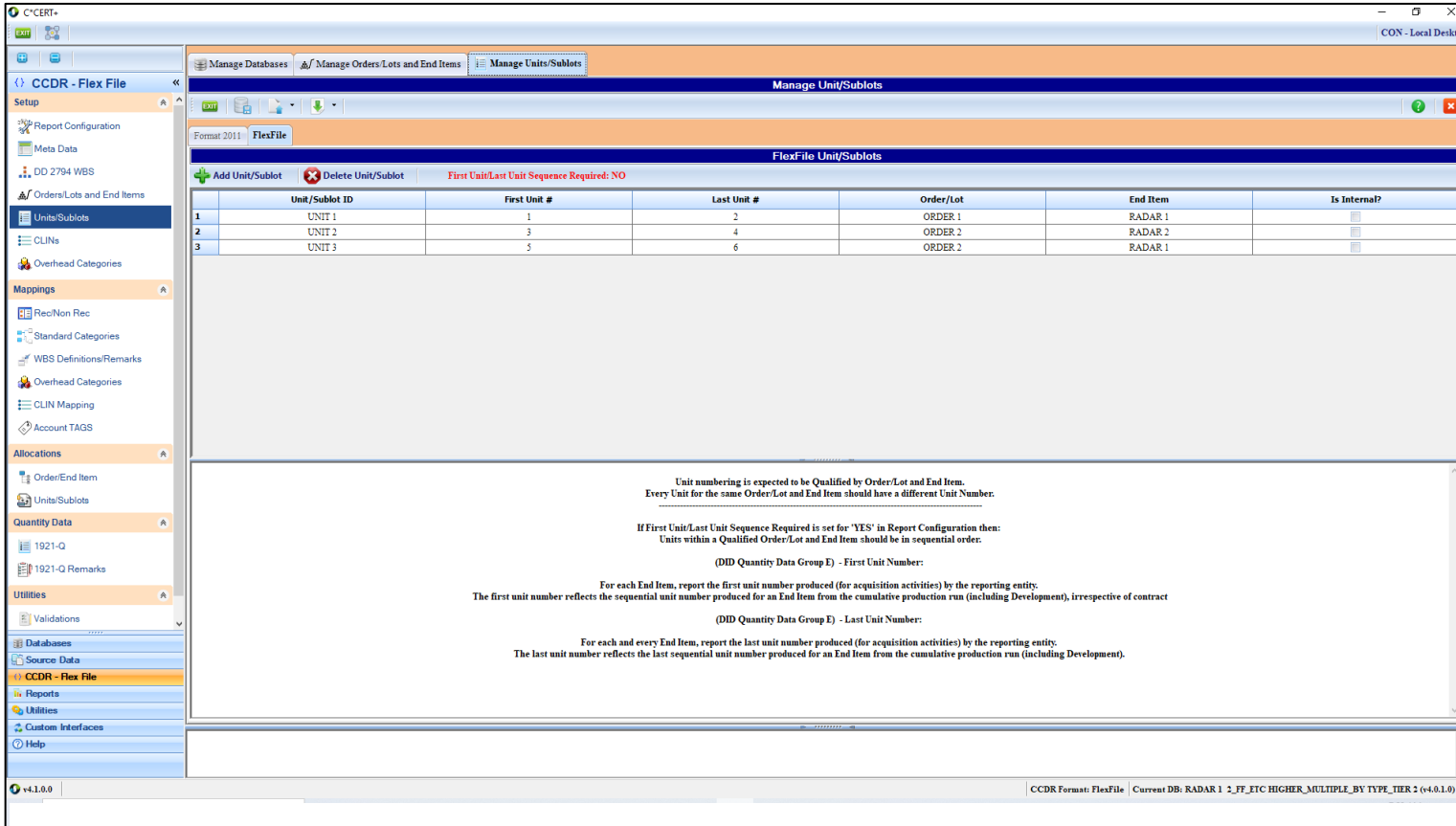
	End Item ID	End Item Name
1	1	RADAR 1
2	2	RADAR 2

Version: v4.1.0.0

CCDR Format: FlexFile | Current DB: RADAR 1 2_FF_ITC HIGHER_MULTIPLE_BY TYPE_TIER 2 (v4.0.1.0)

C*CERT+ Flex File Solution

Units/Sublots: 



Manage Unit/Sublots

Format: 2011 FlexFile

First Unit/Last Unit Sequence Required: NO

	Unit/Sublot ID	First Unit #	Last Unit #	Order/Lot	End Item	Is Internal?
1	UNIT 1	1	2	ORDER 1	RADAR 1	<input type="checkbox"/>
2	UNIT 2	3	4	ORDER 2	RADAR 2	<input type="checkbox"/>
3	UNIT 3	5	6	ORDER 2	RADAR 1	<input type="checkbox"/>

Unit numbering is expected to be Qualified by Order/Lot and End Item.
Every Unit for the same Order/Lot and End Item should have a different Unit Number.

If First Unit/Last Unit Sequence Required is set for 'YES' in Report Configuration then:
Units within a Qualified Order/Lot and End Item should be in sequential order.


(DID Quantity Data Group E) - First Unit Number:
For each End Item, report the first unit number produced (for acquisition activities) by the reporting entity.
The first unit number reflects the sequential unit number produced for an End Item from the cumulative production run (including Development), irrespective of contract.

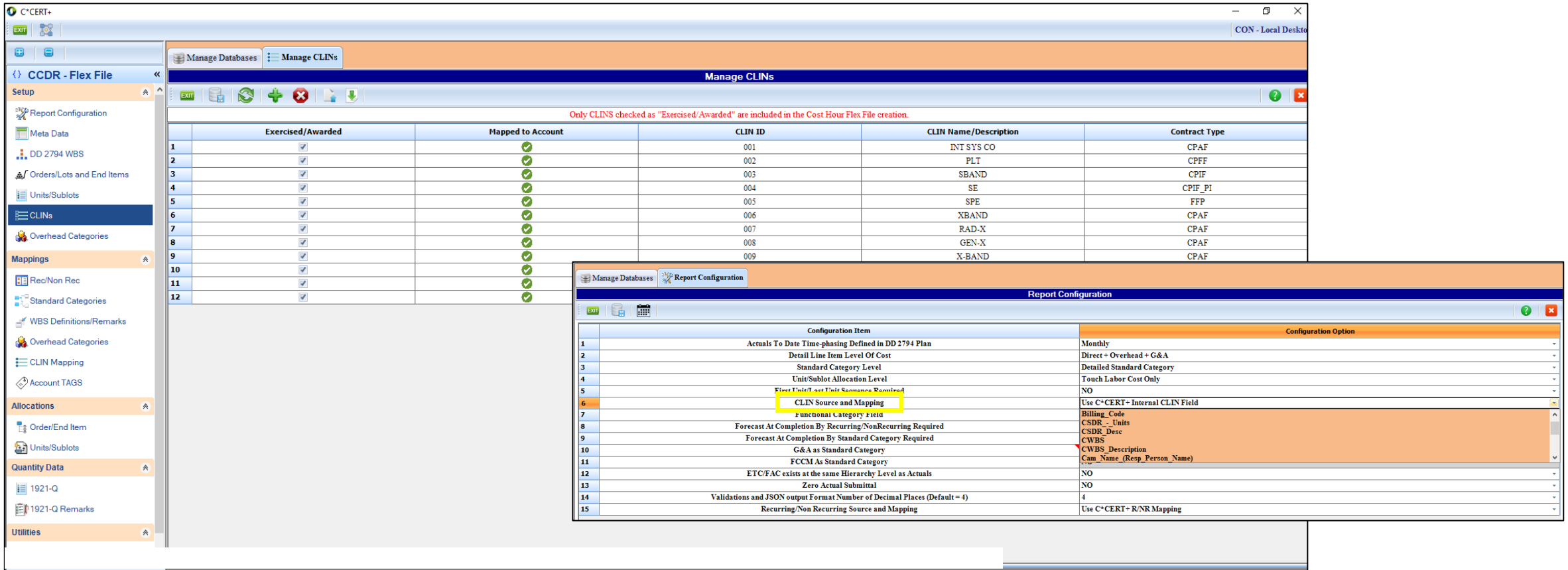
(DID Quantity Data Group E) - Last Unit Number:
For each and every End Item, report the last unit number produced (for acquisition activities) by the reporting entity.
The last unit number reflects the last sequential unit number produced for an End Item from the cumulative production run (including Development).

v4.1.0.0 | C*CERT Format: FlexFile | Current DB: RADAR 1 2_FT_ETC HIGHER_MULTIPLE_BY TYPE_TIER 2 (+4.0.1.0)

- Accommodates enforcement of Unit/Sublot sequencing if required by DD2794 Plan

C*CERT+ Flex File Solution

CLINs: 



The screenshot displays the C*CERT+ software interface. The main window is titled "Manage CLINs" and contains a table with the following columns: "Exercised/Awarded", "Mapped to Account", "CLIN ID", "CLIN Name/Description", and "Contract Type". The table lists 12 CLINs, all of which are checked in the "Exercised/Awarded" column. A red note at the top of the table states: "Only CLINs checked as 'Exercised/Awarded' are included in the Cost Hour Flex File creation."

Overlaid on the bottom right is the "Report Configuration" window, which shows a list of configuration items and their corresponding options. The "CLIN Source and Mapping" option is highlighted in yellow, showing the "Use C*CERT+ Internal CLIN Field" option selected.

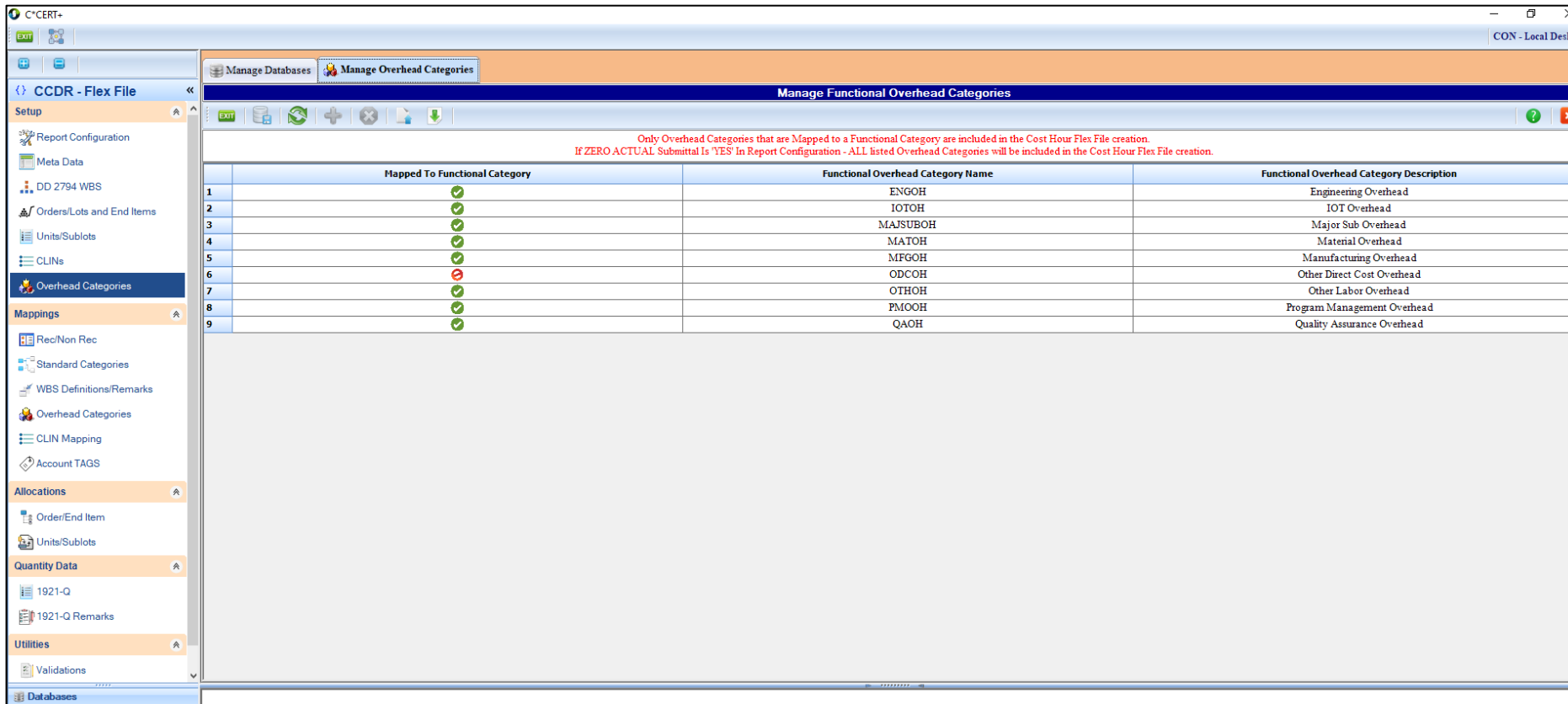
	Exercised/Awarded	Mapped to Account	CLIN ID	CLIN Name/Description	Contract Type
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	001	INT SYS CO	CPAF
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	002	PLT	CPFF
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	003	SBAND	CPIF
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	004	SE	CPIF_PI
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	005	SPE	FFP
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	006	XBAND	CPAF
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	007	RAD-X	CPAF
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	008	GEN-X	CPAF
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	009	X-BAND	CPAF
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

	Configuration Item	Configuration Option
1	Actuals To Date Time-phasing Defined in DD 2794 Plan	Monthly
2	Detail Line Item Level Of Cost	Direct + Overhead + G&A
3	Standard Category Level	Detailed Standard Category
4	Unit/Sublot Allocation Level	Touch Labor Cost Only
5	First Unit/Last Unit Source/Overhead	NO
6	CLIN Source and Mapping	Use C*CERT+ Internal CLIN Field
7	Functional Category Field	Billing Code
8	Forecast At Completion By Recurring/NonRecurring Required	CSDR - Units
9	Forecast At Completion By Standard Category Required	CSDR_Desc
10	G&A as Standard Category	CWBS
11	FCCM As Standard Category	CWBS - Description
12	ETC/FAC exists at the same Hierarchy Level as Actuals	Cam_Name (Resp Person Name)
13	Zero Actual Submittal	NO
14	Validations and JSON output Format Number of Decimal Places (Default = 4)	4
15	Recurring/Non Recurring Source and Mapping	Use C*CERT+ R/NR Mapping

- Use C*CERT+ internal mapping option or;
- Leverage existing mappings from source system as defined under Report Configuration lookup
- Only those CLINs selected as Exercised/Awarded will be included in Flex File submittal
 - ✓ Accommodates unique Gov't program requirements


C*CERT+ Flex File Solution

Overhead Categories: 



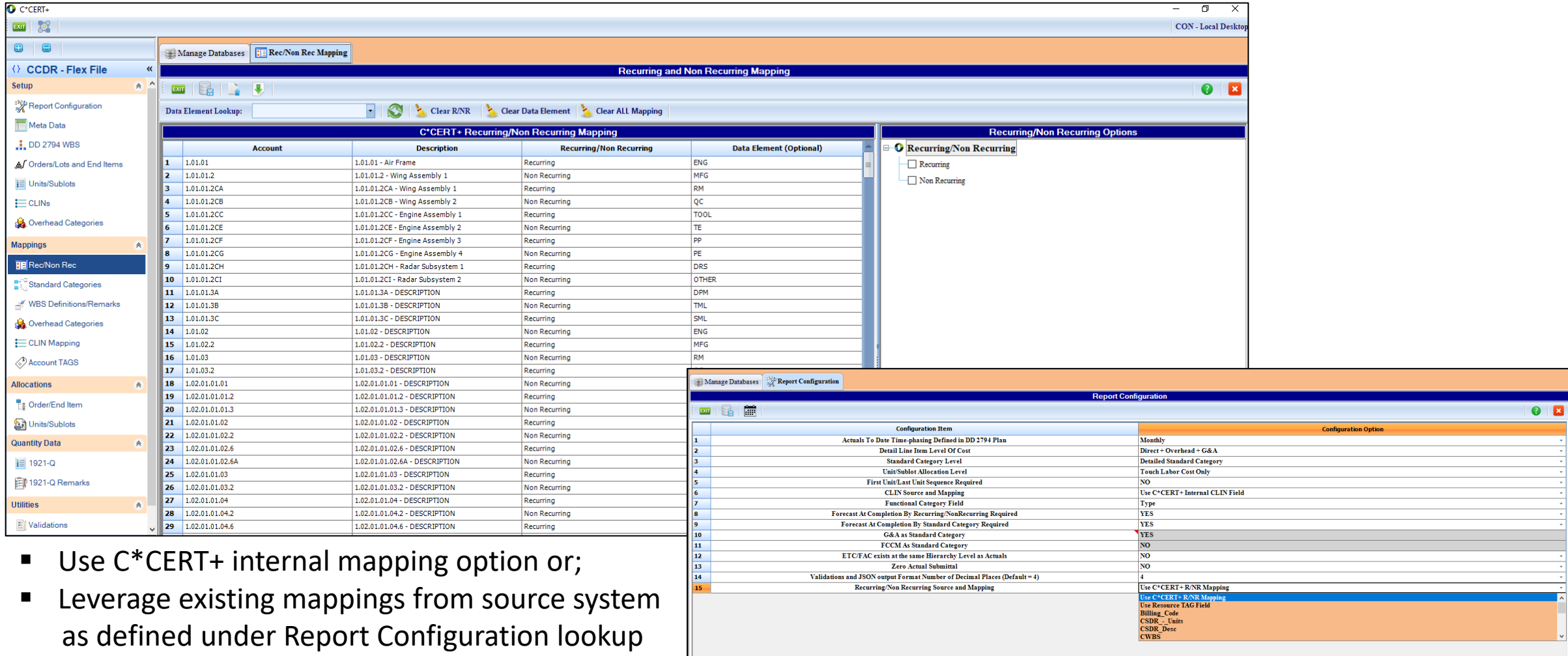
Only Overhead Categories that are Mapped to a Functional Category are included in the Cost Hour Flex File creation.
If ZERO ACTUAL Submittal Is 'YES' In Report Configuration - ALL listed Overhead Categories will be included in the Cost Hour Flex File creation.

