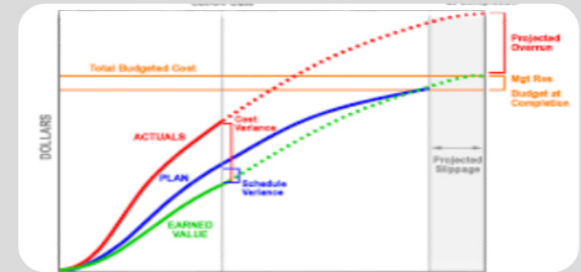
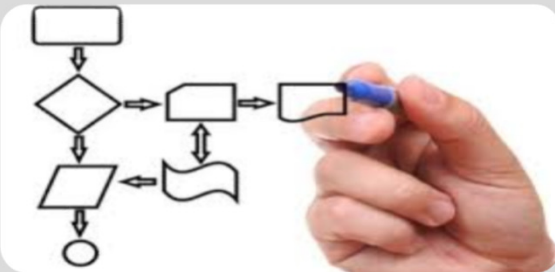




EMPOWER

DOE July 24, 2018

Empower



Modern Design

- Single Integrated Tool
- Simple to Use
- Simple to Deploy
- Highly Scalable
- EV, Schedule & WAD Tool Agnostic
- Seamless Migration of Legacy Data and Customizations
- Cloud Ready

Robust Data Health Checks (EVAS – DCMA/DoE/etc.)

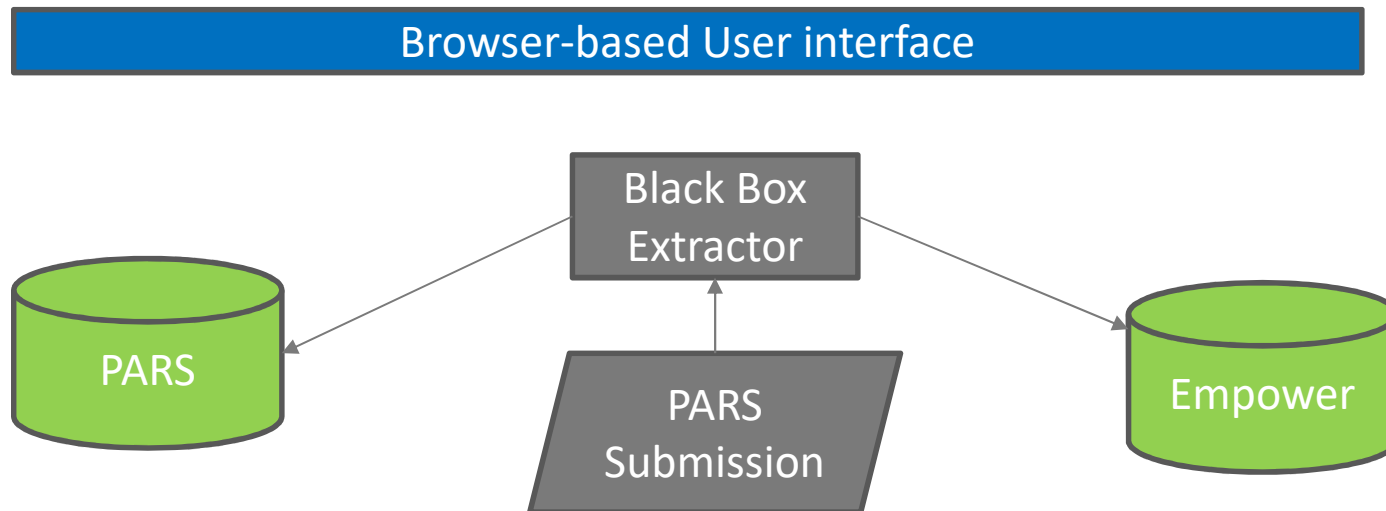
- Earned Value
- Schedule/IMS
- Cost/Schedule Integration
- WAD Integration Tests
- Status
 - Current State
 - Trends

Integrated Cost/Schedule Analytics

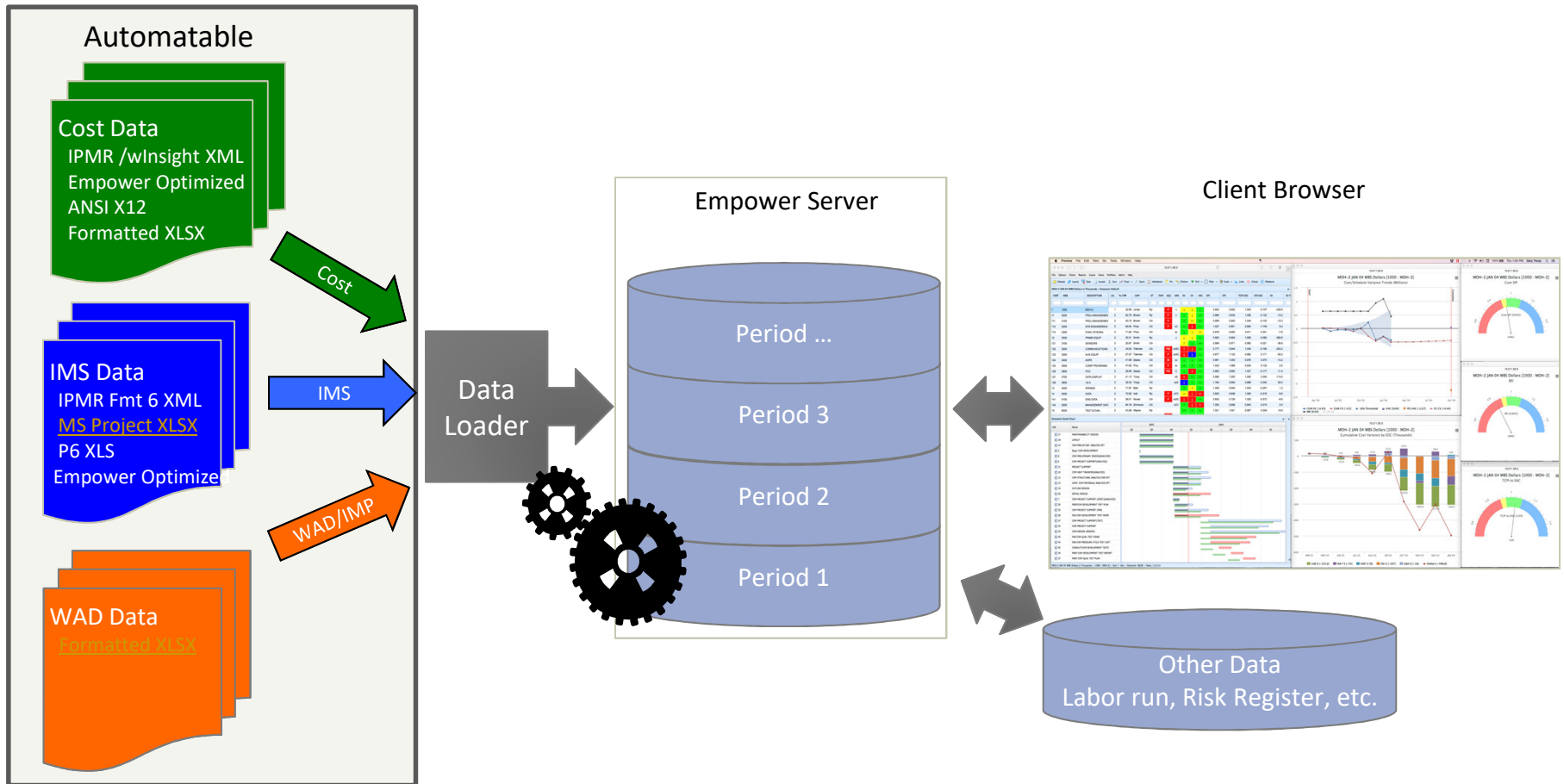
- Intuitive User Interface
- Enhanced Charts and Reports
- Element of Cost Data
- Gantt Display
- Collaborative Narrative Collection
- Corrective Action Tracking
- IEAC Input and Narrative

DOE PM30 Purchase of Empower

- Purchases Order signed July 19, 2018
- Encore committed to adding DOE LOIs
- Empower server and approximately 330 user licenses