	Mapped To Functional Category	Functional Overhead Category Name	Functional Overhead Category Description
1	✓	ENGOH	Engineering Overhead
2	✓	IOTOH	IOT Overhead
3	✓	MAJSUBOH	Major Sub Overhead
4	✓	MATOH	Material Overhead
5	✓	MFGOH	Manufacturing Overhead
6	✗	ODCOH	Other Direct Cost Overhead
7	✓	OTHOH	Other Labor Overhead
8	✓	PMOOH	Program Management Overhead
9	✓	QAOH	Quality Assurance Overhead

- The Overhead Category table is automatically populated upon importing of source Actuals/ETC data
- “Mapped to Functional Category” flags provide status of mapped functional categories to that Overhead code
- Only mapped Overhead codes will be included in Flex File submittal 

C*CERT+ Flex File Solution

Recurring/Non-recurring Mapping:



The screenshot displays the C*CERT+ software interface, specifically the 'Rec/Non Rec Mapping' and 'Report Configuration' windows.

Recurring and Non Recurring Mapping

	Account	Description	Recurring/Non Recurring	Data Element (Optional)
1	1.01.01	1.01.01 - Air Frame	Recurring	ENG
2	1.01.01.2	1.01.01.2 - Wing Assembly 1	Non Recurring	MFG
3	1.01.01.2CA	1.01.01.2CA - Wing Assembly 1	Recurring	RM
4	1.01.01.2CB	1.01.01.2CB - Wing Assembly 2	Non Recurring	QC
5	1.01.01.2CC	1.01.01.2CC - Engine Assembly 1	Recurring	TOOL
6	1.01.01.2CE	1.01.01.2CE - Engine Assembly 2	Non Recurring	TE
7	1.01.01.2CF	1.01.01.2CF - Engine Assembly 3	Recurring	PP
8	1.01.01.2CG	1.01.01.2CG - Engine Assembly 4	Non Recurring	PE
9	1.01.01.2CH	1.01.01.2CH - Radar Subsystem 1	Recurring	DRS
10	1.01.01.2CI	1.01.01.2CI - Radar Subsystem 2	Non Recurring	OTHER
11	1.01.01.3A	1.01.01.3A - DESCRIPTION	Recurring	DPM
12	1.01.01.3B	1.01.01.3B - DESCRIPTION	Non Recurring	TML
13	1.01.01.3C	1.01.01.3C - DESCRIPTION	Recurring	SML
14	1.01.02	1.01.02 - DESCRIPTION	Non Recurring	ENG
15	1.01.02.2	1.01.02.2 - DESCRIPTION	Recurring	MFG
16	1.01.03	1.01.03 - DESCRIPTION	Non Recurring	RM
17	1.01.03.2	1.01.03.2 - DESCRIPTION	Recurring	
18	1.02.01.01.01	1.02.01.01.01 - DESCRIPTION	Non Recurring	
19	1.02.01.01.01.2	1.02.01.01.01.2 - DESCRIPTION	Recurring	
20	1.02.01.01.01.3	1.02.01.01.01.3 - DESCRIPTION	Non Recurring	
21	1.02.01.01.02	1.02.01.01.02 - DESCRIPTION	Recurring	
22	1.02.01.01.02.2	1.02.01.01.02.2 - DESCRIPTION	Non Recurring	
23	1.02.01.01.02.6	1.02.01.01.02.6 - DESCRIPTION	Recurring	
24	1.02.01.01.02.6A	1.02.01.01.02.6A - DESCRIPTION	Non Recurring	
25	1.02.01.01.03	1.02.01.01.03 - DESCRIPTION	Recurring	
26	1.02.01.01.03.2	1.02.01.01.03.2 - DESCRIPTION	Non Recurring	
27	1.02.01.01.04	1.02.01.01.04 - DESCRIPTION	Recurring	
28	1.02.01.01.04.2	1.02.01.01.04.2 - DESCRIPTION	Non Recurring	
29	1.02.01.01.04.6	1.02.01.01.04.6 - DESCRIPTION	Recurring	

Recurring/Non Recurring Options

- ☐ Recurring
- ☐ Non Recurring

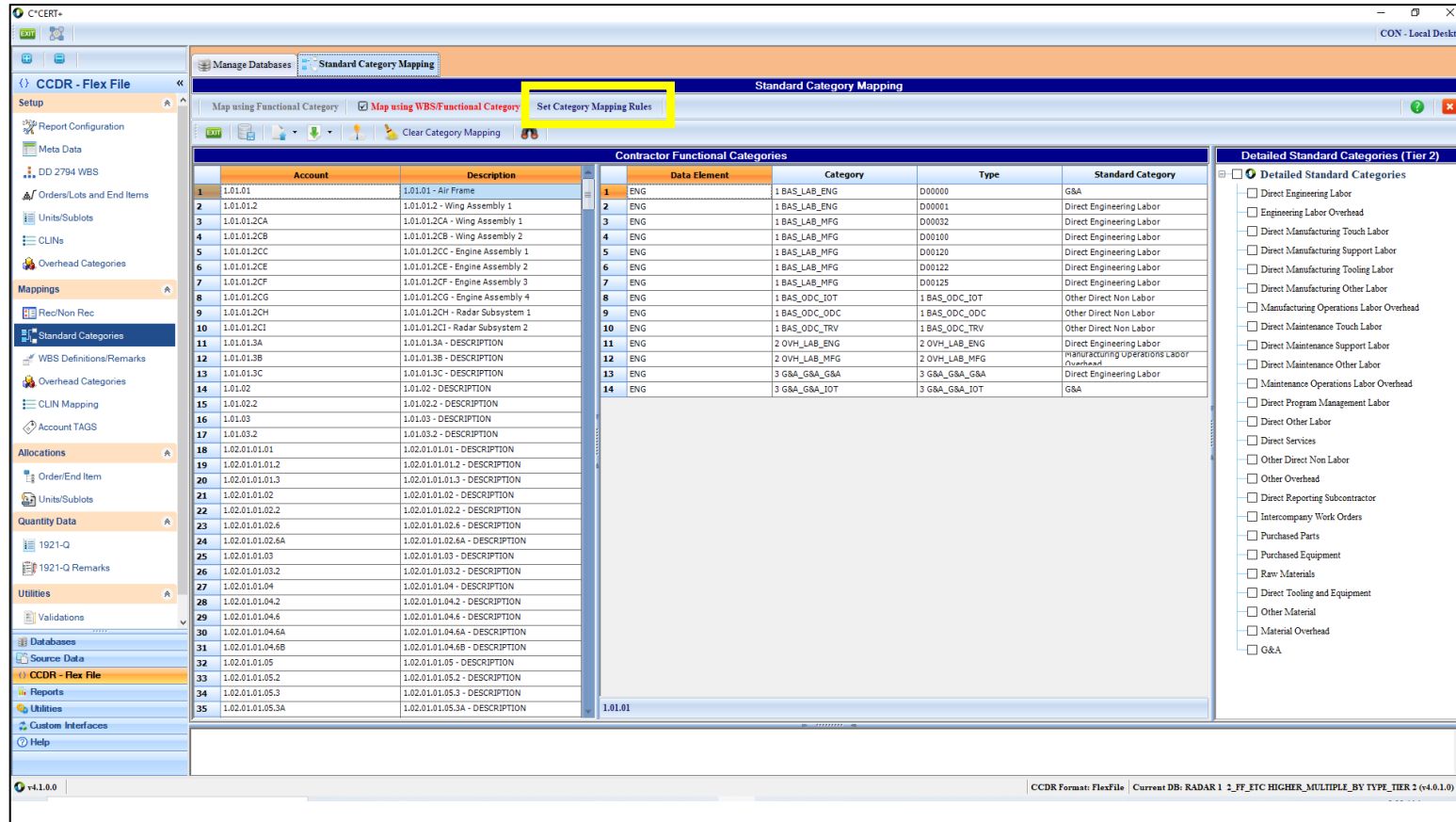
Report Configuration

Configuration Item	Configuration Option
1 Actuals To Date Time-phasing Defined in DD 2794 Plan	Monthly
2 Detail Line Item Level Of Cost	Direct + Overhead + G&A
3 Standard Category Level	Detailed Standard Category
4 Unit/Sublot Allocation Level	Touch Labor Cost Only
5 First Unit/Last Unit Sequence Required	NO
6 CLIN Source and Mapping	Use C*CERT+ Internal CLIN Field
7 Functional Category Field	Type
8 Forecast At Completion By Recurring/NonRecurring Required	YES
9 Forecast At Completion By Standard Category Required	YES
10 G&A as Standard Category	YES
11 FCCM As Standard Category	NO
12 ETC/FAC exists at the same Hierarchy Level as Actuals	NO
13 Zero Actual Submittal	NO
14 Validations and JSON output Format Number of Decimal Places (Default = 4)	4
15 Recurring/Non Recurring Source and Mapping	Use C*CERT+ R/NR Mapping
	Use C*CERT+ R/NR Mapping
	Use Resource TAG Field
	Billing_Code
	CSDR_Units
	CSDR_Desc
	CWBS

- Use C*CERT+ internal mapping option or;
- Leverage existing mappings from source system as defined under Report Configuration lookup

C*CERT+ Flex File Solution

Standard Category Mapping/Rules: 



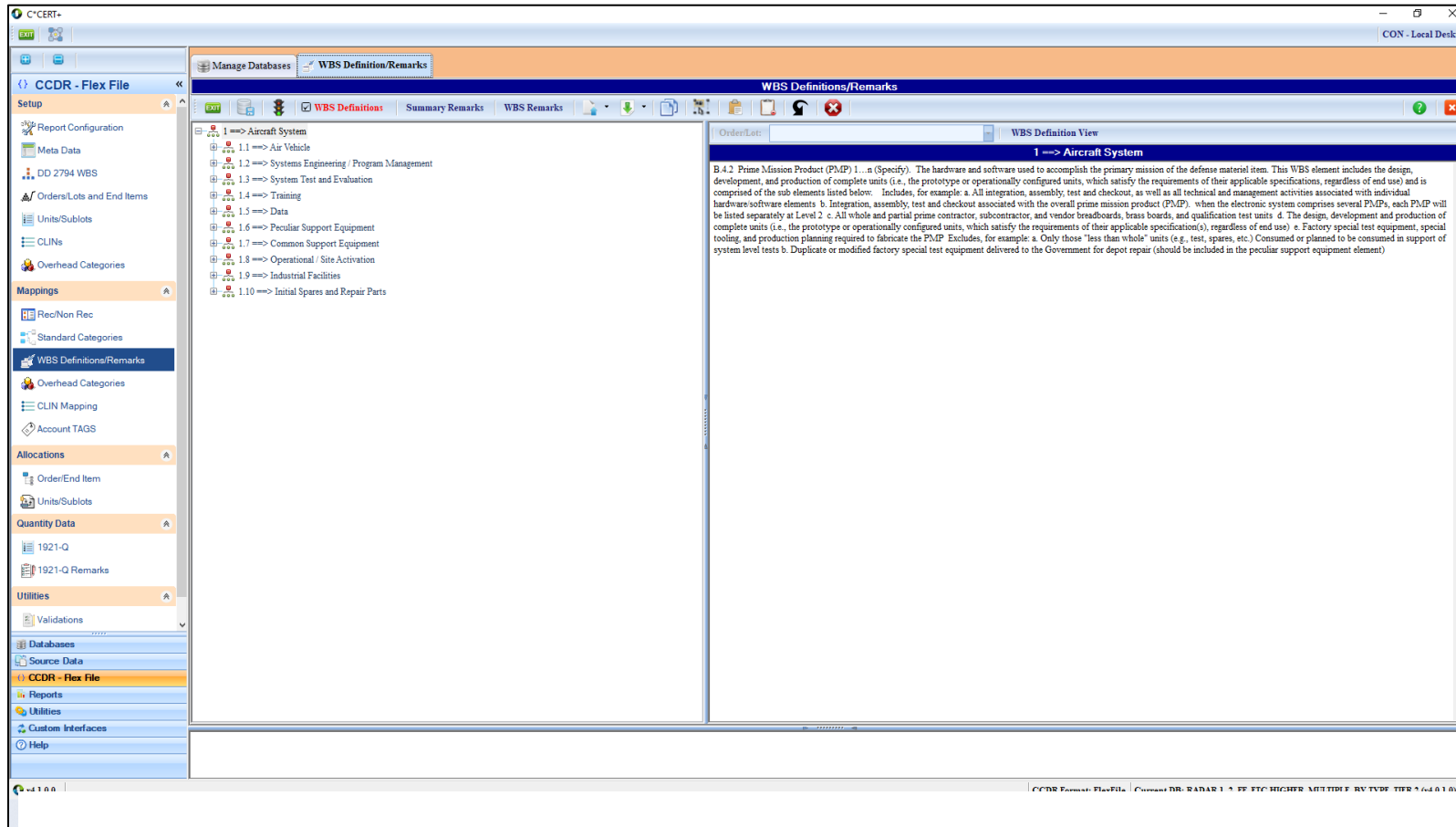
Account	Description	Data Element	Category	Type	Standard Category
1.01.01	1.01.01 - Air Frame	1 BAS_LAB_ENG	D00000	G&A	
2.01.01.2	1.01.01.2 - Wing Assembly 1	1 BAS_LAB_ENG	D00001	Direct Engineering Labor	
3.01.01.2CA	1.01.01.2CA - Wing Assembly 1	1 BAS_LAB_MFG	D00002	Direct Engineering Labor	
4.01.01.2CB	1.01.01.2CB - Wing Assembly 2	1 BAS_LAB_MFG	D00100	Direct Engineering Labor	
5.01.01.2CC	1.01.01.2CC - Engine Assembly 1	1 BAS_LAB_MFG	D00120	Direct Engineering Labor	
6.01.01.2CE	1.01.01.2CE - Engine Assembly 2	1 BAS_LAB_MFG	D00122	Direct Engineering Labor	
7.01.01.2CF	1.01.01.2CF - Engine Assembly 3	1 BAS_LAB_MFG	D00125	Direct Engineering Labor	
8.01.01.2CG	1.01.01.2CG - Engine Assembly 4	1 BAS_ODC_IOT	1 BAS_ODC_IOT	Other Direct Non Labor	
9.01.01.2CH	1.01.01.2CH - Radar Subsystem 1	1 BAS_ODC_ODC	1 BAS_ODC_ODC	Other Direct Non Labor	
10.01.01.2CI	1.01.01.2CI - Radar Subsystem 2	1 BAS_ODC_TRV	1 BAS_ODC_TRV	Other Direct Non Labor	
11.01.01.3A	1.01.01.3A - DESCRIPTION	2 OVH_LAB_ENG	2 OVH_LAB_ENG	Direct Engineering Labor	
12.01.01.3B	1.01.01.3B - DESCRIPTION	2 OVH_LAB_MFG	2 OVH_LAB_MFG	Manufacturing Operations Labor	
13.01.01.3C	1.01.01.3C - DESCRIPTION	3 G&A_G&A_G&A	3 G&A_G&A_G&A	Direct Engineering Labor	
14.01.02	1.01.02 - DESCRIPTION	3 G&A_G&A_IOT	3 G&A_G&A_IOT	G&A	

Detailed Standard Categories (Tier 2)
<input type="checkbox"/> Direct Engineering Labor
<input type="checkbox"/> Engineering Labor Overhead
<input type="checkbox"/> Direct Manufacturing Touch Labor
<input type="checkbox"/> Direct Manufacturing Support Labor
<input type="checkbox"/> Direct Manufacturing Tooling Labor
<input type="checkbox"/> Direct Manufacturing Other Labor
<input type="checkbox"/> Manufacturing Operations Labor Overhead
<input type="checkbox"/> Direct Maintenance Touch Labor
<input type="checkbox"/> Direct Maintenance Support Labor
<input type="checkbox"/> Direct Maintenance Other Labor
<input type="checkbox"/> Maintenance Operations Labor Overhead
<input type="checkbox"/> Direct Program Management Labor
<input type="checkbox"/> Direct Other Labor
<input type="checkbox"/> Direct Services
<input type="checkbox"/> Other Direct Non Labor
<input type="checkbox"/> Other Overhead
<input type="checkbox"/> Direct Reporting Subcontractor
<input type="checkbox"/> Intercompany Work Orders
<input type="checkbox"/> Purchased Parts
<input type="checkbox"/> Purchased Equipment
<input type="checkbox"/> Raw Materials
<input type="checkbox"/> Direct Tooling and Equipment
<input type="checkbox"/> Other Material
<input type="checkbox"/> Material Overhead
<input type="checkbox"/> G&A

- Map contractor functional categories to required Tier I or II Gov't Standard Categories
- Use Mapping Rules to streamline the process and to create consistent and accurate mapping import templates which can be shared and utilized by other programs across the Enterprise

C*CERT+ Flex File Solution

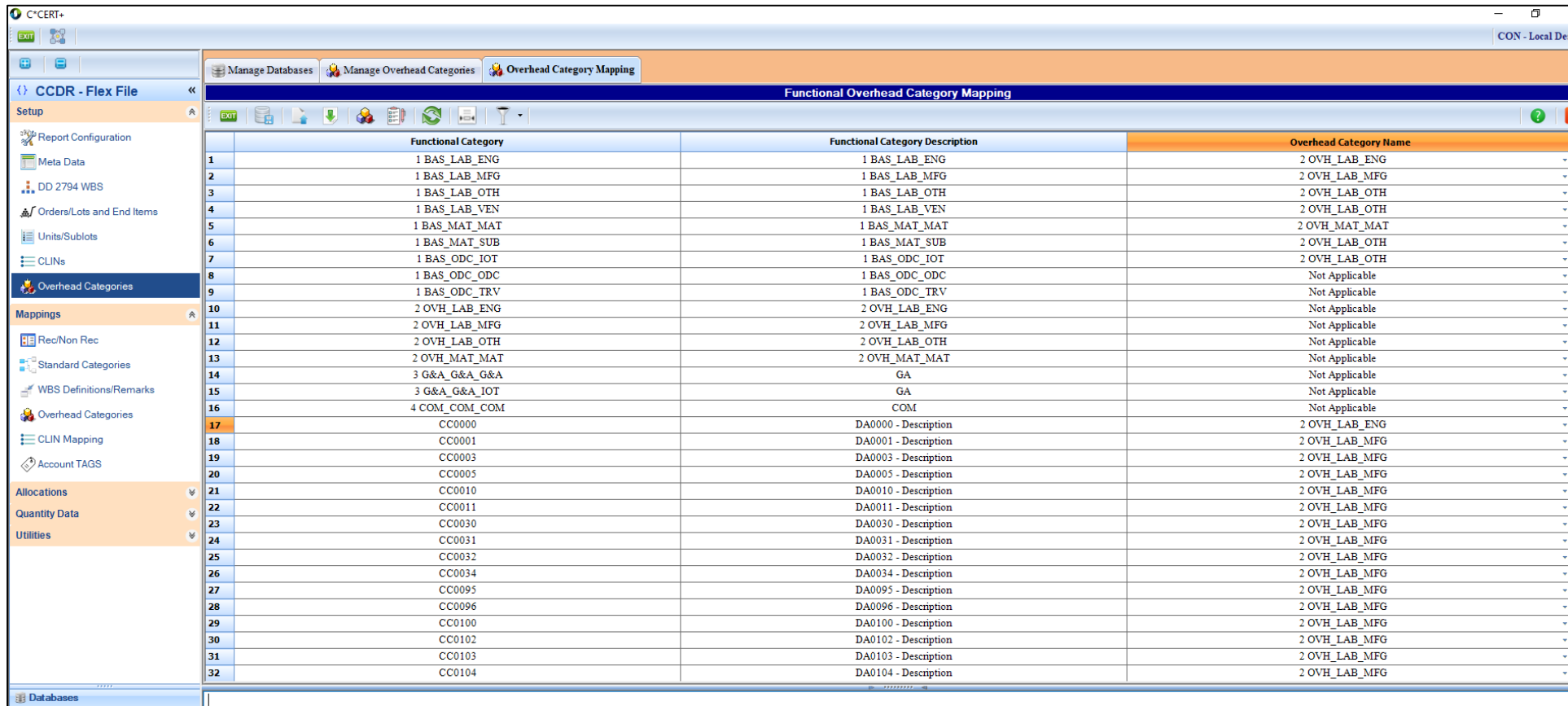
WBS Definitions/Remarks: 



- Note: WBS & Summary Remarks may also be entered directly from the Validation Tool module!

C*CERT+ Flex File Solution

Overhead Category Mapping:

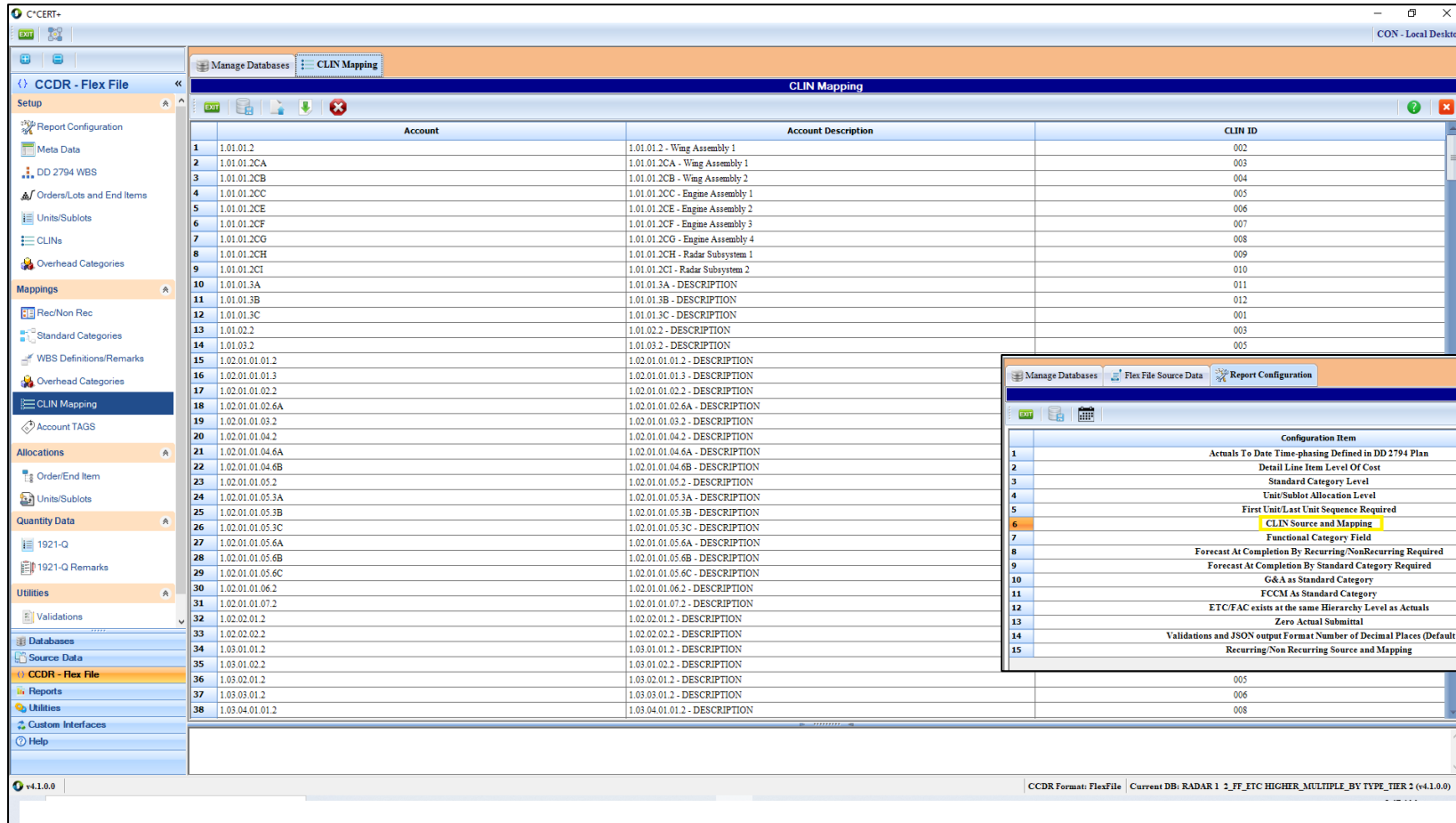


	Functional Category	Functional Category Description	Overhead Category Name
1	1 BAS_LAB_ENG	1 BAS_LAB_ENG	2 OVH_LAB_ENG
2	1 BAS_LAB_MFG	1 BAS_LAB_MFG	2 OVH_LAB_MFG
3	1 BAS_LAB_OTH	1 BAS_LAB_OTH	2 OVH_LAB_OTH
4	1 BAS_LAB_VEN	1 BAS_LAB_VEN	2 OVH_LAB_OTH
5	1 BAS_MAT_MAT	1 BAS_MAT_MAT	2 OVH_MAT_MAT
6	1 BAS_MAT_SUB	1 BAS_MAT_SUB	2 OVH_LAB_OTH
7	1 BAS_ODC_IOT	1 BAS_ODC_IOT	2 OVH_LAB_OTH
8	1 BAS_ODC_ODC	1 BAS_ODC_ODC	Not Applicable
9	1 BAS_ODC_TRV	1 BAS_ODC_TRV	Not Applicable
10	2 OVH_LAB_ENG	2 OVH_LAB_ENG	Not Applicable
11	2 OVH_LAB_MFG	2 OVH_LAB_MFG	Not Applicable
12	2 OVH_LAB_OTH	2 OVH_LAB_OTH	Not Applicable
13	2 OVH_MAT_MAT	2 OVH_MAT_MAT	Not Applicable
14	3 G&A_G&A_G&A	GA	Not Applicable
15	3 G&A_G&A_IOT	GA	Not Applicable
16	4 COM_COM_COM	COM	Not Applicable
17	CC0000	DA0000 - Description	2 OVH_LAB_ENG
18	CC0001	DA0001 - Description	2 OVH_LAB_MFG
19	CC0003	DA0003 - Description	2 OVH_LAB_MFG
20	CC0005	DA0005 - Description	2 OVH_LAB_MFG
21	CC0010	DA0010 - Description	2 OVH_LAB_MFG
22	CC0011	DA0011 - Description	2 OVH_LAB_MFG
23	CC0030	DA0030 - Description	2 OVH_LAB_MFG
24	CC0031	DA0031 - Description	2 OVH_LAB_MFG
25	CC0032	DA0032 - Description	2 OVH_LAB_MFG
26	CC0034	DA0034 - Description	2 OVH_LAB_MFG
27	CC0095	DA0095 - Description	2 OVH_LAB_MFG
28	CC0096	DA0096 - Description	2 OVH_LAB_MFG
29	CC0100	DA0100 - Description	2 OVH_LAB_MFG
30	CC0102	DA0102 - Description	2 OVH_LAB_MFG
31	CC0103	DA0103 - Description	2 OVH_LAB_MFG
32	CC0104	DA0104 - Description	2 OVH_LAB_MFG

- Map contractor functional categories to respective Overhead category codes
- Automatically set all overhead related codes to “Not Applicable” per the DiD
- Ability to enter user-defined descriptions for G&A and COM descriptions

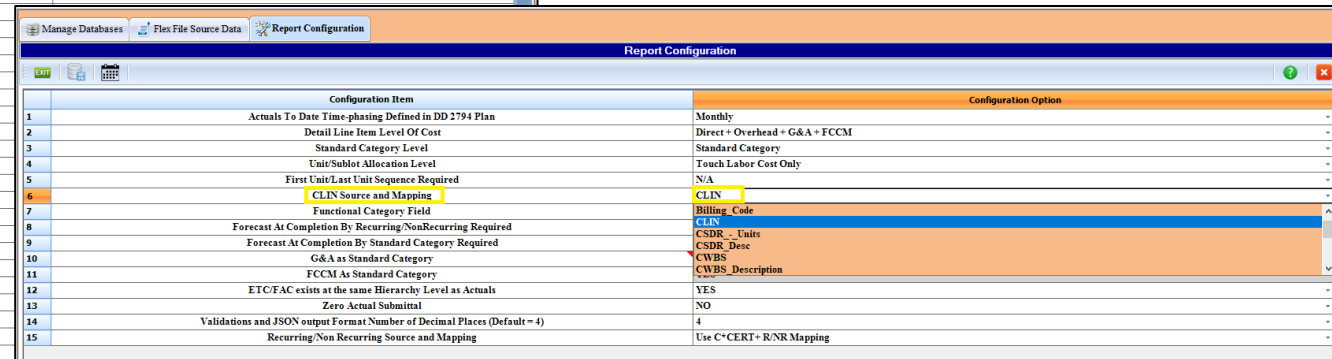
C*CERT+ Flex File Solution

CLIN Mapping: 



The screenshot shows the C*CERT+ application interface. The left sidebar contains a tree view with categories like Setup, Mappings, Allocations, Quantity Data, Utilities, and Databases. The 'CLIN Mapping' option is selected under the 'Mappings' category. The main window displays a table with three columns: Account, Account Description, and CLIN ID. The table lists various accounts and their corresponding descriptions and CLIN IDs.

	Account	Account Description	CLIN ID
1	1.01.01.2	1.01.01.2 - Wing Assembly 1	002
2	1.01.01.2CA	1.01.01.2CA - Wing Assembly 1	003
3	1.01.01.2CB	1.01.01.2CB - Wing Assembly 2	004
4	1.01.01.2CC	1.01.01.2CC - Engine Assembly 1	005
5	1.01.01.2CE	1.01.01.2CE - Engine Assembly 2	006
6	1.01.01.2CF	1.01.01.2CF - Engine Assembly 3	007
7	1.01.01.2CG	1.01.01.2CG - Engine Assembly 4	008
8	1.01.01.2CH	1.01.01.2CH - Radar Subsystem 1	009
9	1.01.01.2CI	1.01.01.2CI - Radar Subsystem 2	010
10	1.01.01.3A	1.01.01.3A - DESCRIPTION	011
11	1.01.01.3B	1.01.01.3B - DESCRIPTION	012
12	1.01.01.3C	1.01.01.3C - DESCRIPTION	001
13	1.01.02.2	1.01.02.2 - DESCRIPTION	003
14	1.01.03.2	1.01.03.2 - DESCRIPTION	005
15	1.02.01.01.01.2	1.02.01.01.01.2 - DESCRIPTION	
16	1.02.01.01.01.3	1.02.01.01.01.3 - DESCRIPTION	
17	1.02.01.01.02.2	1.02.01.01.02.2 - DESCRIPTION	
18	1.02.01.01.02.6A	1.02.01.01.02.6A - DESCRIPTION	
19	1.02.01.01.03.2	1.02.01.01.03.2 - DESCRIPTION	
20	1.02.01.01.04.2	1.02.01.01.04.2 - DESCRIPTION	
21	1.02.01.01.04.6A	1.02.01.01.04.6A - DESCRIPTION	
22	1.02.01.01.04.6B	1.02.01.01.04.6B - DESCRIPTION	
23	1.02.01.01.05.2	1.02.01.01.05.2 - DESCRIPTION	
24	1.02.01.01.05.3A	1.02.01.01.05.3A - DESCRIPTION	
25	1.02.01.01.05.3B	1.02.01.01.05.3B - DESCRIPTION	
26	1.02.01.01.05.3C	1.02.01.01.05.3C - DESCRIPTION	
27	1.02.01.01.05.6A	1.02.01.01.05.6A - DESCRIPTION	
28	1.02.01.01.05.6B	1.02.01.01.05.6B - DESCRIPTION	
29	1.02.01.01.05.6C	1.02.01.01.05.6C - DESCRIPTION	
30	1.02.01.01.06.2	1.02.01.01.06.2 - DESCRIPTION	
31	1.02.01.01.07.2	1.02.01.01.07.2 - DESCRIPTION	
32	1.02.02.01.2	1.02.02.01.2 - DESCRIPTION	
33	1.02.02.02.2	1.02.02.02.2 - DESCRIPTION	
34	1.03.01.01.2	1.03.01.01.2 - DESCRIPTION	
35	1.03.01.02.2	1.03.01.02.2 - DESCRIPTION	
36	1.03.02.01.2	1.03.02.01.2 - DESCRIPTION	005
37	1.03.03.01.2	1.03.03.01.2 - DESCRIPTION	006
38	1.03.04.01.01.2	1.03.04.01.01.2 - DESCRIPTION	008