Empower Data Loading



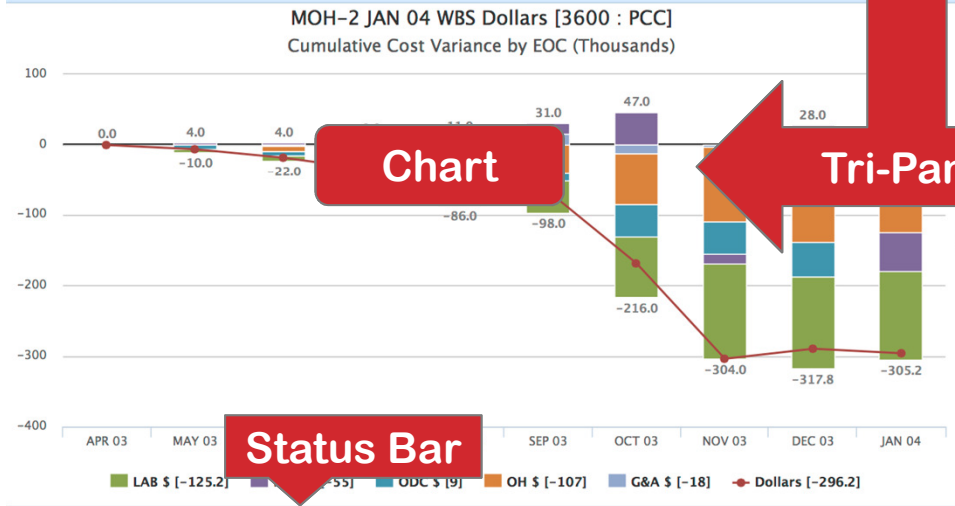
MOH- HIER	L	LVL	% CMP	CAM	ET	EVM	DQI	VAR	SV	CV	VAC	SPI	CPI	TCPI-EAC	CPI-EAC	SV	SV %	CV	CV %	VAC	VAC %	BAC	EAC	
124	3400	ADPE	x	3	41.89	Zepka	CA	SI	sc	↓	↓	↔	0.961	1.053	0.978	0.075	-10.2	-3.91	12.6	5.02	4.6	0.77	599.2	594.6
125	3500	COMP PROGRAMS	x	3	47.62	Pino	CA	F	sc				0.934	0.132	2.0	2.27	5.6	6.22	-1.4	-0.74	189.0	190.4		
126	3600	PCC	x	3	28.99	Zepka	CA	FSI	C				1.027	-0.177	-11.4	-0.67	-296.2	-17.62	-187.2	-3.23	5,800.6	5,987.8		
127	3700	DATA DISPLAY	x	3	41.13	Troop	CA		eS				1.000	0.000	-113.0	-41.45	0.0	0.00	0.00	0.00	388.0	388.0		
128	3800	I & A	x	3	35.40	Troop	CA		scS	↓	↓	↔	1.194	0.955	0.999	-0.045	83.0	19.45	-24.2	-4.75	-24.8	-1.72	1,440.0	1,464.8
13	4000	SPARES	x	2	17.87	Blair	Rp			↑	↓	↔	1.009	0.945	1.003	-0.057	1.2	0.90	-7.8	-5.78	-6.2	-0.82	755.6	761.8
14	5000	DATA		2	72.60	Hall	Rp	F	cCV	↔	↓	↔	0.933	0.838	1.055	-0.216	-6.6	-6.68	-17.8	-19.31	-16.0	-12.60	127.0	143.0
141	5100	ENG DATA	x	3	38.51	Novak	CA	F	scSC	↓	↓	↔	0.653	0.729	1.303	-0.573	-6.6	-34.74	-4.6	-37.10	0.00	0.00	32.2	32.2
142	5200	MANAGEMENT DATA	x	3	84.18	Simmons	CA		cCV	↓	↓	↑	0.000	0.858	0.843	0.015	0.0	0.00	-13.2	-16.54	-16.0	-16.88	94.8	110.8

Toolbar

Menu Bar

Sort Window

Cumulative CV by EOC Chart Narrative Report



Chart

Tri-Pane

Report

Status Bar

MOH-2 JAN 04 WBS Dollars [3600 : PCC] AI Narrative (Thousands)

Summary
The effort is behind schedule and over cost to date, and is projected to overrun at completion. This element's BAC of 5,800.6 of the total contract budget appears to be optimistic. At least one OSD tripwire has

Performance to Date
The effort is behind schedule and over cost: 29.2% of the effort is scheduled to have been completed, while 29.0% has been completed, and an amount equal to 34.1% of the budget has been spent.
The SPI indicates that work equal to 99.3% of that planned has been accomplished.
The minimum total float of linked tasks is 567.00 days. The BEI indicates that a number of tasks equal to 100.0% of those baselined to finish have actually finished. The CEI indicates that 50.0% of the tasks forecast last period to finish this period have actually finished.
The CPI indicates that for every dollar expended, 0.850 dollars of value have been earned.

EAC Analysis
The TCPI-EAC indicates that to achieve the EAC, every dollar expended in the future will have to earn 1.027 dollars of value.
The EAC appears to be overly optimistic:

Safari File Edit View History Bookmarks Window Help 10.211.55.3 Thu 1:51 PM Gary Troop

File Options Charts Reports Inputs Views Prefilters Admin Help

Dataset Layout Clear Low Sum Chart Zoom eNotebook Pin Children Drill

Tree View

Interactive Filters

Click to Sort

Custom Filters

Drill-Down

Custom Views

Drag n Drop

HIER	LVL	% CMP	ET	EVM	DQI	VAR	SV	CV	VAC	CPI	TCPI-EAC	CPI-EAC	SV	SV %	CV	CV %	VAC	VAC %	BAC	EAC
1	1000	MOH-2	32.95	J															20,796.2	20,761.0
11	2000	PROJ MANAGEMENT	32.79	B															1,384.6	1,418.6
111	2100	PROJ MANAGEMENT								0.938	0.942	1.044	-0.102	-12.0			-3.2	-0.52	618.4	621.6
112	2200	SYS ENGINEERING								1.027	0.901	2.650	-1.749	6.4			0.0	0.00	283.4	283.4
113	2300	FUNC INTEGRA								0.978	0.952	0.911	0.041	-7.6			-30.8	-6.38	482.8	513.6
12	3000	PRIME EQUIP	30.31	Smith	Rp					0.920	0.924	1.006	-0.082	-382.6			-309.0	-2.12	14,606.4	14,915.4
121	3100	SENSORS	x	3	20.87	Smith	CA			0.908	0.971	0.992	-0.021	-36.6			-21.6	-1.25	1,728.4	1,750.0
122	3200	COMMUNICATIONS	x	3	34.63	Tideman	CA			0.777	0.844	1.034	-0.190	-203.2			-87.0	-4.26	2,043.0	2,130.8
123	3300	AUX EQUIP	x	3	27.57	Tideman	CA			0.877	1.133	0.962	0.171	-93.2			78.2	11.73	2,418.2	2,409.8
124	3400	ADPE	x	3	41.89	Zepka	CA			0.961	1.053	0.978	0.075	-10.2			5.02	4.6	599.2	594.6

Bull's Eye Bubble Chart

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]

Bull's Eye Bubble Chart

AI Narrative Report

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]

AI Narrative (Thousands)

Summary

This effort is behind schedule and over cost to date, and is projected to underrun at completion. This element's BAC of 20,796.2 represents 100.0% of the total contract budget. The estimate at completion (EAC) of 14,915.4 represents 71.8% of the total contract budget. The OSD tripwire has been breached.

Performance to Date

The effort is behind schedule and over cost: 35.0% of the effort is scheduled to be completed, while 33.0% has been completed, and an amount equal to 35.3% of the budget has been spent. The SPI indicates that work equal to 94.2% of that planned has been accomplished. The minimum total float of linked tasks is -42.75 days. The BEI indicates that a number of tasks equal to 84.2% of those baselined to finish have actually finished. The CEI indicates that 66.7% of the tasks forecast last period to finish this period have actually finished. The CPI indicates that for every dollar expended, 0.932 dollars of value have been earned.

EAC Analysis

The TCPI-EAC indicates that to achieve the EAC, every dollar expended in the future will have to earn 1.040 dollars of value. The EAC appears to be overly optimistic.