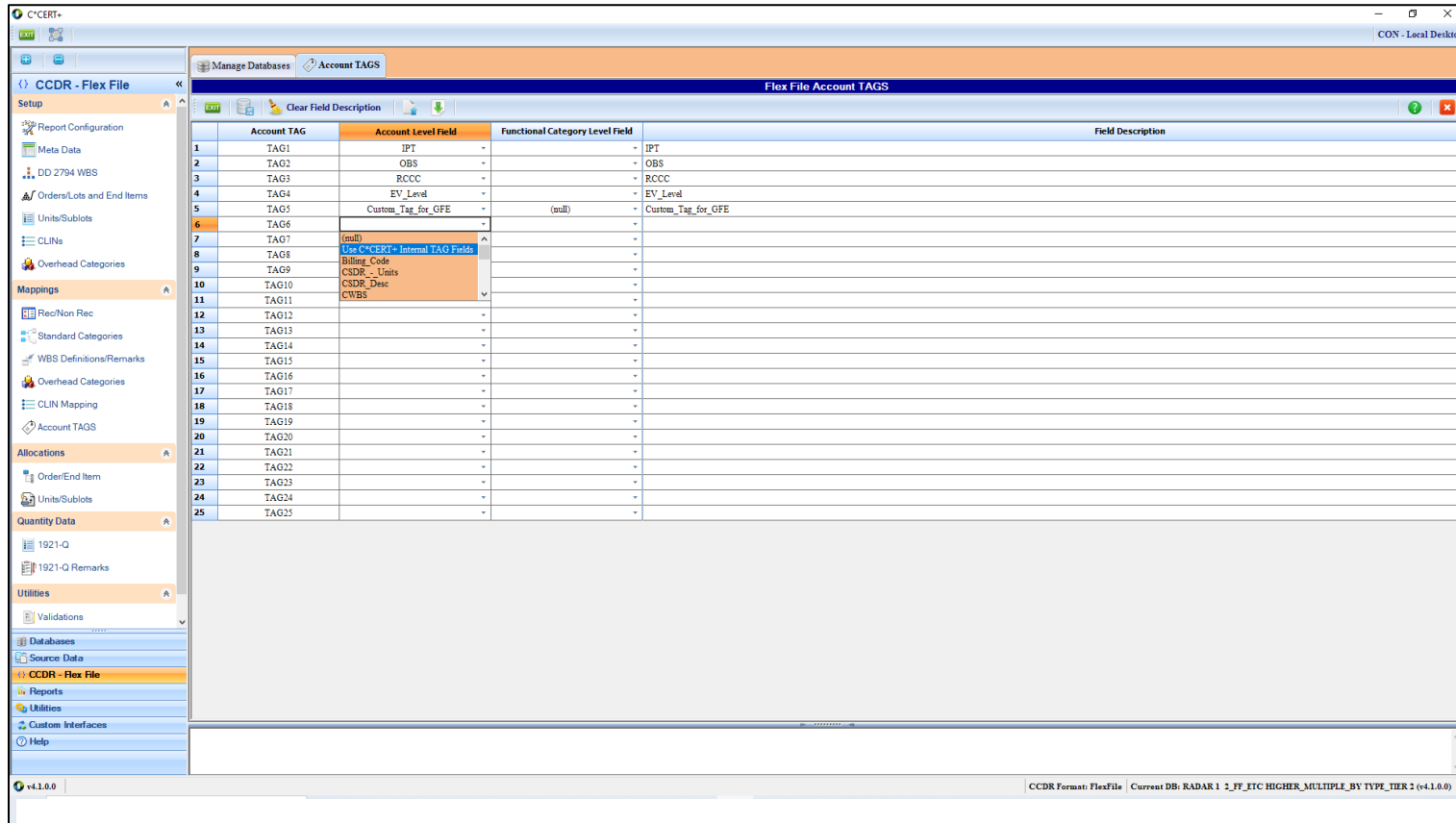
The screenshot shows the 'Report Configuration' window in C*CERT+. It displays a table with two columns: Configuration Item and Configuration Option. The table lists various configuration items and their corresponding options.

Configuration Item	Configuration Option
1 Actuals To Date Time-phasing Defined in DD 2794 Plan	Monthly
2 Detail Line Item Level Of Cost	Direct + Overhead + G&A + FCCM
3 Standard Category Level	Standard Category
4 Unit/Sublot Allocation Level	Touch Labor Cost Only
5 First Unit/Last Unit Sequence Required	N/A
6 CLIN Source and Mapping	CLIN
7 Functional Category Field	Billing Code
8 Forecast At Completion By Recurring/NonRecurring Required	CLIN
9 Forecast At Completion By Standard Category Required	CSDR - Units
10 G&A as Standard Category	CSDR_Desc
11 FCCM As Standard Category	CWBS
12 ETC/FAC exists at the same Hierarchy Level as Actuals	CWBS_Description
13 Zero Actual Submittal	YES
14 Validations and JSON output Format Number of Decimal Places (Default = 4)	NO
15 Recurring/Non Recurring Source and Mapping	4
	Use C*CERT+ R/NR Mapping

- Every source account with actuals must be mapped to a CLIN item
- If CLINs are included in source WBS import file use Report Configuration lookup to auto-populate CLIN Mapping table

C*CERT+ Flex File Solution

Account Tag Definitions: 

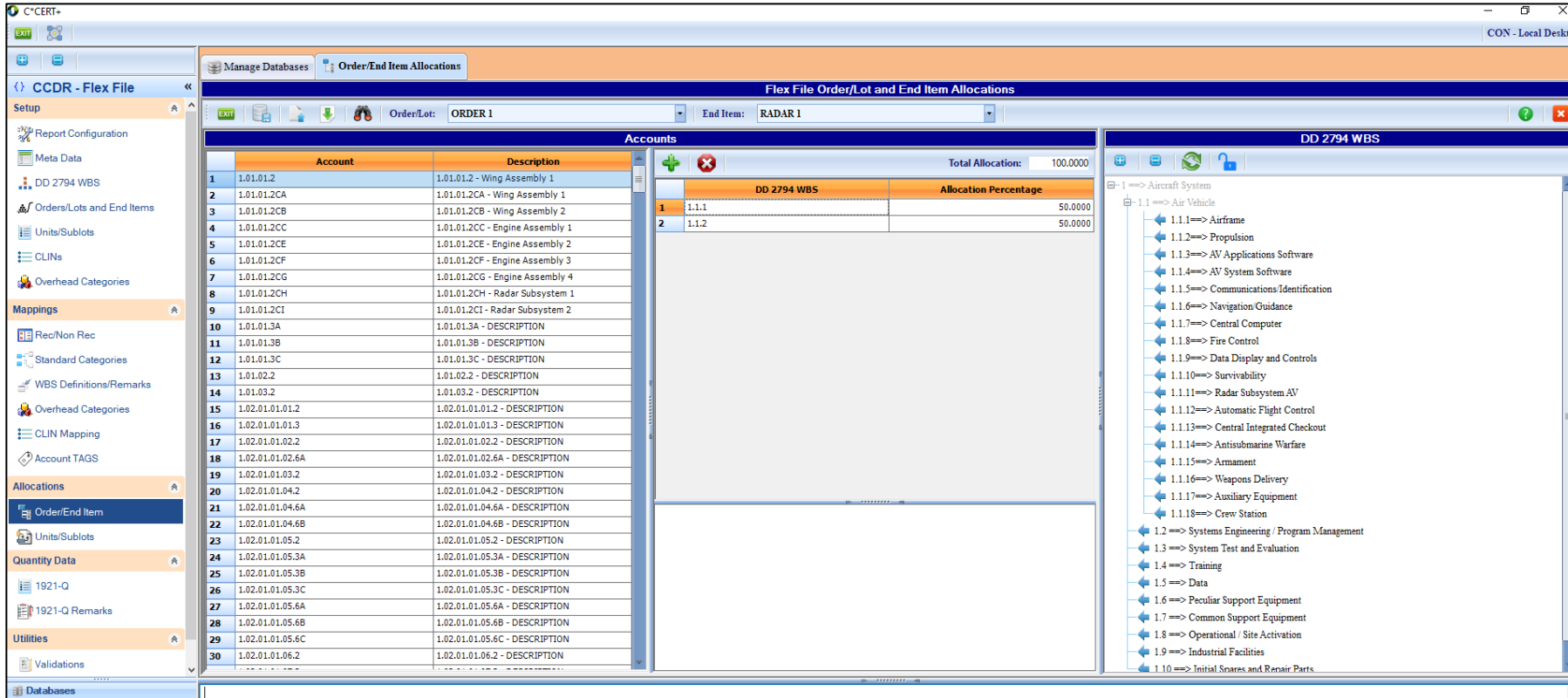


	Account TAG	Account Level Field	Functional Category Level Field	Field Description
1	TAG1	IPT	IPT	
2	TAG2	OBS	OBS	
3	TAG3	RCCC	RCCC	
4	TAG4	EV_Level	EV_Level	
5	TAG5	Custom_Tag_for_GFE	(null)	Custom_Tag_for_GFE
6	TAG6			
7	TAG7	(null)		
8	TAG8	Use C*CERT+ Internal TAG Fields		
9	TAG9	Billing_Code		
10	TAG10	CSDR_Units		
11	TAG11	CSDR_Desc		
12	TAG12	CWBS		
13	TAG13			
14	TAG14			
15	TAG15			
16	TAG16			
17	TAG17			
18	TAG18			
19	TAG19			
20	TAG20			
21	TAG21			
22	TAG22			
23	TAG23			
24	TAG24			
25	TAG25			

- Map account level or Functional category level attributes residing in contractors source system to Tag elements
- Utilize “Use C*CERT+ Internal Tag Field” option to create custom Tag name and enter data not in source systems

C*CERT+ Flex File Solution

Order/End Item Mapping: 



The screenshot displays the C*CERT+ Flex File Order/Lot and End Item Allocations interface. The window is titled "C*CERT+" and has a menu bar with "EXIT" and "CON - Local Desktop". The main window is divided into several panes:

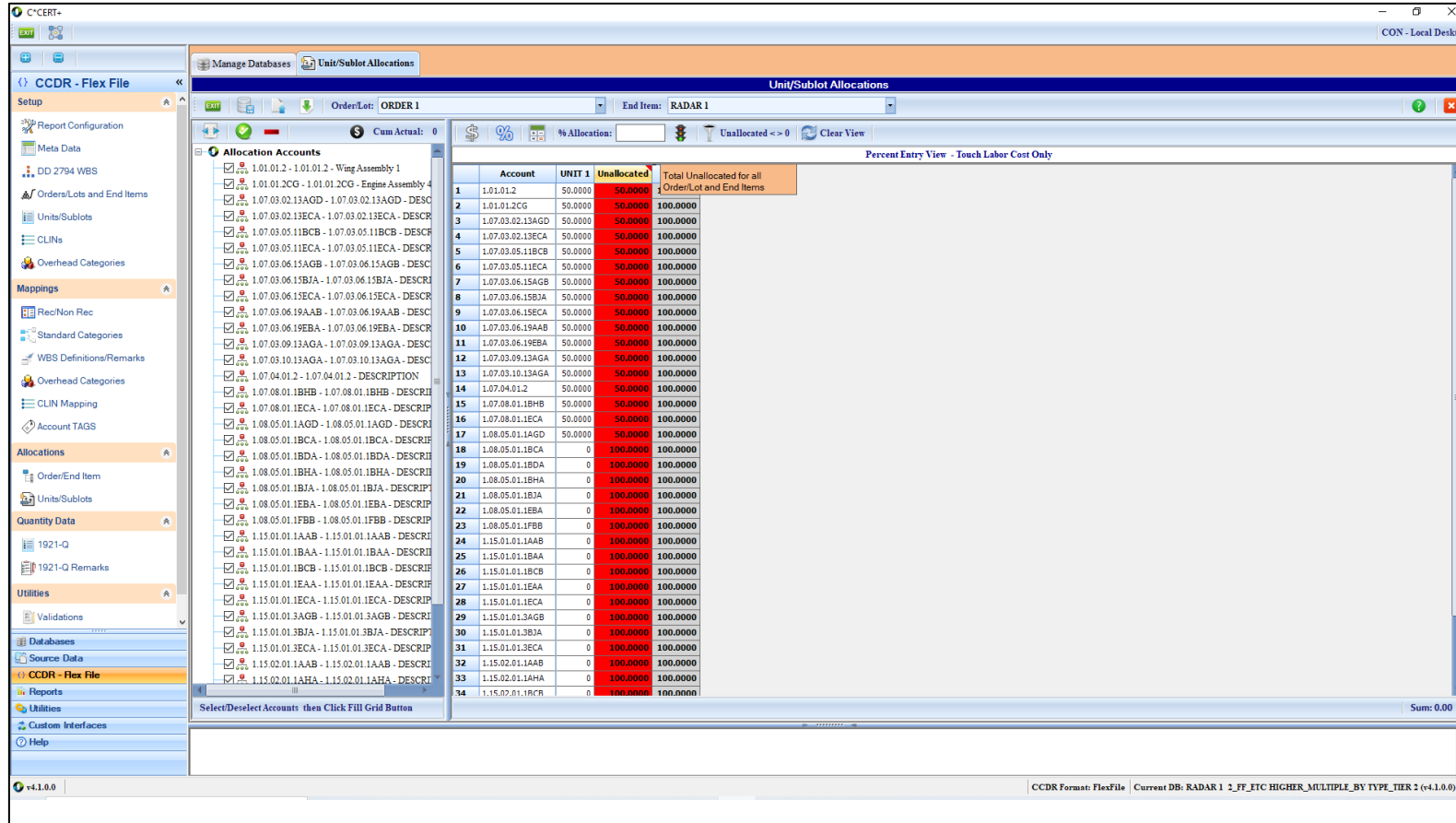
- Left Pane:** Contains a tree view of the "CCDR - Flex File" structure, including "Setup", "Report Configuration", "Meta Data", "DD 2794 WBS", "Orders/Lots and End Items", "Units/Sublots", "CLINs", "Overhead Categories", "Mappings", "Rec/Non Rec", "Standard Categories", "WBS Definitions/Remarks", "Overhead Categories", "CLIN Mapping", "Account TAGS", "Allocations", "Order/End Item", "Units/Sublots", "Quantity Data", "1921-Q", "1921-Q Remarks", "Utilities", and "Validations".
- Top Pane:** Shows "Manage Databases" and "Order/End Item Allocations". The "Order/Lot" is set to "ORDER 1" and the "End Item" is set to "RADAR 1".
- Accounts Table:** A table with columns "Account" and "Description". It lists various accounts and their descriptions, such as "1.01.01.2 - Wing Assembly 1", "1.01.01.2CA - Wing Assembly 1", "1.01.01.2CB - Wing Assembly 2", "1.01.01.2CC - Engine Assembly 1", "1.01.01.2CE - Engine Assembly 2", "1.01.01.2CF - Engine Assembly 3", "1.01.01.2CG - Engine Assembly 4", "1.01.01.2CH - Radar Subsystem 1", "1.01.01.2CI - Radar Subsystem 2", "1.01.01.3A - DESCRIPTION", "1.01.01.3B - DESCRIPTION", "1.01.01.3C - DESCRIPTION", "1.01.02.2 - DESCRIPTION", "1.01.03.2 - DESCRIPTION", "1.02.01.01.01.2 - DESCRIPTION", "1.02.01.01.01.3 - DESCRIPTION", "1.02.01.01.02.2 - DESCRIPTION", "1.02.01.01.02.6A - DESCRIPTION", "1.02.01.01.03.2 - DESCRIPTION", "1.02.01.01.04.2 - DESCRIPTION", "1.02.01.01.04.6A - DESCRIPTION", "1.02.01.01.04.6B - DESCRIPTION", "1.02.01.01.05.2 - DESCRIPTION", "1.02.01.01.05.3A - DESCRIPTION", "1.02.01.01.05.3B - DESCRIPTION", "1.02.01.01.05.3C - DESCRIPTION", "1.02.01.01.05.6A - DESCRIPTION", "1.02.01.01.05.6B - DESCRIPTION", "1.02.01.01.05.6C - DESCRIPTION", and "1.02.01.01.06.2 - DESCRIPTION".
- DD 2794 WBS Table:** A table with columns "DD 2794 WBS" and "Allocation Percentage". It shows two rows: "1.1.1" with an allocation of 50.0000 and "1.1.2" with an allocation of 50.0000. The total allocation is 100.0000.
- DD 2794 WBS Tree View:** A tree view showing the hierarchy of WBS elements, including "1.1.1 ==> Airframe", "1.1.2 ==> Propulsion", "1.1.3 ==> AV Applications Software", "1.1.4 ==> AV System Software", "1.1.5 ==> Communications/Identification", "1.1.6 ==> Navigation/Guidance", "1.1.7 ==> Central Computer", "1.1.8 ==> Fire Control", "1.1.9 ==> Data Display and Controls", "1.1.10 ==> Survivability", "1.1.11 ==> Radar Subsystem AV", "1.1.12 ==> Automatic Flight Control", "1.1.13 ==> Central Integrated Checkout", "1.1.14 ==> Antisubmarine Warfare", "1.1.15 ==> Armament", "1.1.16 ==> Weapons Delivery", "1.1.17 ==> Auxiliary Equipment", "1.1.18 ==> Crew Station", "1.2 ==> Systems Engineering / Program Management", "1.3 ==> System Test and Evaluation", "1.4 ==> Training", "1.5 ==> Data", "1.6 ==> Peculiar Support Equipment", "1.7 ==> Common Support Equipment", "1.8 ==> Operational / Site Activation", "1.9 ==> Industrial Facilities", and "1.10 ==> Initial Spares and Repair Parts".