IMS Metrics in AI Report

MOH-2 JAN 04 WBS Dollars in Thousands :: [1000 : MOH-2] :: Sort: 1 Hier :: Elements: 27/27 :: Filter Level=Lowest

Preview File Edit View Go Tools Window Help

10.211.55.3

File Options Charts Reports Inputs Views Prefilters Admin Help

Dataset Layout Clear Lowest Sum Chart v Zoom eNotebook Pin

MOH-2 JAN 04 WBS Dollars in Thousands :: Empower Default

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
Cost/Schedule Variance Trends (Millions)

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
Cum SPI

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
BEI

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
TCPI to EAC

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
Cumulative Cost Variance by EOC (Thousands)

MOH-2 JAN 04 WBS Dollars in Thousands :: [1000 : MOH-2] :: Sort: ↑ Hier :: Elements: 28/28 :: Tasks: 111/111

Select row to update charts and reports

User Defined Dashboards

HIER	WBS	DESCRIPTION	LVL	% CMP	CAM	ET	EVM	DQI	SV %	
1	1000	MOH-2	1	32.95	Jones	Rp				
11	2000	PROJ MANAGEMEN	2	62.79	Brown	Rp				
111	2100	PROJ MANAGEMEN	3	45.70	Brown	Rp				
112	2200	SYS ENGINEERING	3	85.04	Price	CA	F	cC	0.959 0.942 1.044 -0.102 -12.0	
113	2300	FUNC INTEGRA	3	71.62	Price	CA	sc	↓ ↓ ↓	1.027 0.901 2.650 -1.749 6.4	
12	3000	PRIME EQUIP	2	30.31	Smith	Rp	c	↓ ↓ ↓	0.978 0.952 0.911 0.041 -7.6	
121	3100	SENSORS	3	20.87	Smith	CA		↓ ↓ ↓	0.920 0.924 1.006 -0.082 -382.6	
122	3200	COMMUNICATIONS	3	34.63	Tideman	CA	FSI	scSC	↑ ↓ ↓	0.908 0.971 0.992 -0.021 -36.6
123	3300	AUX EQUIP	3	27.57	Tideman	CA	F	scSC	↓ ↓ ↓	0.777 0.844 1.034 -0.190 -203.2
124	3400	ADPE	3	41.89	Zepka	CA	SI	sc	↓ ↓ ↓	0.877 1.133 0.962 0.171 -93.2
125	3500	COMP PROGRAMS	3	47.62	Pino	CA	F	sc	↑ ↓ ↓	0.961 1.053 0.878 -0.075 -10.2
126	3600	PCC	3	28.99	Zepka	CA	FSI	C	↓ ↓ ↓	1.023 1.000 0.993 0.000 0.0
127	3700	DATA DISPLAY	3	41.13	Troop	CA	sS	↑ ↓ ↓	0.585 1.194 0.000 0.000 0.0	
128	3800	I & A	3	35.40	Troop	CA	scS	↓ ↓ ↓	1.194 0.000 0.000 0.000 0.0	
13	4000	SPARES	2	17.87	Blair	Rp		↑ ↓ ↓	1.009 0.000 0.000 0.000 0.0	
14	5000	DATA	2	72.60	Hall	Rp	F	cCV	↑ ↓ ↓	0.833 0.000 0.000 0.000 0.0
141	5100	ENG DATA	3	38.51	Novak	CA	scSC	↑ ↓ ↓	0.853 0.000 0.000 0.000 0.0	
142	5200	MANAGEMENT DAT	3	84.18	Simmons	CA	cCV	↑ ↓ ↓	1.000 0.000 0.000 0.000 0.0	
15	6000	TEST & EVAL	2	43.28	Wayne	Rp		↑ ↓ ↓	1.021 1.000 0.000 0.000 0.0	

Schedule Gantt Chart

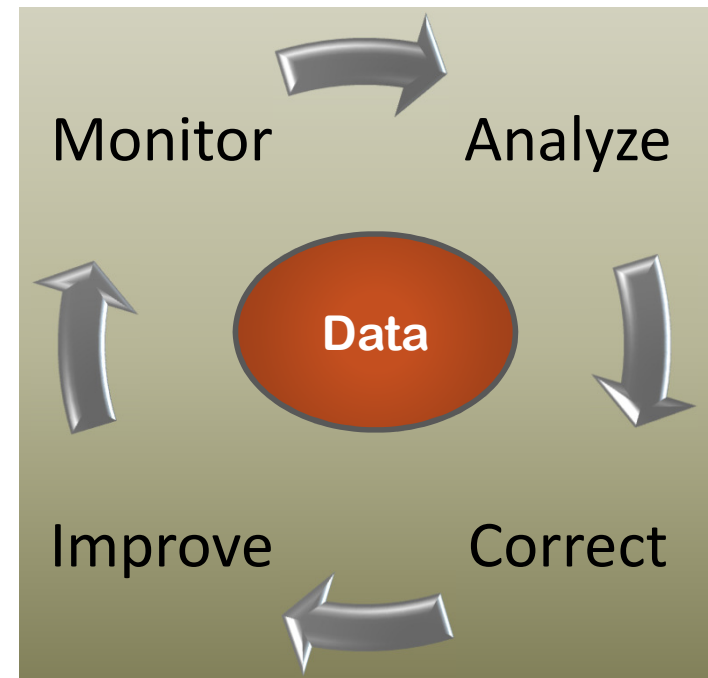
UID	Name	2003	2004
17	MAINTAINABILITY DESIGN	Q2	Q3
18	LAYOUT	Q2	Q3
14	COM PRELIM MAT. ANALYSIS SPT	Q2	Q3
5	Begin COM DEVELOPMENT	Q2	Q3
8	COM PRELIMINARY DESIGN(ANALYSIS)	Q2	Q3
6	COM PROJECT SUPPORT(ANALYSIS)	Q2	Q3
21	PROJECT SUPPORT	Q2	Q3
10	COM HEAT TRANSFER(ANALYSIS)	Q2	Q3
12	COM STRUCTURAL ANALYSIS DEN SPT	Q2	Q3
15	CONT. COM MATERIALS ANALYSIS SPT	Q2	Q3
19	OUTLINE DESIGN	Q2	Q3
20	DETAIL DESIGN	Q2	Q3
7	COM PROJECT SUPPORT (CONT.)(ANALYSIS)	Q2	Q3
30	PREPCOM DEVELOPMENT TEST PLAN	Q2	Q3
32	COM PROJECT SUPPORT (FAB)	Q2	Q3
28	FAB COM DEVELOPMENT TEST HDWE	Q2	Q3
57	COM PROJECT SUPPORT (TEST)	Q2	Q3
25	COM PROJECT SUPPORT	Q2	Q3
23	COM DESIGN UPDATES	Q2	Q3
45	FAB COM QVAL TEST HDWE	Q2	Q3
44	FAB COM PRESSURE CYCLE TEST UNIT	Q2	Q3
40	CONDUCTCOM DEVELOPMENT TESTS	Q2	Q3
34	PREP COM DEVELOPMENT TEST REPORT	Q2	Q3
37	PREP COM QVAL TEST PLAN	Q2	Q3

MOH-2 JAN 04 WBS Dollars [1000 : MOH-2]
Cumulative Cost Variance by EOC (Thousands)

Legend: LAB \$ [-125.2], MAT \$ [-55], ODC \$ [9], OH \$ [-107], G&A \$ [-18], Dollars [-496.8]

Data Quality Indicators (DQIs)

- DQIs Grouped by Four Key Areas
 - Earned Value Data (E)
 - Schedule Data (S)
 - Cost & Schedule Integration (I)
 - Reasonableness of Forecast (F)
- DQI Outputs
 - Sort Window for Quick Problem Identification
 - Detailed Report Per Element
 - Six Period Trend Per Element
 - Export to MS Excel



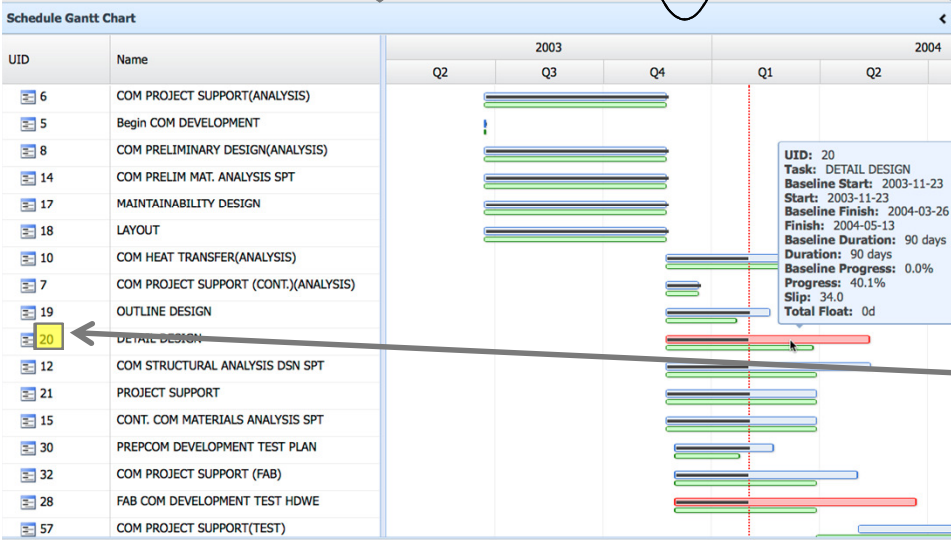
DQI Column

MOH-2 JAN 04 WBS Dollars in Thousands :: Empower Default

HIER	WBS	DESCRIPTION	LL	LVL	% CMP	CAM	ET	EVM	DQI	VAR	SV	CV	VAC	SPI	CPI	TCPI-EAC	CPI-EAC	SV	SV %	CV	CV %	VAC	VAC %	BAC	EAC	
1	1000	MOH-2		1	32.95	Jones	Rp		F						0.942	0.932	1.040	-0.107	-425.6	-5.85	-496.8	-7.25	35.2	0.17	20,796.2	20,761.0
11	2000	PROJ MANAGEMENT		2	62.79	Brown	Rp		F						0.985	0.934	1.056	-0.122	-13.2	-1.50	-61.2	-7.04	-34.0	-2.46	1,384.6	1,418.6
111	2100	PROJ MANAGEMENT	x	3	45.70	Brown	CA		F						0.959	0.942	1.044	-0.102	-12.0	-4.07	-17.4	-6.16	-3.2	-0.52	618.4	621.6
112	2200	SYS ENGINEERING	x	3	85.04	Price	CA		F						1.027	0.901	2.650	-1.749	6.4	2.73	-26.4	-10.95	0.0	0.00	283.4	283.4
113	2300	FUNC INTEGRA	x	3	71.62	Price	CA		F						0.978	0.952	0.911	0.041	-7.6	-2.15	-17.4	-5.03	-30.8	-6.38	482.8	513.6
12	3000	PRIME EQUIP		2	30.31	Smith	Rp		F						0.920	0.924	1.006	-0.082	-382.6	-7.96	-365.4	-8.25	-309.0	-2.12	14,606.4	14,915.4
121	3100	SENSORS							F						0.908	0.971	0.992	-0.021	-36.6						1,728.4	1,750.0
122	3200	COMMUNICATIO							FSI						0.777	0.844	1.034	-0.190	-203.2						2,043.0	2,130.0
123	3300	AUX EQUIP							F						0.877	1.133	0.962	0.171	-93.2						2,418.2	2,409.8

Gantt View

Schedule Assessment



Data Quality Indicators Report

MOH-2 JAN 04 WBS [3200 : COMMUNICATIONS] Schedule Assessment

Linked Tasks	Complete Tasks	Incomplete Tasks	Incomplete Discrete Tasks	Planned Completions	Actual Completions	Relationship Count
50	11	39	37	8	6	57

Metric	Description	Goal	Percent	Count
Logic	Missing predecessors, successors or both	≤ 5 %	23.08 %	9
Leads	Number of leads	0 %	0.00 %	0
Lags	Number of lags	0 %	22.81 %	13
Relationship Type	Finish-To-Start	> 90 %	56.14 %	32
	Finish-To-Finish	≤ 10 %	43.86 %	5
	Start-To-Start			20
	Start-To-Finish	0 %	0.00 %	0
Hard Constraints	MSON, MFON, SNLT, FNLT	≤ 5 %	17.95 %	7
High Float	Total Float > 44 Days	≤ 5 %	15.38 %	6
Negative Float	Total Float < 0 Days	0 %	48.72 %	19
High Duration	Baseline Duration > 44 Days	≤ 5 %	56.76 %	21

Empower - EVAS 3.0 Support

- DCMA's most recent version (March 2017)
- Not likely to change within the next twelve months (per DCMA)
- 131 Tests in Version 3.0
 - 55 Automated
 - 4 Automated/Manual
- Items of Interest:
 - Must understand rules for both numerator and denominator
 - Some tests at:
 - Summary level
 - CA
 - WP
 - PP
 - SLPP
 - EVM WP level data with EOC is required
 - IMS activity level data linked to WP is required
 - Host of required attributes for EVM/IMS data
 - EOC Material/Non-Material
 - EVT coding for EVM and IMS
 - Element type: CA/WP/PP/SLPP
 - CAM names
 - OBS
 - IMP
 - Freeze Period
 - DCMA Assumptions
 - EVM Complete: if BAC and BCWP_{cum} are within \$100 or 1 hour
 - Activity Complete: if actual finish date not null
 - New PARCA sponsored JSON file delivery format in draft form. Empower supports the draft format for testing purposes.

MOH-2 JAN 17 WB
EVAS Attribute Tests

Attribute	Metric	Test	Manual	Value	Total	Percent	Goal	Note
01A1	01b	Occurrence of a WBS that is not product-oriented	*	0	1	0.00%	0	
01A2	01a	Number of sampled SOW paragraphs identifying scope that are not in the WBS	*	0	20	0.00%	0	
	01a	Number of mismatches between the program organizational breakdown structure (OBS) and IPMR/CPR Format 2	*	0	1	0.00%	0	
02A1	02a	Number of major subcontractors and intra-organizational elements with an EVMS DFARS clause flow down requirement not identified in the OBS						Currently working to initiate flow down on XYZ Corp
	01a	Number of incomplete accounts with IMS POP outside WAD POP			14	7.10%	<= 5%	Element 3400 WAD currently being updated to reflect new POP.
	01c	Number of incomplete accounts where BAC <> WAD BAC		2	14	14.30%	<= 10%	Element 3400 and 6200 budgets are being updated to match the WAD.
	01e	Number of incomplete WPs in IMS where EV % complete does not match EV % complete in the EV cost tool		1	3	33.30%	0	
	01f	Number of incomplete WPs where baseline IMS POP does not match baseline EVMS POP		3	14	21.40%	<= 5%	
	01g	Number of incomplete accounts where EVMS POP is outside WAD POP		3	14	21.40%	<= 5%	
	01h	Number of incomplete CAs where IMS OBS does not match EV cost tool OBS		1	1	100.00%	<= 10%	