- Allocate accounts actuals/ETC to their respective DD2794 reportable WBS elements by Order/End Item; by %
 - ETC allocated when at different level than actuals
- Utilize Excel Export/Import Template for faster processing



C*CERT+ Flex File Solution

Units/Sublots Allocations: 

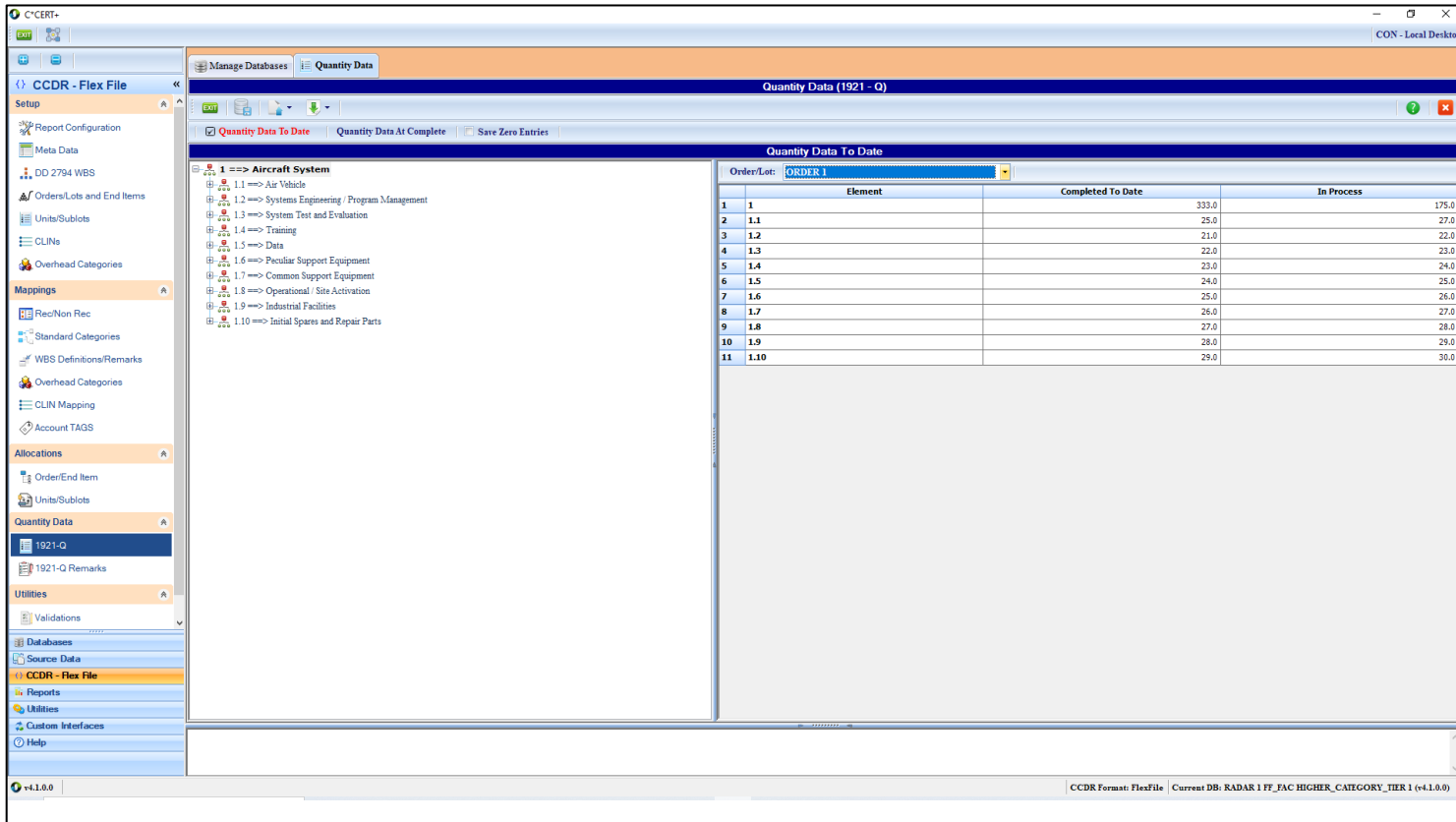


Account	UNIT 1	Unallocated	Total Unallocated for all Order/Lot and End Items
1.01.01.2 - 1.01.01.2 - Wing Assembly 1	50.0000	50.0000	100.0000
1.01.01.2CG - 1.01.01.2CG - Engine Assembly 4	50.0000	50.0000	100.0000
1.07.03.02.13AGD - 1.07.03.02.13AGD - DESC	50.0000	50.0000	100.0000
1.07.03.02.13ECA - 1.07.03.02.13ECA - DESC	50.0000	50.0000	100.0000
1.07.03.05.11BCB - 1.07.03.05.11BCB - DESC	50.0000	50.0000	100.0000
1.07.03.05.11ECA - 1.07.03.05.11ECA - DESC	50.0000	50.0000	100.0000
1.07.03.06.15AGB - 1.07.03.06.15AGB - DESC	50.0000	50.0000	100.0000
1.07.03.06.15BJA - 1.07.03.06.15BJA - DESC	50.0000	50.0000	100.0000
1.07.03.06.15ECA - 1.07.03.06.15ECA - DESC	50.0000	50.0000	100.0000
1.07.03.06.19AAB - 1.07.03.06.19AAB - DESC	50.0000	50.0000	100.0000
1.07.03.06.19EBA - 1.07.03.06.19EBA - DESC	50.0000	50.0000	100.0000
1.07.03.09.13AGA - 1.07.03.09.13AGA - DESC	50.0000	50.0000	100.0000
1.07.03.10.13AGA - 1.07.03.10.13AGA - DESC	50.0000	50.0000	100.0000
1.07.04.01.2 - 1.07.04.01.2 - DESCRIPTION	50.0000	50.0000	100.0000
1.07.08.01.1BHB - 1.07.08.01.1BHB - DESC	50.0000	50.0000	100.0000
1.07.08.01.1ECA - 1.07.08.01.1ECA - DESC	50.0000	50.0000	100.0000
1.08.05.01.1AGD - 1.08.05.01.1AGD - DESC	50.0000	50.0000	100.0000
1.08.05.01.1BCA - 1.08.05.01.1BCA - DESC	0	100.0000	100.0000
1.08.05.01.1BDA - 1.08.05.01.1BDA - DESC	0	100.0000	100.0000
1.08.05.01.1BHA - 1.08.05.01.1BHA - DESC	0	100.0000	100.0000
1.08.05.01.1BJA - 1.08.05.01.1BJA - DESC	0	100.0000	100.0000
1.08.05.01.1EBA - 1.08.05.01.1EBA - DESC	0	100.0000	100.0000
1.08.05.01.1FBB - 1.08.05.01.1FBB - DESC	0	100.0000	100.0000
1.15.01.01.1AAB - 1.15.01.01.1AAB - DESC	0	100.0000	100.0000
1.15.01.01.1BAA - 1.15.01.01.1BAA - DESC	0	100.0000	100.0000
1.15.01.01.1BCB - 1.15.01.01.1BCB - DESC	0	100.0000	100.0000
1.15.01.01.1EAA - 1.15.01.01.1EAA - DESC	0	100.0000	100.0000
1.15.01.01.1ECA - 1.15.01.01.1ECA - DESC	0	100.0000	100.0000
1.15.01.01.1SAGB - 1.15.01.01.1SAGB - DESC	0	100.0000	100.0000
1.15.01.01.1SBJA - 1.15.01.01.1SBJA - DESC	0	100.0000	100.0000
1.15.01.01.1SECA - 1.15.01.01.1SECA - DESC	0	100.0000	100.0000
1.15.02.01.1AAB - 1.15.02.01.1AAB - DESC	0	100.0000	100.0000
1.15.02.01.1AHA - 1.15.02.01.1AHA - DESC	0	100.0000	100.0000
1.15.02.01.1RCB - 1.15.02.01.1RCB - DESC	0	100.0000	100.0000

- Allocate accounts with touch labor content to respective Unit/Sublots within the same Order/End Item grouping
- C*CERT+ checks to ensure account fully allocated to 100% across all Order/End Item groupings

C*CERT+ Flex File Solution

1921-Q Quantity Data: 



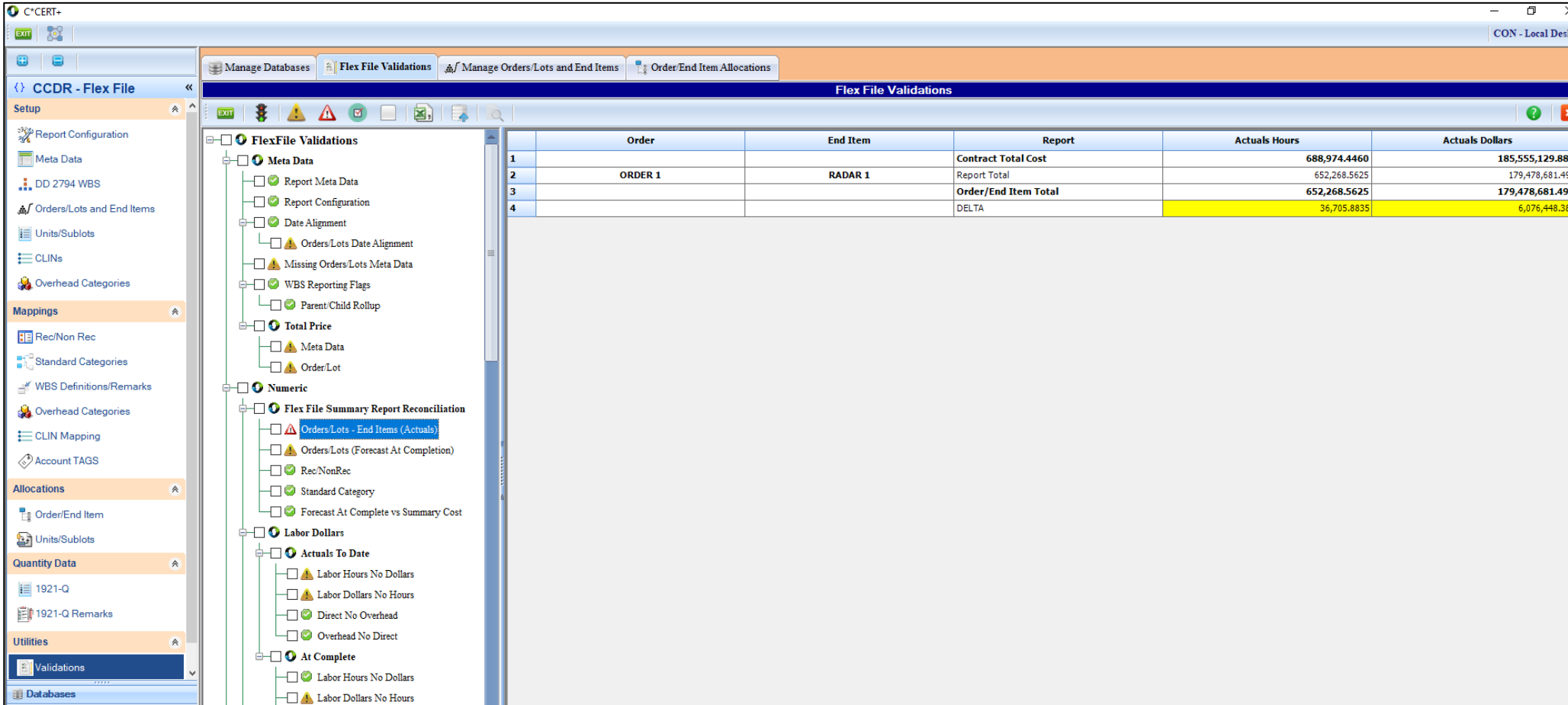
The screenshot shows the C*CERT+ Flex File software interface. The main window is titled "Quantity Data (1921 - Q)" and displays a table of quantity data for the "Aircraft System". The table has columns for "Element", "Completed To Date", and "In Process". The data is organized by "Order/Lot" and "Element".

Order/Lot	Element	Completed To Date	In Process
1	1	333.0	175.0
2	1.1	25.0	27.0
3	1.2	21.0	22.0
4	1.3	22.0	23.0
5	1.4	23.0	24.0
6	1.5	24.0	25.0
7	1.6	25.0	26.0
8	1.7	26.0	27.0
9	1.8	27.0	28.0
10	1.9	28.0	29.0
11	1.10	29.0	30.0

- If required by the DD2794 Plan utilize the 1921-Q module to enter/import the appropriate Quantity To Date & At Complete values for every reportable WBS element
- Utilize 1921-Q Remarks module to enter appropriate remarks as applicable

C*CERT+ Flex File Solution

Flex File Data Validations:

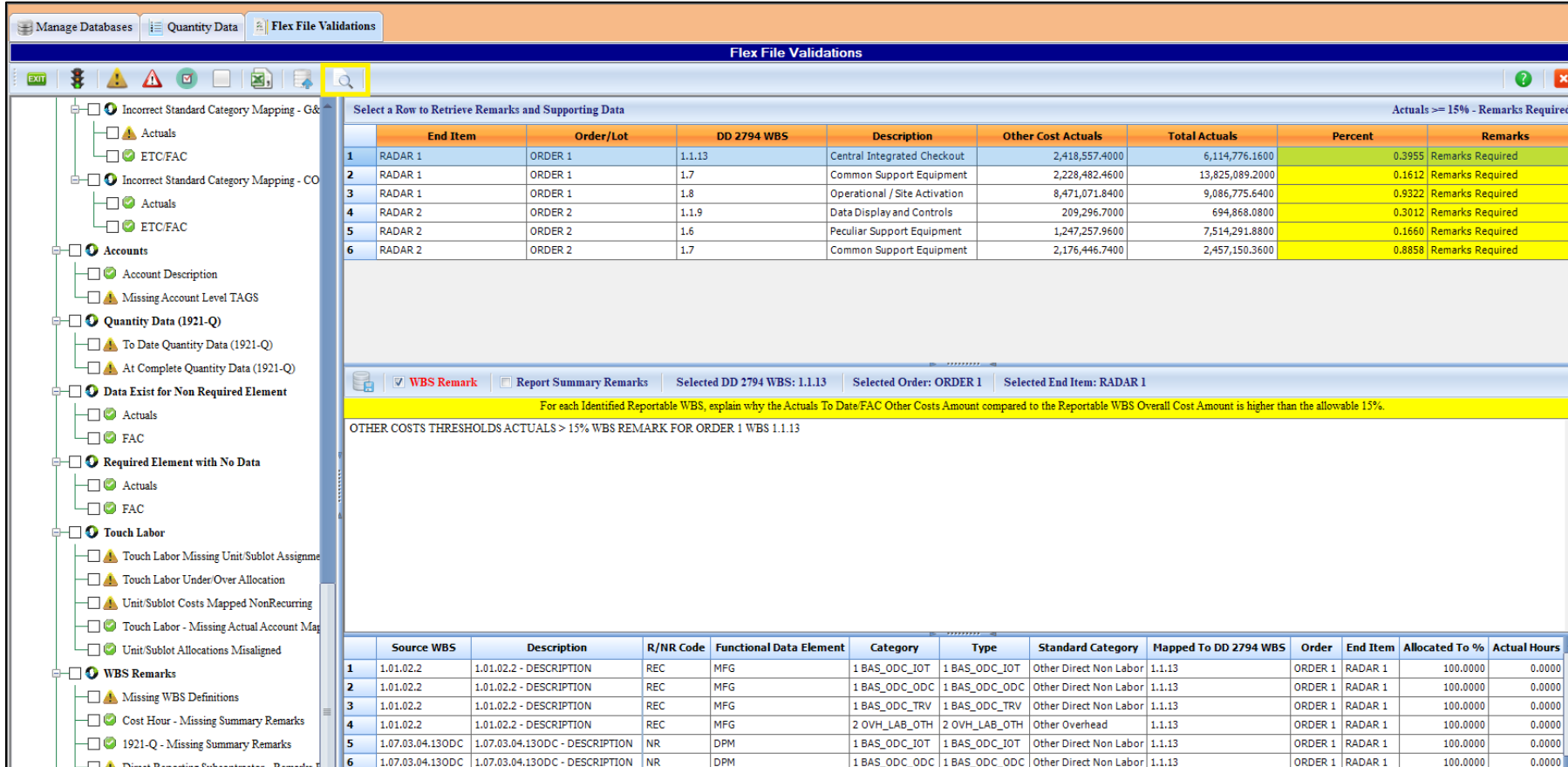


	Order	End Item	Report	Actuals Hours	Actuals Dollars
1			Contract Total Cost	688,974.4460	185,555,129.88
2	ORDER 1	RADAR 1	Report Total	652,268.5625	179,478,681.49
3			Order/End Item Total	652,268.5625	179,478,681.49
4			DELTA	36,705.8835	6,076,448.38