* Manual Test

Notes

Automated Test

Test Sheets

Time-Based Revisions

Attribute, Metric & Test Description

Test Criteria

SQL Extensions

Custom Test Sheets

action	TestID	RptID	Revision	Attrib	Metri	Description	Test	Goal	Hidd	DQI	From	Numerator	Where (numerator)
170	2	2001-01-01	01A1	01a	01a	Number of required WBS elements that do not extend to the level required by the EVM	=	0					
171	2	2001-01-01	01A1	01b	01b	Number of WBS elements that do not align with the approved Cost and Software Data F	=	0					
172	2	2001-01-01	01A2	01a	01a	Number of sampled SOW paragraphs identifying scope that are not in the WBS	=	0					
173	2	2001-01-01	02A1	01a	01a	Number of mismatches between the program organizational breakdown structure (OBS =	=	0					
174	2	2001-01-01	02A1	02a	02a	Number of major subcontractors and intra-organizational elements with an EVMS DFAR =	=	0					
340	2	2001-01-01	03A1	01a	01a	Number of incomplete accounts with IMS POP outside WAD POP	<=	5					
175	2	2012-02-01	03A1	01a	01a	Number of incomplete accounts with IMS POP outside WAD POP	<=	5		52	ev,wc	count(*)	T52 > 0
176	2	2001-01-01	03A1	01b	01b	WAD BAC of incomplete accounts with IMS POP outside WAD POP	<	10		52	ev,wc,wv	sum(wv.Bac)	T52 > 0
177	2	2001-01-01	03A1	01c	01c	Number of incomplete accounts where BAC <= WAD BAC	<=	10		53	ev,wc	count(*)	T53 > 0
178	2	2001-01-01	03A1	01d	01d	ABS (BAC - WAD BAC) of incomplete accounts where BAC <= WAD BAC	<	10		53	ev,wc,wv	abs(sum(ev.Bac-wv.B	T53 > 0
179	2	2001-01-01	03A1	01e	01e	Number of incomplete WPs in IMS where EV % complete does not match EV % complet	=	0					
180	2	2001-01-01	03A1	01f	01f	Number of incomplete WPs where IMS POP does not match EVMS POP	<=	5	42-45		ev	count(*)	(T42 > 0 or T43 > 0 or T44 > 0 or T45 > 0)
181	2	2001-01-01	03A1	01g	01g	Number of incomplete accounts where EVMS POP is outside WAD POP	<=	5		68	ev,wc	count(*)	T68 > 0
182	2	2001-01-01	03A1	01h	01h	Number of incomplete CAs where the OBS element in the IMS does not match the OBS =	<=	10					
183	2	2001-01-01	03A1	01i	01i	Number of incomplete CAs where IMS WBS does not match EV cost tool WBS	<=	5					
184	2	2001-01-01	03A1	02a	02a	BAC value of the open subcontractor CAs where a data element (BCWP, BCWS, ACWP, E	<=	5					
185	2	2001-01-01	03A1	03a	03a	Number of sampled incomplete activities in the subcontractor IMS with a forecast start,	<=	5					
186	2	2001-01-01	03A1	03b	03b	Number of incomplete activities in the subcontractor IMS with a baseline start/finish da	<=	5					
187	2	2001-01-01	04A1	01a	01a	Number of indirect cost pools identified in the Disclosure Statement that cannot be maj	=	0					
188	2	2001-01-01	05A1	01a	01a	Number of CAs with more than one OBS element or no OBS elements assigned	=	0					
189	2	2001-01-01	05A1	02a	02a	Number of CAs with no CAM assigned	<=	5			ev,wc	count(*)	ProjOff is null
190	2	2001-01-01	05A1	03a	03a	Number of CAs with more than one WBS element or no WBS elements assigned	=	0					
191	2	2001-01-01	06A1	01a	01a	Number of incomplete discrete work and planning packages not represented in IMS	<	5		69	ev	count(*)	T69 > 0
192	2	2001-01-01	06A1	02a	02a	Number of risk mitigation activities not in the IMS	<=	10					
193	2	2001-01-01	06A2	03a	03a	Number of SF relationships on incomplete activities	<	15		24	ev	sum(T24)	
194	2	2001-01-01	06A2	04a	04a	Number of SS and FF relationships on incomplete activities	<	15		25,26	ev	sum(T25+T26)	
195	2	2001-01-01	06A2	04b	04b	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	<=	0					
196	2	2001-01-01	06A2	05a	05a	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	<	10		23	ev	sum(T23)	
197	2	2001-01-01	06A2	05b	05b	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	<	2		22	ev	sum(T22)	
198	2	2001-01-01	06A2	05c	05c	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	=	100					
199	2	2001-01-01	06A2	05d	05d	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	=	0				sql-01	
200	2	2001-01-01	06A2	05e	05e	Number of incomplete activities (tasks and milestones) with open finishes (dangling log	=	0					

Portfolio Views with DQI Drill-Down

Group-by for Portfolio Views

DQI's can now be summarized within a contact

15 accounts/activities that triggered the breach

Ctrl + Right Click to Download DQI Drill-Down

DQI Detail Download
Download RwoETC details for element 1F002383?
Yes No

HIER	WBS	DESCRIPTION	Cmp+ETC	EacLo	LL	Lvl	CAM	PctCmp	A>E	RwoETC
1	1000	MOH-2	1	Jones	32.95					
1	100	BOOMERANG	1	Mr Tech	26.96					
zzzzzz	SUMMARY	SUM (PF: Level 1 Only, Contracto			27.36					
North American (2)										
1	1	LAR	1	P I Smith	74.56					
1	1F002383	Jeep 240z	1		8.98	1	15	4	69	52
zzzzzz	SUMMARY	SUM (PF: Level 1 Only, Contracto			38.39	1	15	4	69	19
Hughes (1)										
1	0	ALPHA	1		65.17	1	6			
zzzzzz	SUMMARY	SUM (PF: Level 1 Only)			32.92	2	21	6	109	
Grand Total (1)										
zzzzzz	SUMMARY	SUM (PF: Level 1 Only)								

HIER	WBS	DESCRIPTION	LL	Lvl	CAM	PctCmp	A>E	RwoETC
121926	1.3.1.4.2 601277425 DCM EE DCM DVT (Rw		x	6	Smith	0.00	0	1
121920	1.3.1.4.2 601277425 PRU EE PRU DVT		x	6	Smith	0.00	0	1
12192P	1.3.1.4.2 601277425 SPDI SP/DP Documenta		x	6	Smith	0.00	0	1
12322	1.3.3.2 601277425 CIC1 CIC Electrical		x	5	Smith	97.08	0	1
12333	1.3.3.3 601277425 CDVP Develop CGA DVT		x	5	Smith	0.00	0	1
12394	1.3.3.9 601277425 DHC1 PGA/CGA Noise T		x	5	Smith	85.00	0	1
12631	1.3.6.3 601277425 CHHP CGA HALT/HAASP/P		x	5	Smith	85.00	0	1
12639	1.3.6.3 601277425 PHHP PGA HALT/HAASP/P		x	5	Smith	85.00	0	1
12641	1.3.6.4 601277425 CFAT CGA FAT Test PI		x	5	Smith	85.53	0	1
11285	1.3.8 601277425 CMRL CM Release		x	4	Jones	94.80	0	1
13381	13.3.3.M 601281306 100 Major Subcontra		x	5	Brown	99.00	0	1
13382	13.3.3.M 601281306 IOT IOT Material		x	5	Brown	99.00	0	1
13432	13.3.4.3 601281306 SW0I Integration of		x	5	Smith	92.51	0	1
1343D	13.3.4.3 601281306 SW1I Develop Softwar		x	5	Smith	98.97	0	1
156217	3.3.6.2.1 601281380 FTDI FTE CM TDP Supp		x	6	Brown	79.97	0	1

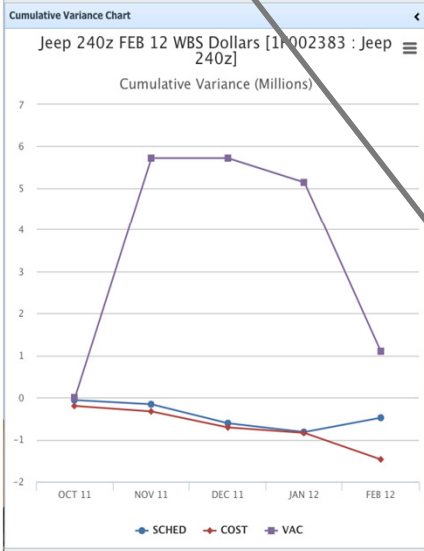
10.211.55.3

File Options Charts Reports Inputs Views Prefilters Admin Help

Dataset Layout Clear Lowest Sum Chart Zoom eNotebook Pin Children Drill

Jeep 240z FEB 12 WBS Dollars in Thousands :: 03A1

HIER	WBS	DESCRIPTION	LL	CAM	ElemType	%Cmp	03A101a IMS POP outside WAD POP	03A101c WAD BAC <-> EVM BAC	03A101g EVMS POP outside WAD POP	BF<S	BF>S	BS<S	BS>S
1218	1.3.1.3	Risk Management Process (CLIN 0001)	Jones	CA		25.59	1	1		1	0	0	0
121A1	1.3.1.1	Technical Data Package (CLIN 0001)	Smith	CA		0.00	1	0		1	0	0	0
123A	1.3.3.1	POM OPS FAIT Labor (CLIN 0001)	Smith	CA		0.00	1	0		0	0	0	0
123B	1.3.3.M	POM ISC Material (CLIN 0001)	Brown	CA		0.11	1	0		0	0	0	0
128	1.3.8	Configuration Management (CLIN 0001)	Jones	CA		30.12	1	0		0	0	0	0
1419	2.3.1.4	Obsolescence Management (CLIN 0002)	Jones	CA		0.00	1	0		0	0	0	0
zzzzz	SUMMARY	SUM (03A101a IMS POP outside WAD POP)				5.74	6	1		2	0	0	0



WAD Baseline Integration Report

Jeep 240z FEB 12 WBS Dollars [1F002383 : Jeep 240z]

WAD Baseline Integration (Thousands)

WBS	DESCRIPTION	WAD BAC	EVMS BAC	DELTA BAC	IMS START	WAD START	EVMS START	IMS FINISH	WAD FINISH	EVMS FINISH
12.3.7.6	Repair of Hardware (CLIN 0012)	1,199.1	1,199.1	0.0	2013-09-24	2011-11-27	2013-09-29	2014-06-27	2014-06-29	2014-06-29
1.3.1.1	EVM Implementation (CLIN 0001)	1,499.7	1,499.7	0.0	2012-01-03	2011-10-30	2011-10-30	2013-09-27	2013-09-29	2013-09-29
1.3.1.11	Safety (CLIN 0001)	305.2	305.2	0.0	2011-11-28	2011-10-30	2011-10-30	2013-09-04	2013-09-29	2013-09-29
1.3.1.13	Program Management Tasks (CLIN 0001)	1,404.9	1,404.9	0.0	2011-11-07	2011-10-30	2011-10-30	2013-09-27	2013-09-29	2013-09-29
1.3.1.14	Program Travel (CLIN 0001)	514.5	514.5	0.0	2011-11-07	2011-10-30	2011-10-30	2013-09-27	2013-09-29	2013-09-29
1.2	Program Schedule (CLIN 0001)	623.5	623.5	0.0	2012-01-03	2011-10-30	2011-10-30	2013-09-27	2013-09-29	2013-09-29
1.3.1.3	Risk Management Process (CLIN 0001)	1,130.0	1,139.0	-9.0	2012-02-13	2011-10-30	2011-10-30	2013-09-27	2012-09-29	2013-09-29
1.3.1.4	Obsolescence Management (CLIN 0001)	75.0	830.2	-755.2	2011-11-01	2011-10-30	2011-10-30	2012-10-26	2012-12-28	2012-10-28
1.3.1.5.1	Technical Data Package (CLIN 0001)	134.9	134.9	0.0	2012-02-27	2011-11-27	2012-04-01	2012-11-02	2012-09-25	2012-11-25
1.3.1.5.3	Data Management Tasks (CLIN 0001)	329.0	329.0	0.0	2011-11-07	2011-10-30	2011-10-30	2013-01-24	2013-01-27	2013-01-27
1.3.1.6	Program Reviews (CLIN 0001)	132.0	132.0	0.0	2012-05-21	2011-10-30	2011-11-27	2012-07-24	2012-07-29	2012-07-29
1.3.1.7	Integrated Product Teams (CLIN 0001)	1,488.7	1,488.7	0.0	2011-11-07	2011-10-30	2011-10-30	2013-10-25	2013-10-27	2013-10-27
1.3.1.8	Security Requirements (CLIN 0001)	113.3	113.3	0.0	2012-07-12	2011-11-27	2012-07-29	2013-09-27	2013-09-29	2013-09-29
1.3.1.9	Quality (CLIN 0001)	1,010.5	1,010.5	0.0	2011-11-07	2011-10-30	2011-10-30	2013-02-26	2013-03-31	2013-03-31
1.3.2	Engineering (CLIN 0001)	80.3	80.3	0.0	2012-04-02	2011-10-30	2011-10-30	2012-05-31	2012-07-01	2012-07-01
1.3.2.1	Systems Eng Mgmt Plan (CLIN 0001)	54.5	54.5	0.0		2011-10-30	2011-10-30		2012-04-01	2012-02-26
1.3.3.2	POM PGA (CLIN 0001)	3,121.3	3,121.3	0.0	2011-12-07	2011-10-30	2011-10-30	2013-09-19	2013-09-29	2013-09-29
1.3.3.3	POM CGA (CLIN 0001)	1,054.5	1,054.5	0.0	2012-01-09	2011-10-30	2011-11-27	2013-03-22	2013-03-31	2013-03-31

Jeep 240z FEB 12 WBS Dollars in Thousands :: [1F002383 : 1F002383] :: Sort: 1 Hier :: Elements: 6/490 [03A101a IMS POP outside WAD POP]

10.211.55.3

Jeep 240z FEB 12 WBS Dollars [1F002383 : Jeep 240z]

DCMA Attributes and Tests (Thousands)

Attribute	Metric	Test	Value	Total	Percent	Goal
01a	Number of incomplete CAs with IMS POP outside WAD POP		6	50	12.0 %	< 10%
01b	WAD BAC of incomplete CAs with IMS POP outside WAD POP		6,828.4	48,505.1	14.1 %	< 10%
01c	Number of incomplete CAs where BAC <=> WAD BAC		2	50	4.0 %	< 20%
03A1	ABS(BAC - WAD BAC) of incomplete CAs where BAC <=> WAD BAC		764.2	49,289.3	1.6 %	< 10%
01f	Number of incomplete WPs where EVMS baseline does not match WAD baseline POP		10	187	5.3 %	< 10%
01g	Number of incomplete CAs with EVMS baseline POP outside WAD baseline POP		2	50	4.0 %	< 10%
05A1	02a Number of CAs with no CAM assigned		1	53	1.9 %	< 5%
06A1	01a Number of incomplete discrete work and planning packages not represented in IMS		20	142	14.1 %	< 5%
01a	Number of activities with actual start or finish past status date		0	563	0.0 %	< 5%
02a	Number of activities with forecast start or finish before status date		6	443	1.4 %	< 5%
03a	Number of SF relationships on incomplete activities		0	696	0.0 %	< 2%
04a	Number of SS and FF relationships on incomplete activities		84	696	12.1 %	< 15%
05a	Number of relationships with lags on incomplete activities		20	696	2.9 %	< 10%
06A2	06a Number of relationships with leads on incomplete activities		0	696	0.0 %	< 2%
08a	Number of summary schedule tasks with logic applied		0	0	0.0 %	< 5%
09a	Number of incomplete activities with hard constraints		0	443	0.0 %	< 5%
10a	Number of LOE tasks on the critical path		0	443	0.0 %	< 0%
12a	Number of activities staged out of sequence		5	443	1.1 %	< 1%
13a	Number of activities with missing predecessors or successors		0	443	0.0 %	< 10%
01a	Number of activities without baseline dates		0	563	0.0 %	< 5%
02a	Number of started activities without an expected finish date		0	563	0.0 %	< 5%
04a	Number of activities where actual start <= previous report		0	238	0.0 %	< 10%
06A5	04b Number of activities where actual finish <= previous report		0	120	0.0 %	< 10%
05a	Number of activities with percent complete > 0 and no actual start date		0	563	0.0 %	< 5%
05b	Number of activities with percent complete = 100 and no actual finish date		0	563	0.0 %	< 5%
07A1	02b Number of activities in the IMS that do not have an IMP code		443	443	100.0 %	< 10%
03a	Number of incomplete WPs where EVM does not match IMS EVM		1	201	0.5 %	< 10%
08A2	02a Dollar value of CAs where sum of all BCWS <=> BAC		80,415.4	83,483.5	96.3 %	< 10%
03a	Dollar value of SLPPs where sum of all BCWS <=> BAC		0.0	0.0	0.0 %	< 10%
09A1	03a Number of work packages with budgets not identified by EOC		0	263	0.0 %	< 10%
01a	Dollar value of cumulative BCWP for WPs where cumulative BCWP > BAC		0.0	7,768.6	0.0 %	< 5%
02a	Number of incomplete WPs without an assigned EVM		0	201	0.0 %	< 5%
03a	Number of EVM 0-100 incomplete WPs with duration > one period		8	18	44.4 %	< 5%

Trace Anomalies

EVAS Audit Results Exported to MS Excel

Raw Data

The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	Attribut	Metric	TestID	WBS	UID	CAM
2	03A1	01a	03A101a	3400		Zepka
3	03A1	01c	03A101c	3400		Zepka
4	03A1	01c	03A101c	6200		Hall
5	03A1	01e	03A101e	3600	139	Zepka
6	03A1	01f	03A101f	3200		Tideman
7	03A1	01f	03A101f	3400		Zepka
8	03A1	01f	03A101f	3600		Zepka
9	03A1	01g	03A101g	3200		Tideman
10	03A1	01g	03A101g	3400		Zepka
11	03A1	01g	03A101g	3600		Zepka
12	03A1	01h	03A101h	3000		Smith
13	03A1	01i	03A101i	3000		Smith
14	05A1	01a	05A101a	5000		Hall
15	05A1	02a	05A102a	2000		Brown
16	05A1	02a	05A102a	3000		Smith
17	05A1	02a	05A102a	5000		Hall
18	05A1	02a	05A102a	6000		Wayne
19	06A1	01a	06A101a	2200		Price
20	06A1	01a	06A101a	2300		Price
21	06A1	01a	06A101a	3100		Smith
22	06A1	01a	06A101a	3300		Tideman
23	06A1	01a	06A101a	3500		Pino
24	06A1	01a	06A101a	3700		Troop
25	06A1	01a	06A101a	3800		Troop
26	06A1	01a	06A101a	4000		Blair
27	06A1	01a	06A101a	6300		Bond
28	06A1	01a	06A101a	5200		Simmons
29	06A2	04a	06A204a	3200	20	Tideman
30	06A2	04a	06A204a	3200	32	Tideman
31	06A2	04a	06A204a	3200	35	Tideman