- Over 70+ Numeric and Structural validation checks and growing!
- Yellow warnings requires assessment and potential remarks; red warnings = hard stop (JSON upload will fail)

C*CERT+ Flex File Solution

Flex File Data Validations:



	End Item	Order/Lot	DD 2794 WBS	Description	Other Cost Actuals	Total Actuals	Percent	Remarks
1	RADAR 1	ORDER 1	1.1.13	Central Integrated Checkout	2,418,557.4000	6,114,776.1600	0.3955	Remarks Required
2	RADAR 1	ORDER 1	1.7	Common Support Equipment	2,228,482.4600	13,825,089.2000	0.1612	Remarks Required
3	RADAR 1	ORDER 1	1.8	Operational / Site Activation	8,471,071.8400	9,086,775.6400	0.9322	Remarks Required
4	RADAR 2	ORDER 2	1.1.9	Data Display and Controls	209,296.7000	694,868.0800	0.3012	Remarks Required
5	RADAR 2	ORDER 2	1.6	Peculiar Support Equipment	1,247,257.9600	7,514,291.8800	0.1660	Remarks Required
6	RADAR 2	ORDER 2	1.7	Common Support Equipment	2,176,446.7400	2,457,150.3600	0.8858	Remarks Required

WBS Remark | Report Summary Remarks | Selected DD 2794 WBS: 1.1.13 | Selected Order: ORDER 1 | Selected End Item: RADAR 1

For each Identified Reportable WBS, explain why the Actuals To Date/FAC Other Costs Amount compared to the Reportable WBS Overall Cost Amount is higher than the allowable 15%.

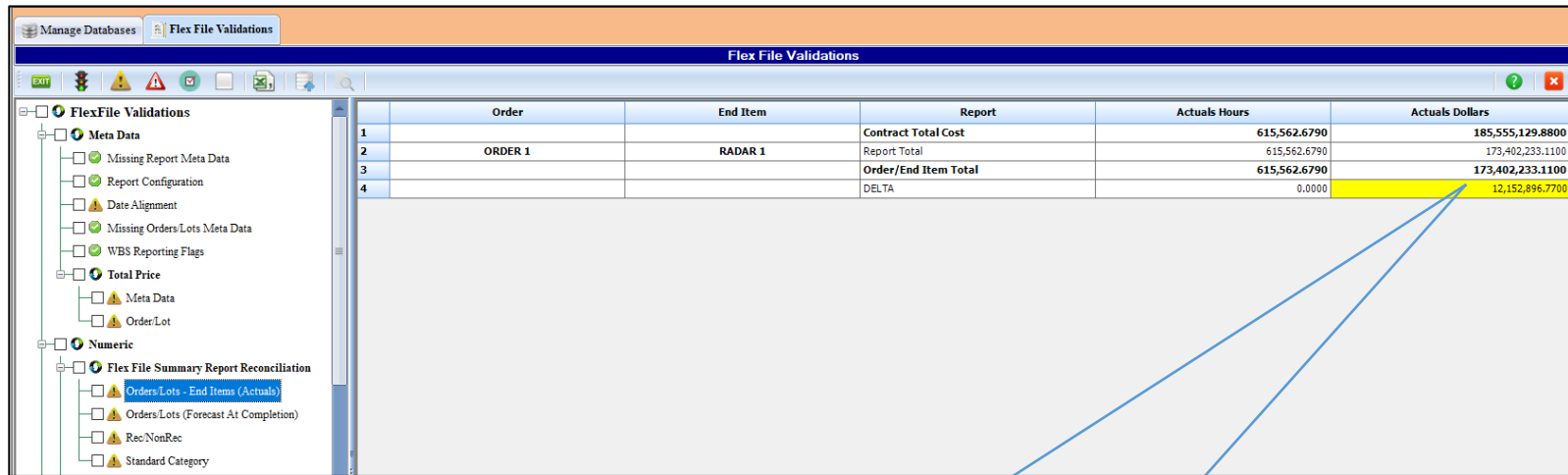
OTHER COSTS THRESHOLDS ACTUALS > 15% WBS REMARK FOR ORDER 1 WBS 1.1.13

	Source WBS	Description	R/NR Code	Functional Data Element	Category	Type	Standard Category	Mapped To DD 2794 WBS	Order	End Item	Allocated To %	Actual Hours
1	1.01.02.2	1.01.02.2 - DESCRIPTION	REC	MFG	1 BAS_ODC_IOT	1 BAS_ODC_IOT	Other Direct Non Labor	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000
2	1.01.02.2	1.01.02.2 - DESCRIPTION	REC	MFG	1 BAS_ODC_ODC	1 BAS_ODC_ODC	Other Direct Non Labor	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000
3	1.01.02.2	1.01.02.2 - DESCRIPTION	REC	MFG	1 BAS_ODC_TRV	1 BAS_ODC_TRV	Other Direct Non Labor	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000
4	1.01.02.2	1.01.02.2 - DESCRIPTION	REC	MFG	2 OVH_LAB_OTH	2 OVH_LAB_OTH	Other Overhead	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000
5	1.07.03.04.13ODC	1.07.03.04.13ODC - DESCRIPTION	NR	DPM	1 BAS_ODC_IOT	1 BAS_ODC_IOT	Other Direct Non Labor	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000
6	1.07.03.04.13ODC	1.07.03.04.13ODC - DESCRIPTION	NR	DPM	1 BAS_ODC_ODC	1 BAS_ODC_ODC	Other Direct Non Labor	1.1.13	ORDER 1	RADAR 1	100.0000	0.0000

- Enter WBS/Summary remarks directly in Validation module where required!
- C*CERT+ displays all detailed supporting data driving the required remark at the WBS level!

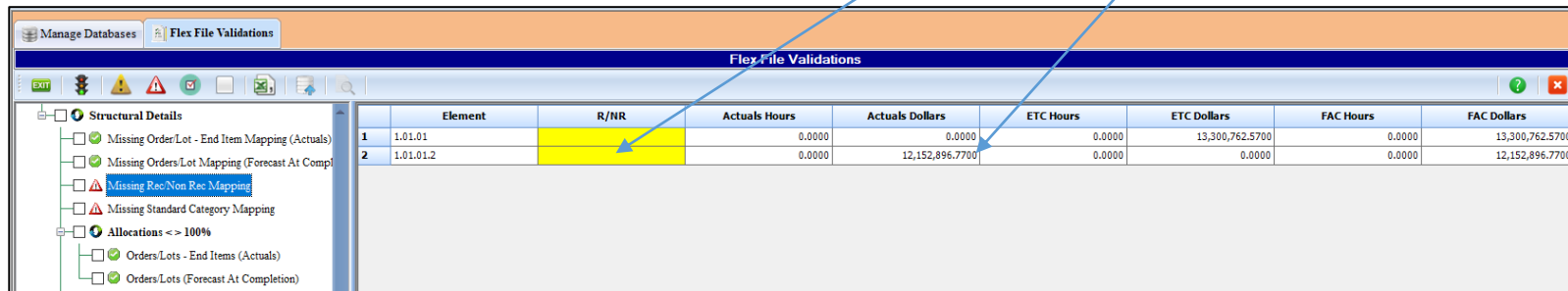
C*CERT+ Flex File Solution

Flex File Data Validations:



	Order	End Item	Report	Actuals Hours	Actuals Dollars
1			Contract Total Cost	615,562.6790	185,555,129.8800
2	ORDER 1	RADAR 1	Report Total	615,562.6790	173,402,233.1100
3			Order/End Item Total	615,562.6790	173,402,233.1100
4			DELTA	0.0000	12,152,896.7700

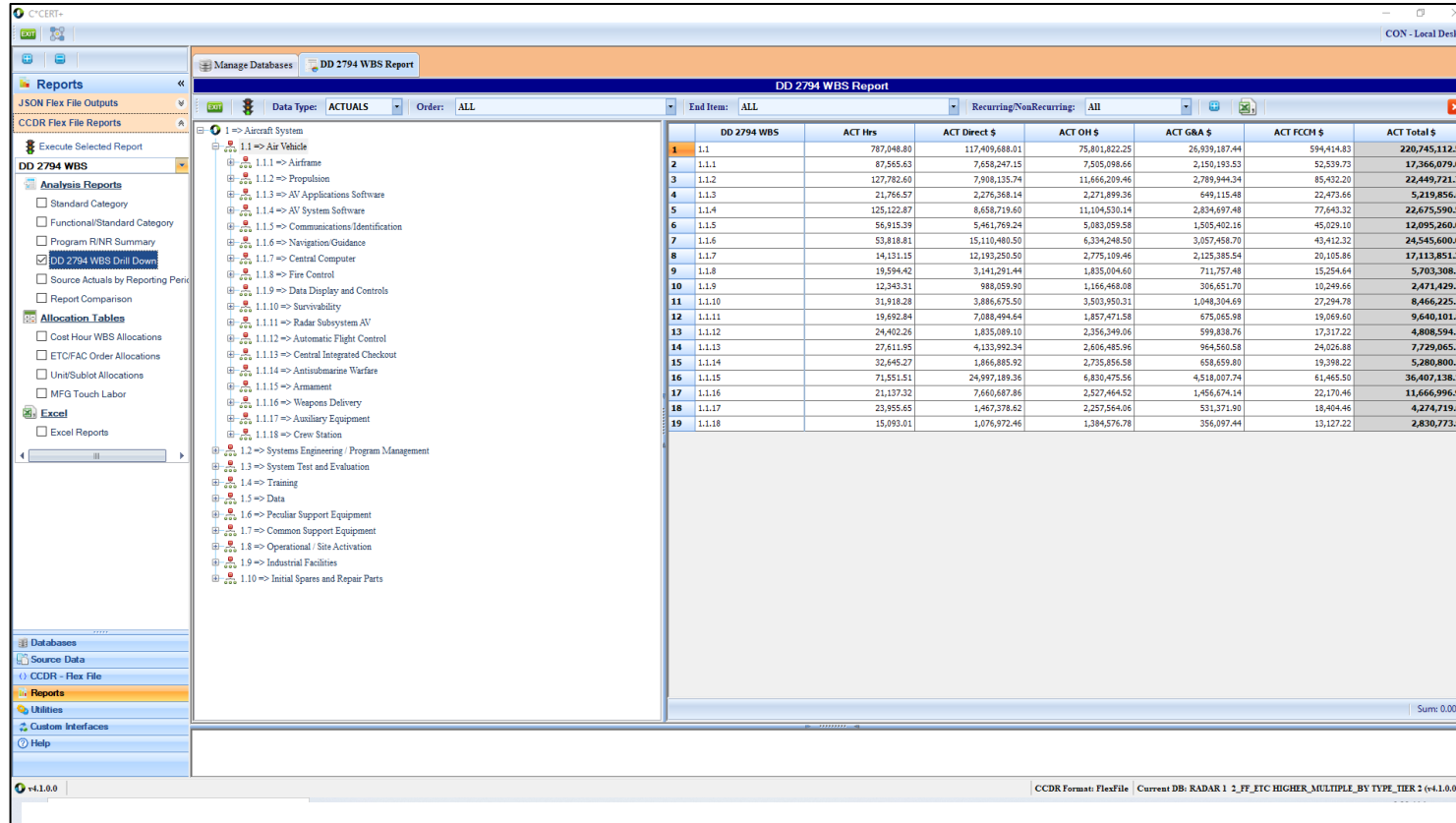
- C*CERT+ will isolate any and all elements with missing mappings or allocations or other structural issues driving top level report reconciliation issues; saving users valuable time locating and correcting either in C*CERT+ or in the source systems!



	Element	R/NR	Actuals Hours	Actuals Dollars	ETC Hours	ETC Dollars	FAC Hours	FAC Dollars
1	1.01.01		0.0000	0.0000	0.0000	13,300,762.5700	0.0000	13,300,762.5700
2	1.01.01.2		0.0000	12,152,896.7700	0.0000	0.0000	0.0000	12,152,896.7700

C*CERT+ Flex File Solution

Flex File Analysis Reports: 



	DD 2794 WBS	ACT Hrs	ACT Direct \$	ACT OH \$	ACT G&A \$	ACT FCCH \$	ACT Total \$
1	1.1	787,048.80	117,409,688.01	75,801,822.25	26,939,187.44	594,414.83	220,745,112.53
2	1.1.1	87,565.63	7,658,247.15	7,505,098.66	2,150,193.53	52,539.73	17,366,079.07
3	1.1.2	127,782.60	7,908,135.74	11,666,209.46	2,789,944.34	85,432.20	22,449,721.74
4	1.1.3	21,766.57	2,276,368.14	2,271,899.36	649,115.48	22,473.66	5,219,856.64
5	1.1.4	125,122.87	8,658,719.60	11,104,530.14	2,834,697.48	77,643.32	22,675,590.54
6	1.1.5	56,915.39	5,461,769.24	5,083,059.58	1,505,402.16	45,029.10	12,095,260.08
7	1.1.6	53,818.81	15,110,480.50	6,334,248.50	3,057,458.70	43,412.32	24,545,600.02
8	1.1.7	14,131.15	12,193,250.50	2,775,109.46	2,125,385.54	20,105.86	17,113,851.36
9	1.1.8	19,594.42	3,141,291.44	1,835,004.60	711,757.48	15,254.64	5,703,308.16
10	1.1.9	12,343.31	988,059.90	1,166,468.08	306,651.70	10,249.66	2,471,429.34
11	1.1.10	31,918.28	3,886,675.50	3,503,950.31	1,048,304.69	27,294.78	8,466,225.28
12	1.1.11	19,692.84	7,088,494.64	1,857,471.58	675,065.98	19,069.60	9,640,101.80
13	1.1.12	24,402.26	1,835,089.10	2,356,349.06	599,838.76	17,317.22	4,808,594.14
14	1.1.13	27,611.95	4,133,992.34	2,606,485.96	964,560.58	24,026.88	7,729,065.76
15	1.1.14	32,645.27	1,866,885.92	2,735,856.58	658,659.80	19,398.22	5,280,800.52
16	1.1.15	71,551.51	24,997,189.36	6,830,475.56	4,518,007.24	61,465.50	36,407,138.16
17	1.1.16	21,137.32	7,660,687.86	2,527,464.52	1,456,674.14	22,170.46	11,666,996.98
18	1.1.17	23,955.65	1,467,378.62	2,257,564.06	531,371.90	18,404.46	4,274,719.04
19	1.1.18	15,993.01	1,076,972.46	1,384,576.78	356,097.44	13,127.22	2,830,773.90

- C*CERT+ provides numerous analysis reports for analyzing and reviewing CCDD Flex File data!
- Run Report Comparison to compare two separate CCDD submittals to assess changes (e.g. Interim vs. Final)
- Run Excel reports to view Flex File data in Legacy 1921 & 1921-1 Excel formats (for PM review)

C*CERT+ Flex File Solution

View Flex File Data in Familiar 1921 DiD Formats:



Excel Reports		
EXIT		
Report	Order	Execute
1 View Flex File data in Legacy 1921 Excel Format	ORDER 1	
2 View Flex File data in Legacy 1921-1 Excel Format		

SECURITY CLASSIFICATION		Unclassified		Order: ORDER1		8/19/20215:51:43 PM	
FlexFile COST DATA SUMMARY REPORT							
VBS ELEMENT CODE	VBS REPORTING ELEMENTS	COSTS INCURRED TO DATE			COSTS INCURRED AT COMPLETION		
		NONRECURRING	RECURRING	TOTAL	NONRECURRING	RECURRING	TOTAL
1	Aircraft System	\$93,403,628.2	\$79,998,605.0	\$173,402,233.1	\$153,295,994.4	\$129,494,128.0	\$282,790,122.4
1.1	Air Vehicle	\$69,330,909.3	\$34,966,362.0	\$104,297,271.3	\$105,227,588.2	\$69,190,962.7	\$174,418,550.9
1.1.1	Airframe	\$540,422.0	\$2,066,169.1	\$2,606,591.2	\$2,598,163.3	\$2,077,451.7	\$4,675,615.0
1.1.2	Propulsion	\$9,975,360.1	\$1,249,500.7	\$11,224,860.9	\$11,116,463.4	\$3,742,841.9	\$14,859,305.3
1.1.3	AV Applications Software	\$1,641,088.2	\$968,840.1	\$2,609,928.3	\$6,608,955.2	\$968,840.1	\$7,577,795.4
1.1.4	AV System Software	\$10,638,979.0	\$698,816.3	\$11,337,795.3	\$13,696,325.9	\$698,816.3	\$14,395,142.2
1.1.5	Communications/Identification	\$5,323,413.9	\$724,216.1	\$6,047,630.0	\$5,623,610.3	\$961,140.9	\$6,584,751.3
1.1.6	Navigation/Guidance	\$9,978,050.2	\$2,294,749.9	\$12,272,800.0	\$11,858,383.1	\$5,517,411.7	\$17,375,794.8
1.1.7	Central Computer	\$3,876,195.8	\$4,680,729.9	\$8,556,925.7	\$3,880,258.2	\$5,637,218.3	\$9,517,476.4
1.1.8	Fire Control	\$202,108.0	\$2,649,546.0	\$2,851,654.1	\$4,026,497.9	\$4,323,874.0	\$8,350,371.9
1.1.9	Data Display and Controls	\$627,295.0	\$608,419.7	\$1,235,714.7	\$712,339.1	\$1,295,075.3	\$2,007,414.4
1.1.10	Survivability	\$2,895,237.3	\$1,339,038.7	\$4,234,276.0	\$18,133,429.6	\$2,779,796.1	\$20,913,225.7
1.1.11	1.1.11	\$4,375,429.3	\$444,621.6	\$4,820,050.9	\$5,738,651.3	\$3,336,477.4	\$9,075,128.7
1.1.12	Automatic Flight Control	\$2,222,050.4	\$162,246.7	\$2,404,297.1	\$2,355,410.6	\$862,241.1	\$3,217,651.7
1.1.13	Central Integrated Checkout	\$1,420,864.3	\$2,443,868.6	\$3,864,732.9	\$1,887,582.4	\$7,965,727.8	\$9,753,310.2
1.1.14	Antisubmarine Warfare	\$590,121.2	\$2,060,279.0	\$2,650,400.3	\$590,121.2	\$7,308,698.6	\$7,898,819.8
1.1.15	Armament	\$12,211,226.7	\$5,992,342.4	\$18,203,569.1	\$13,069,988.7	\$8,674,927.5	\$21,744,916.2
1.1.16	Weapons Delivery	\$452,060.4	\$5,381,438.1	\$5,833,498.5	\$855,868.2	\$7,130,952.6	\$7,986,820.8
1.1.17	Auxiliary Equipment	\$158,859.5	\$618,500.0	\$777,359.5	\$1,569,607.1	\$2,470,064.9	\$4,039,672.0
1.1.18	Crew Station	\$852,347.9	\$563,039.1	\$1,415,387.0	\$915,934.4	\$2,879,418.3	\$3,795,352.7
1.2	Systems Engineering / Program Management	\$859,608.9	\$1,355,350.1	\$2,214,959.0	\$3,244,663.3	\$3,488,133.7	\$6,732,803.0
1.3	System Test and Evaluation	\$1,902,127.2	\$6,424,889.4	\$8,327,016.6	\$1,961,256.1	\$11,289,739.9	\$13,250,996.0
1.4	Training	\$3,710,426.8	\$716,831.7	\$4,427,258.4	\$17,344,305.7	\$716,831.7	\$18,061,137.4
1.5	Data	\$3,050,268.7	\$1,980,413.7	\$5,030,682.4	\$3,165,837.8	\$7,153,945.1	\$10,309,782.9
1.6	Peculiar Support Equipment	\$1,549,099.4	\$10,232,837.5	\$11,781,936.9	\$1,595,851.6	\$11,631,418.8	\$13,227,271.4
1.7	Common Support Equipment	\$3,098,259.5	\$6,153,061.4	\$9,251,320.9	\$3,435,813.1	\$6,391,541.5	\$9,827,354.6
1.8	Operational / Site Activation	\$5,638,387.7	\$8,530,039.3	\$14,168,427.0	\$9,097,878.9	\$8,530,039.3	\$17,627,918.3
1.9	Industrial Facilities	\$32,802.7	\$7,918,704.9	\$7,951,507.6	\$1,334,756.4	\$8,021,588.3	\$9,356,344.7
1.10	Initial Spares and Repair Parts	\$4,231,738.1	\$1,714,115.1	\$5,945,853.2	\$6,898,037.3	\$2,479,326.1	\$9,377,363.4
DUMMY VBS NO	DUMMY VBS NO COSTS	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Subtotal Cost				\$173,402,233.1			\$296,090,884.9
Reporting Contractor General & Administrative (G&A)				\$0.0			\$0.0
Reporting Contractor Undistributed Budget							\$0.0
Reporting Contractor Management Reserve							\$0.0
Reporting Contractor Facilities Capital Cost of Money				\$0.0			\$0.0
Total Cost				\$173,402,233.1			\$296,090,884.9
Reporting Contractor Profit/Loss or Fee				\$0.0			\$0.0
Total Price				\$173,402,233.1			\$296,090,884.9
REMARKS							
Legacy 1921							

SECURITY CLASSIFICATION		Unclassified					
Flexfile STANDARD CATEGORIES (TIER 1) LEGACY COST-HOUR REPORT							
18. VBS ELEMENT CODE	19. VBS REPORTING ELEMENT	Order: ORDER 1			8/19/20215:55:11PM		
1	Aircraft System						
STANDARD CATEGORIES (Tier 1)		COSTS AND HOURS INCURRED TO DATE (Whole U.S. Dollars or Hours)			COSTS AND HOURS INCURRED AT COMPLETION (Whole U.S. Dollars or Hours)		
		NONRECURRING	RECURRING	TOTAL	NONRECURRING	RECURRING	TOTAL
ENGINEERING							
(1) DIRECT ENGINEERING LABOR HOURS		0.0	0.0	0.0	0.0	0.0	0.0
(2) DIRECT ENGINEERING LABOR DOLLARS		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(3) ENGINEERING LABOR OVERHEAD		\$22,856,980.6	\$23,411,771.2	\$46,268,751.9	\$37,243,949.4	\$36,824,297.8	\$74,068,247.1
(4) TOTAL ENGINEERING DOLLARS (Sum of rows 2,3)		\$22,856,980.6	\$23,411,771.2	\$46,268,751.9	\$37,243,949.4	\$36,824,297.8	\$74,068,247.1
MANUFACTURING OPERATIONS							
(5) DIRECT MANUFACTURING TOUCH LABOR HOURS		51,249.5	64,028.8	115,278.3	137,840.9	89,061.7	226,902.6
(6) DIRECT MANUFACTURING TOUCH LABOR DOLLARS		\$2,469,276.3	\$2,478,911.7	\$4,948,188.0	\$5,620,631.3	\$3,538,367.0	\$9,158,998.2
(7) DIRECT MANUFACTURING OTHER LABOR HOURS		0.0	0.0	0.0	0.0	0.0	0.0
(8) DIRECT MANUFACTURING OTHER LABOR DOLLARS		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(9) DIRECT MANUFACTURING OPERATIONS LABOR OVERHEAD		\$5,230,235.7	\$5,178,849.5	\$10,409,085.2	\$12,042,497.2	\$7,497,568.7	\$19,540,065.9
(10) DIRECT MAINTENANCE TOUCH LABOR HOURS		0.0	0.0	0.0	0.0	0.0	0.0
(11) DIRECT MAINTENANCE TOUCH LABOR DOLLARS		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(12) DIRECT MAINTENANCE OTHER LABOR HOURS		1,619.9	522.1	2,141.9	3,705.1	3,036.2	6,741.3
(13) DIRECT MAINTENANCE OTHER LABOR DOLLARS		\$1,676,241.1	\$1,022,354.5	\$2,698,595.6	\$1,766,086.8	\$1,127,953.7	\$2,894,040.5
(14) DIRECT MAINTENANCE OPERATIONS LABOR OVERHEAD		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(15) TOTAL MANUFACTURING OPERATIONS DOLLARS (Sum of rows 6,8,9,11,13,14)		\$9,375,753.1	\$8,680,115.7	\$18,055,868.7	\$19,429,215.3	\$12,163,889.3	\$31,593,104.6
MATERIALS							
(16) DIRECT MATERIALS DOLLARS		\$26,282,933.5	\$16,251,596.4	\$42,534,529.8	\$31,338,282.3	\$28,319,013.6	\$59,657,295.9
(17) MATERIAL OVERHEAD DOLLARS		\$1,268,701.8	\$1,722,325.8	\$2,991,027.6	\$1,605,931.5	\$2,373,110.7	\$3,979,042.2
(18) TOTAL MATERIAL DOLLARS (Sum of rows 16,17)		\$27,551,635.3	\$17,973,922.2	\$45,525,557.5	\$32,944,213.7	\$30,692,124.3	\$63,636,338.0
OTHER COSTS							
(19) HOURS FOUND IN NON LABOR BUCKETS		0.0	0.0	0.0	0.0	0.0	0.0
(20) OTHER DIRECT COST DOLLARS		\$6,746,110.0	\$4,047,661.2	\$10,793,771.2	\$13,966,218.1	\$8,440,144.4	\$28,406,362.4
(21) OTHER OVERHEAD DOLLARS		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
(22) TOTAL OTHER COSTS DOLLARS (Sum of rows 20,21)		\$6,746,110.0	\$4,047,661.2	\$10,793,771.2	\$13,966,218.1	\$8,440,144.4	\$28,406,362.4
SUMMARY							
(23) TOTAL HOURS		52,869.4	64,550.9	117,420.3	141,546.0	92,097.9	233,643.9
(24) TOTAL COST (Direct and Overhead)		\$66,530,478.9	\$54,113,470.3	\$120,643,949.2	\$109,583,596.5	\$88,120,455.7	\$197,704,052.2
REMARKS							

C*CERT+ Flex File Solution

View JSON Flex File Data: ✓

The screenshot displays the C*CERT+ Flex File Solution interface. On the left, the 'Reports' menu is open, showing 'JSON Flex File Outputs' and 'Import JSON' (highlighted). Below it are 'CCDR Flex File Reports' and 'Excel Reports'. The main window shows a grid of data with columns: OrderOrLotID, CLIN_ID, EndItemID, WBS_ElementID, AccountID, NonrecurringOrRecurringID, FunctionalCategoryID, FunctionalOverheadCategoryID, and StandardCategoryID. The grid contains 17 rows of data. On the right, a list of JSON files is shown, including Accounts.json, ActualCostHourData.json, AllocationComponents.json, AllocationMethods.json, CLINs.json, EndItems.json, ForecastAtCompletionCostHourData.json, FunctionalCategories.json, FunctionalOverheadCategories.json, OrdersOrLots.json, ReportConfiguration.json, ReportingCalendar.json, ReportMetadata.json, SummaryCostData.json, UnitsOrSublots.json, WBS.json, and WBSDictionaryDefinitions.json. A blue arrow points from the 'Import JSON' option to the list of JSON files.

	OrderOrLotID	CLIN_ID	EndItemID	WBS_ElementID	AccountID	NonrecurringOrRecurringID	FunctionalCategoryID	FunctionalOverheadCategoryID	StandardCategoryID
592	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
593	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
594	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
595		003			1.01.01.2CB	NONRECURRING	1 BAS_LAB_MFG	MFGOH	DIRECT_MANUFACTURING_TOUCH_L
596	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
597	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
598	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
599	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	1 BAS_LAB_ENG		
600		003			1.01.01.2CB	NONRECURRING	1 BAS_LAB_MFG	MFGOH	DIRECT_MANUFACTURING_TOUCH_L
601	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_ENG	ENG	ENGINEERING_LABOR_OVERHEAD
602	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
603	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
604	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
605		003			1.01.01.2CB	NONRECURRING	1 BAS_LAB_MFG	MFGOH	DIRECT_MANUFACTURING_TOUCH_L
606	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
607	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
608	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
609		003			1.01.01.2CB	NONRECURRING	1 BAS_LAB_MFG	MFGOH	DIRECT_MANUFACTURING_TOUCH_L
610	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
611	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
612	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
613		003			1.01.01.2CB	NONRECURRING	1 BAS_LAB_MFG	MFGOH	DIRECT_MANUFACTURING_TOUCH_L
614	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	2 OVH_LAB_MFG	MFGOH	MANUFACTURING_OPERATIONS_LABO
615	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	3 G&A_G&A_G&A	Not Applicable	GENERAL_AND_ADMINISTRATIVE
616	1	003	1	1.1.3	1.01.01.2CB	NONRECURRING	4 COM_COM_COM	Not Applicable	FACILITIES_CAPITAL_COST_OF_MONE
617	1		004	1.1.4	1.01.01.2CC	RECURRING	1 BAS_LAB_ENG		

- After generating the JSON files, utilize the Import JSON option
- Every JSON table is presented in user friendly grid format for review and analysis
- Filter option provides additional data grooming
- Output to Excel for extended analysis and review

Addendum A:

Cobra: Direct Read Only Interface

- **COBRA interface** includes support for:
 - Cobra v8.2 and higher
 - SQL Server and ORACLE
 - Direct, Read Only, Data Extractions
 - Master Projects
 - COBRA Project Security
 - Multiple Project Selection for Consolidation when needed
 - Data Extractions support for both Legacy and Flex File CCDR Requirements
 - Data Extractions by Classes or Cost Sets....and more!

Addendum A:

Cobra: Direct Read Only Interface

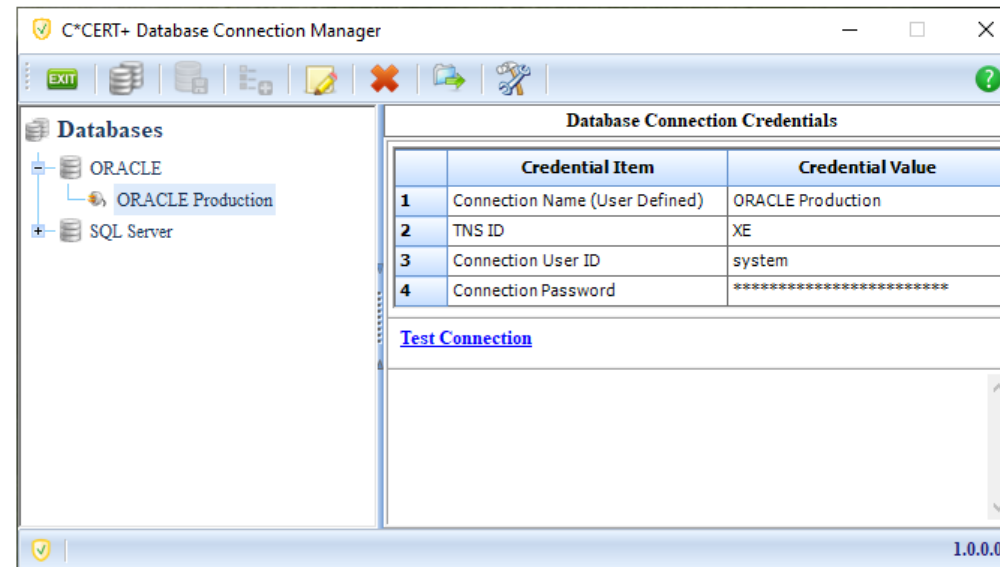
COBRA Connection Requirements

Available C*CERT+ COBRA Connections come from the C*CERT+ Database Connections Manager.