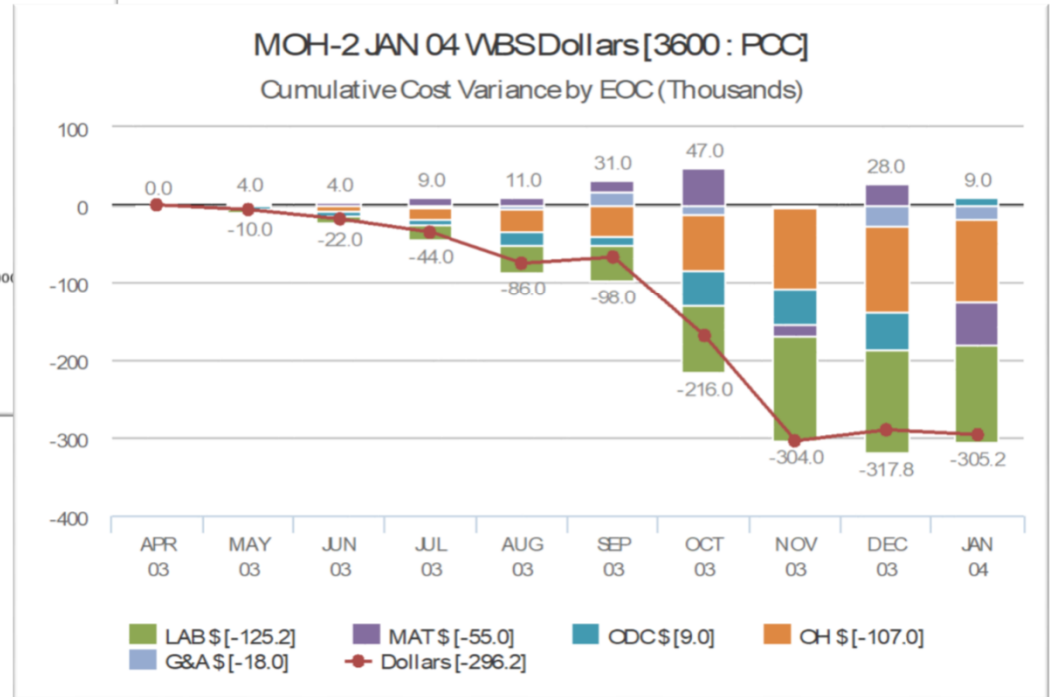
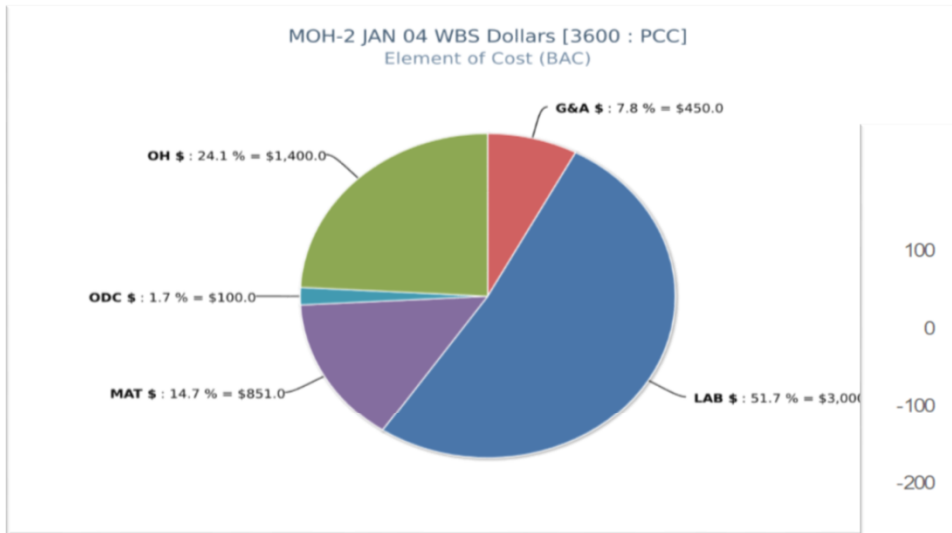


The screenshot shows a PivotTable in Microsoft Excel with the following configuration:

- PivotTable Fields:**
 - Row Labels: CAM
 - Filters: WBS/CA/WP
 - Columns: EVM Test
 - Rows: IMS Test
- PivotTable Fields Task Pane:**
 - FIELD NAME: Search fields
 - Attribute:
 - Metric:
 - TestID:
 - WBS:
 - UID:
- Filters:** CAM
- Columns:** WBS, TestID, UID
- Rows:** WBS, TestID, UID
- Values:** (Empty)

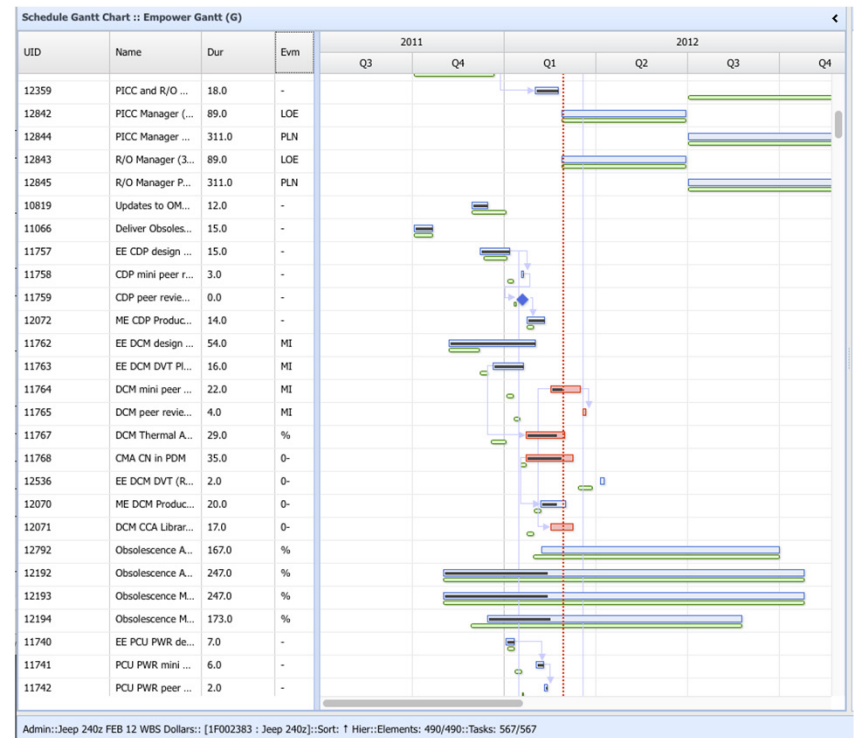
A red box labeled "Pivot Table filtered by CAM" is overlaid on the PivotTable area.

Element of Cost (EOC)



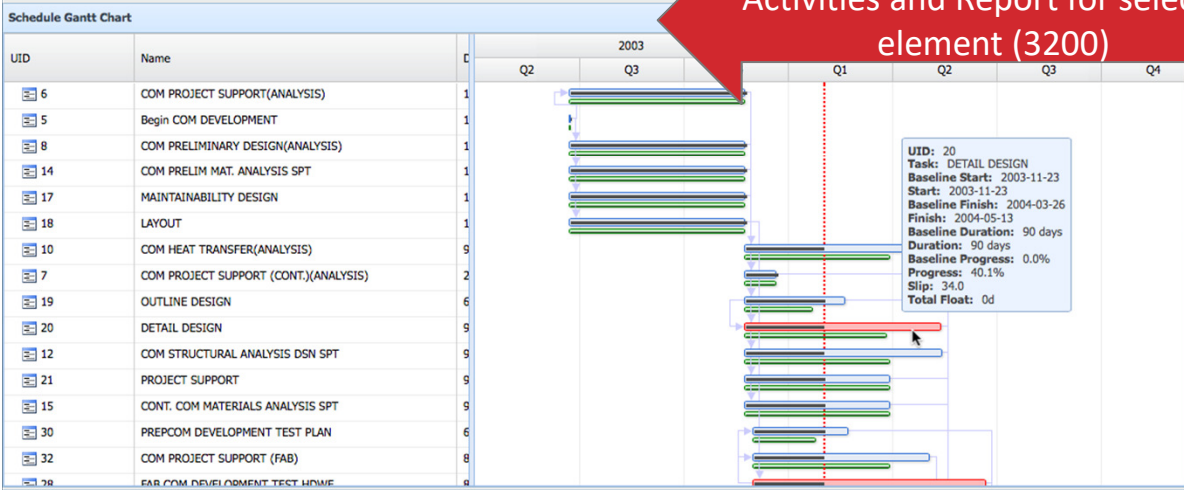
Integrated Schedule Gantt View

- Tasks Automatically Filtered to Selected Element
- Graphic Gantt View
 - Baseline Schedule
 - Current Schedule
 - % Complete
 - Time now
 - Relationships
- Tabular Grid Data
 - Sort
 - Build and Save Custom Views
 - Build and Save Custom Filters
 - Export data to Microsoft Excel
- Adjust Time Scale
- Filter on schedule data