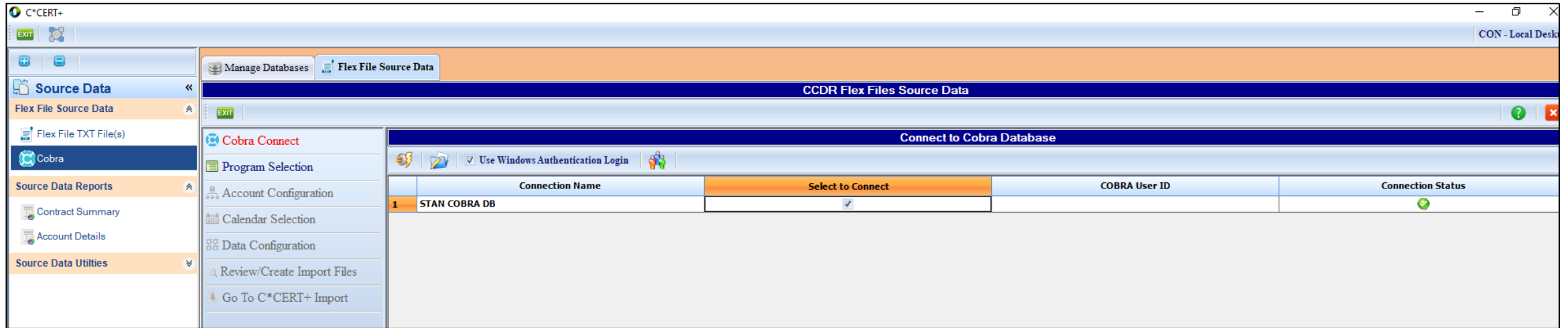
Using the C*CERT+ Database Connection Manager - a Connection Database is created and then Deployed to C*CERT+ Users.

The C*CERT+ Database Connection Manager is managed and deployed by either the C*CERT+ Administrator or the IT Database Administrator.

Please contact your C*CERT+ Administrator or IT Database Administrator for further details.



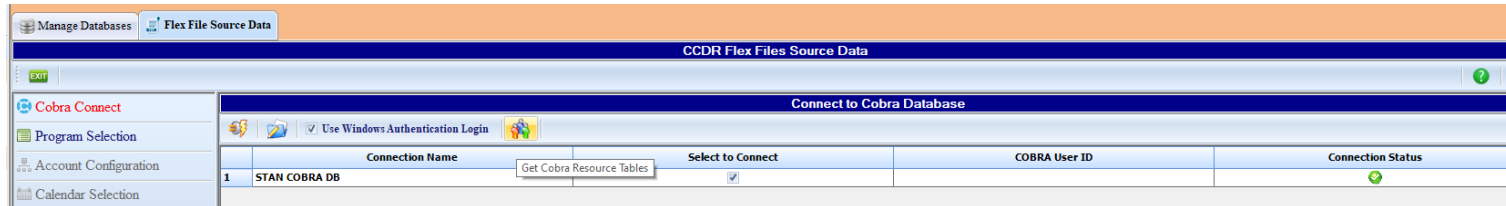
Addendum A: Cobra: Direct Read Only Interface




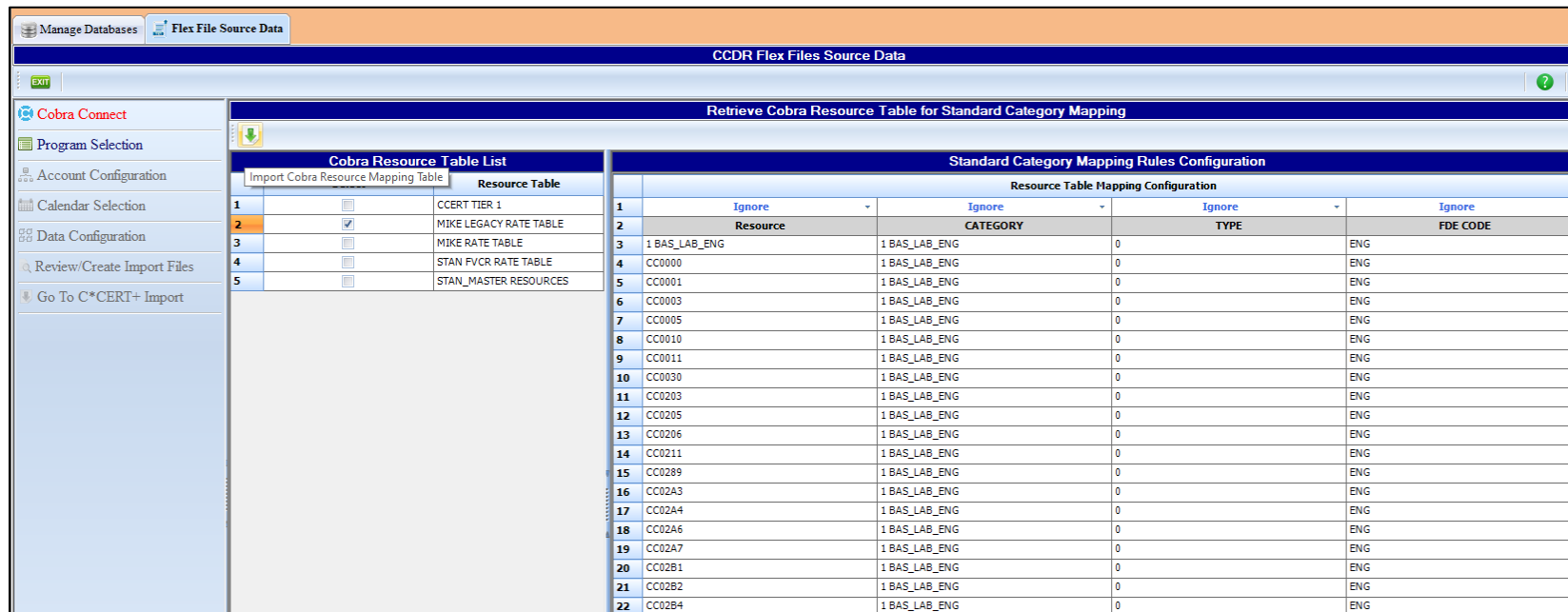
- Connect to a DB provided by your DB Administrator

Addendum A:

Cobra: Direct Read Only Interface



Connection Name	Select to Connect	COBRA User ID	Connection Status
1 STAN COBRA DB	<input checked="" type="checkbox"/>		



Cobra Resource Table List	
Import Cobra Resource Mapping Table	Resource Table
<input type="checkbox"/>	CCERT TIER 1
<input checked="" type="checkbox"/>	MIKE LEGACY RATE TABLE
<input type="checkbox"/>	MIKE RATE TABLE
<input type="checkbox"/>	STAN FVCR RATE TABLE
<input type="checkbox"/>	STAN_MASTER RESOURCES

Standard Category Mapping Rules Configuration				
Resource Table Mapping Configuration				
Ignore	Ignore	Ignore	Ignore	FDE CODE
Resource	CATEGORY	TYPE		
1 1 BAS_LAB_ENG	1 BAS_LAB_ENG	0		ENG
4 CC0000	1 BAS_LAB_ENG	0		ENG
5 CC0001	1 BAS_LAB_ENG	0		ENG
6 CC0003	1 BAS_LAB_ENG	0		ENG
7 CC0005	1 BAS_LAB_ENG	0		ENG
8 CC0010	1 BAS_LAB_ENG	0		ENG
9 CC0011	1 BAS_LAB_ENG	0		ENG
10 CC0030	1 BAS_LAB_ENG	0		ENG
11 CC0203	1 BAS_LAB_ENG	0		ENG
12 CC0205	1 BAS_LAB_ENG	0		ENG
13 CC0206	1 BAS_LAB_ENG	0		ENG
14 CC0211	1 BAS_LAB_ENG	0		ENG
15 CC0289	1 BAS_LAB_ENG	0		ENG
16 CC02A3	1 BAS_LAB_ENG	0		ENG
17 CC02A4	1 BAS_LAB_ENG	0		ENG
18 CC02A6	1 BAS_LAB_ENG	0		ENG
19 CC02A7	1 BAS_LAB_ENG	0		ENG
20 CC02B1	1 BAS_LAB_ENG	0		ENG
21 CC02B2	1 BAS_LAB_ENG	0		ENG
22 CC02B4	1 BAS_LAB_ENG	0		ENG

- Create a single, standardized Functional Category Mapping Rules Resource Table in Cobra to be used for all programs across the Enterprise
- Select that designated table from the “Get Cobra Resource Tables” utility
- Import that table to automatically populate the C*CERT+ Standard Category Mapping Rules table, thus saving significant time.

Addendum A:

Cobra: Direct Read Only Interface

EXIT

Source Data

Flex File Source Data

Flex File TXT File(s)

Cobra

Source Data Reports

Contract Summary

Account Details

Source Data Utilities

Manage Databases

Flex File Source Data

Cobra Connect

Program Selection

Account Configuration

Calendar Selection

Data Configuration

Review/Create Import Files

Go To C*CERT+ Import

CCDR Flex Files Source Data

Select Cobra Program for Data Extraction

	Is Master Program?	Program	Select
1		Demo Advanced	<input type="checkbox"/>
2		GD REV1	<input type="checkbox"/>
3		KC46_AT5_July_2019	<input type="checkbox"/>
4	✓	MASTER FOR PROJ 1 & 2	<input type="checkbox"/>
5		MIKE FINAL GD TEST	<input type="checkbox"/>
6		MIKE TEST PROJECT 1	<input type="checkbox"/>
7	✓	MY MASTER PROJECT	<input type="checkbox"/>
8		New Project 1	<input type="checkbox"/>
9		RADAR 1 BETTY DEMO	<input checked="" type="checkbox"/>
10		RADAR 1 BETTY DEMO_BAD	<input type="checkbox"/>
11		STAN NEW TEST PROGRAM	<input type="checkbox"/>
12		STAN TEST GD CAL	<input type="checkbox"/>
13		STAN TEST GD DAILY	<input type="checkbox"/>
14		STAN TEST NO ACTUALS	<input type="checkbox"/>
15		STAN TEST PROJECT 1	<input type="checkbox"/>
16		STAN TEST PROJECT 2	<input type="checkbox"/>
17		STAN_MASTER	<input type="checkbox"/>
18		TEST NO ACTUALS	<input type="checkbox"/>

Program Configuration

1	Is Zero Actuals Submittal?	<input type="checkbox"/>
2	Report As Of:	
3	Actuals Timeframe Option?	Actuals By Period

Addendum A:

Cobra: Direct Read Only Interface

Manage Databases

Flex File Source Data

CCDR Flex Files Source Data

EXIT

Cobra Connect

Program Selection

Account Configuration

Calendar Selection

Data Configuration

Review/Create Import Files

Go To C*CERT+ Import

RADAR 1 BETTY DEMO

	Actuals Account Field Options	Actual Account Field Configuration	ETC Account Field Options	ETC Account Field Configuration	Rollup ETC To Account Field?
1	CA Field 1: WBS	<input type="checkbox"/>	CA Field 1: WBS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	CA Field 2: OBS	<input type="checkbox"/>	CA Field 2: OBS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	CA Field 3: IPT	<input type="checkbox"/>	CA Field 3: IPT	<input type="checkbox"/>	<input type="checkbox"/>
4	WP Field: WP	<input checked="" type="checkbox"/>	WP Field: WP	<input type="checkbox"/>	<input type="checkbox"/>

	Code Field (TAG Field Candidate)	Cobra Field ID	Select as Candidates for Account Level TAG fields
1	Perf OBS	C1	<input checked="" type="checkbox"/>
2	CLIN	C2	<input type="checkbox"/>
3	Charge Number	C3	<input type="checkbox"/>
4	MPM EVT	C4	<input type="checkbox"/>
5	IWR-SUB	C5	<input checked="" type="checkbox"/>
6	CSDR	C6	<input checked="" type="checkbox"/>
7	Kenrich	C7	<input type="checkbox"/>
8	M-Value	C8	<input type="checkbox"/>
9	Reoccurring	C9	<input type="checkbox"/>

Addendum A:

Cobra: Direct Read Only Interface

The screenshot displays the 'Configure Cobra Calendar' window within the Cobra Connect application. The sidebar on the left includes options like 'Cobra Connect', 'Program Selection', 'Account Configuration', 'Calendar Selection' (highlighted), 'Data Configuration', 'Review/Create Import Files', and 'Go To C*CERT+ Import'. The main content area features a title bar 'CCDR Flex Files Source Data' and a sub-header 'Configure Cobra Calendar'. It contains instructions: 'A Single Calendar for All Programs must be selected. The Calendar Selected should be compatible for all Programs Selected.' and a highlighted note: 'C*CERT+ Requires the selected COBRA Calendar FSC_DATE field to be a START Date NOT an END Date.' Below this, it lists supported COBRA Calendar Label Formats. At the bottom, a table lists various calendars with a 'Select' checkbox for each. The 'FF CCDR' calendar is selected, indicated by a checked checkbox and a yellow highlight.

	Calendar Name	Select
1	Demo Advanced	<input type="checkbox"/>
2	FF CCDR	<input checked="" type="checkbox"/>
3	KC46_ATS_2019_July	<input type="checkbox"/>
4	KC46_ATS_July_2019	<input type="checkbox"/>
5	MIKE TEST PROJECT 1	<input type="checkbox"/>
6	MIKES TEST CALENDAR	<input type="checkbox"/>
7	New Project 1	<input type="checkbox"/>
8	RADAR 1 BETTY DEMO	<input type="checkbox"/>
9	STAN DAILY	<input type="checkbox"/>
10	STAN GD REV1	<input type="checkbox"/>
11	STAN TEST GD	<input type="checkbox"/>
12	STAN_MASTER	<input type="checkbox"/>

- Create a standardized Calendar in Cobra to be used by all programs across the Enterprise
- Calendar format should conform to C*CERT+ requirement
- Select that designated Calendar from the list

Addendum A:

Cobra: Direct Read Only Interface

Manage DatabasesFlex File Source Data

CCDR Flex Files Source Data

EXIT

Cobra Connect

Program Selection

Account Configuration

Calendar Selection

Data Configuration

Review/Create Import Files

Go To C*CERT+ Import

RADAR 1 BETTY DEMO

☒ Cobra ClassesCobra Cost Sets

	Cobra Class	Class Description	CCDR Actual	CCDR Forecast
1	Actual	Actual Costs (ACWP)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Forecast	Estimate To Complete (ETC)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Temp_BCWP	Temporary Class for History	<input type="checkbox"/>	<input type="checkbox"/>

☒ Program Resource Assignment CodesResource Assignment Codes

	Resource Assignment Code	Code Field	Select as Candidates for Resource Level TAG fields	Select to use as C*CERT+ Type Field (Optional)
1	BCR	C1	<input type="checkbox"/>	<input type="checkbox"/>
2	TYPE	C2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Addendum A:

Cobra: Direct Read Only Interface

Manage Databases

Flex File Source Data

CCDR Flex Files Source Data

EXIT

Cobra Connect

Program Selection

Account Configuration

Calendar Selection

Data Configuration

Review/Create Import Files

Go To C*CERT+ Import

Cobra Data Extraction Process

Configuration Satisfied Configuration Not Satisfied Optional: No Values Selected

	Configuration Item	Configuration Status
1	Cobra Program	✓
2	Calendar	✓
3	Actual Code Field Selection	✓
4	ETC Code Field Selection	✓
5	Optional: Acount TAG Field Count	✓
6	CCDR Actual Cobra Class	✓
7	CCDR Forecast Cobra Class	✓
8	Optional: C*CERT+ Category Type Field (Resource Assignment Code)	✓

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	C*CERT+ File	File Creation Status	Cobra TXT Files
1	Calendar	✓	C:\CCERT 4.0.0.0\OUTPUT REPORTS\RADAR 1 BETTY DEMO_Calendar_20210819074015.txt
2	WBS Structure	✓	C:\CCERT 4.0.0.0\OUTPUT REPORTS\RADAR 1 BETTY DEMO_WBS_20210819074015.txt
3	Actuals	✓	C:\CCERT 4.0.0.0\OUTPUT REPORTS\RADAR 1 BETTY DEMO_Actual_20210819074015.txt
4	ETC	✓	C:\CCERT 4.0.0.0\OUTPUT REPORTS\RADAR 1 BETTY DEMO_ETC_20210819074015.txt

Addendum A:

Cobra: Direct Read Only Interface