MOH-2 JAN 04 WBS Dollars in Thousands :: Empower

HIER	Element	LongDesc	LL	LVL	% CMP	CAM	ET	EVM	DQI	VAR	SV	CV	VAC	SPI	CPI	TCPI-EAC	CPI-EAC	SV	SV %	CV	CV %	VAC	VAC %	BAC	EAC	CPI*SPI FC	
113	2300	FUNC INTEGRA	x	3	71.62	Price	CA								0.978	0.952	0.911	0.041	-7.6	-2.15	-17.4	-5.03	-30.8	-6.38	482.8	513.6	510.3
12	3000	PRIME EQUIP		2	30.31	Smith	Rp								0.920	0.924	1.006	-0.082	-382.6	-7.96	-365.4	-8.25	-309.0	-2.12	14,606.4	14,915.4	16,764.6
121	3100	SENSORS	x	3	20.87	Smith	CA								0.908	0.971	0.992	-0.021	-36.6	-9.21	-10.6	-2.94	-21.6	-1.25	1,728.4	1,750.0	1,922.0
122	3200	COMMUNICATIO	x	3	34.63	Tideman	CA		FSI	scSC					0.777	0.8	1.034	-0.190	-203.2	-22.31	-130.8	-18.49	-87.0	-4.26	2,043.0	2,130.0	2,875.3
123	3300	AUX EQUIP	x	3	27.57	Tideman	CA		F	scSC					0.877	0.962	0.171	-93.2	-12.27	78.2	11.73	8.4	0.35	2,418.2	2,409.8	2,350.7	
124	3400	ADPE	x	3	41.89	Zepka	CA		SI	sc					0.961	0.978	0.075	-10.2	-3.91	12.6	5.02	4.6	0.77	599.2	594.6	582.6	
125	3500	COMP PROGRAM	x	3	47.62	Pino	CA		F	sc					1.023	0.934	0.132	2.0	2.27	5.6	6.22	-1.4	-0.74	189.0	190.4	175.2	
126	3600	PCC	x	3	28.99	Zepka	CA		FSI	C					0.993	1.027	-0.177	-11.4	-0.67	-296.2	-17.62	-187.2	-3.23	5,800.6	5,987.8	6,855.3	
127	3700	DATA DISPLAY	x	3	41.13	Troop	CA			sS					0.585	1.000	0.000	-113.0	-41.45	0.0	0.00	0.0	0.00	388.0	388.0	549.7	
128	3800	I & A	x	3	35.40	Troop	CA			scS					1.194	0.999	-0.045	83.0	19.45	-24.2	-4.75	-24.8	-1.72	1,440.0	1,464.8	1,349.7	
13	4000	SPARES	x	2	17.87	Blair	Rp			s					1.009	1.003	-0.057	1.2	0.90	-7.8	-5.78	-6.2	-0.82	755.6	761.8	793.4	



MOH-2 JAN 04 WBS [3200 : COMMUNICATIONS]
 Schedule Assessment

Total Tasks	Complete Tasks	Incomplete Tasks	Planned Completions	Actual Completions	Relationship Count
50	11	39	8	6	69

Metric	Description	Goal	Percent	Count
Logic	Missing predecessors, successors or both	<= 5 %	23.08 %	9
Leads	Number of leads	0 %	0.00 %	0
Lags	Number of lags	0 %	33.33 %	13
Relationship Type	Finish-To-Start	> 90 %	63.77 %	44
	Finish-To-Finish			5
	Start-To-Start	<= 10 %	36.23 %	20
	Start-To-Finish	0 %	0.00 %	0
Hard Constraints	MSON, MFON, SNLT, FNLT	<= 5 %	17.95 %	7
High Float	Total Float > 44 Days	<= 5 %	15.38 %	6
Negative Float	Total Float < 0 Days	<= 0 %	48.72 %	19

VAR Narrative Input and Workflow

- Powerful Editor
 - Extensive Formatting Capabilities
 - Spell Check
 - Placeholders based upon variables to streamline monthly process
 - “Pin” Feature for Narrative Summarization
- VAR Workflow
 - Role-based
 - Copy prior period forward within editor (VAR numbers updated automatically)
 - Workflow options integrated with Empower editor
 - Saved/Submitted/Approved/Rejected
 - Quickly determine VAR status
 - Email Notification (manual and/or automated)
- Lock prior period inputs



localhost

Empower Docker Freshdesk Slack EA Engadget Gizmodo COPA CNN.com MSN.com Outlook.com

File Options Charts Reports Inputs Dashboards Views Prefilters Admin Help

Dataset Layout Clear Lowest Sum Group Chart Zoom eNotebook Pin Children Drill

MOH-2 JAN 04 WBS Dollars :: VAR Narrative Status

HIER	WBS	DESCRIPTION	LL	Contract	VAR	Submitter	VarID	State	VarRej
1	1000	MOH-2						1	Saved
12	3000	PRIME EQUIP							
122	3200	COMMUNICATIONS							
126	3600	PCC							
127	3700								
zzzz1	[PMB]								
zzzzz	[MR]								

Construct VAR by required sections

VAR Status

Reject Reason

variables for automatic refresh

Fully customizable VAR templates

VAR Narrative Editor

Title: MOH-2 JAN 04 WBS Dollars
 VAR: C
 Section: Cumulative CV - Ca

Enter explanation of cumulative variance reasons for cost variances (e.g., material usage variance, overhead rate issues, as appropriate).

The root cause of the ([CvCum]) cost variance to-date is related to the additional expenditure of labor for rework of the design effort that occurred in October and November of 2003. More recently we have had a material usage variance due to rework on unit 1 caused by the redesign. This material usage variance was offset by lower than planned travel to the subcontractor facility.

Note: No price or usage variance discussed.

Status: Rejected

Update:

Cumulative Variance Chart

VAR Narrative Report

Element: 3600 / PCC
 CAM: Zepka

	Current Period	Cumulative to Date
SCH VAR	-4,000	-11,400
SCH VAR %	-0.90 %	-0.67 %
COST VAR	-6,400	-296,200
COST VAR %	-1.46 %	-17.62 %
VAC		-187,200
VAC %		-3.23 %
VAR Required	C	

Cumulative Cost Variance: -296,200

BCWP	ACWP	CV	CV %	CPI
1,681,400	1,977,600	-296,200	-17.62	0.850

Cause

The root cause of the -296,200 cost variance to-date is related to the additional expenditure of labor for rework of the design effort that occurred in October and November of 2003. More recently we have had a material

Admin::MOH-2 JAN 04 WBS Dollars:: [3600 : PCC]::Sort: 1 Hier::Elements: 7/25 [VAR='']

Review status of Corrective Actions

MOH-2 JAN 04 WBS Dollars :: Action Status (A)

HIER	WBS	DESCRIPTION	LL	ItemTitle	Num	Rev	Type	Cat	Priority	State	StateID	Submitter	Reviewer	Approver	OpenDate	DueDate
1	1000	MOH-2		Review Overhead rates with CFO	f54bfe	0	VAR Corrective Action	C	Low	Opened	1	Tideman	Admin	Jones	2004-01-21	2004-01-31
122	3200	COMMUNICATIONS	x	Review schedule 3200 to remove nec	d0fd09	0	VAR Corrective Action	S	Low	Opened	1	Tideman	Admin	Jones	2004-01-31	2004-02-06
123	3300	AUX EQUIP	x	Review budget and EAC to address n	743f41	0	VAR Corrective Action	V	High	Dismissed	6	Tideman	Admin	Jones	2004-01-13	2004-01-22
126	3600	PCC	x	Review Labor cost and future ETC	d3d602	0	VAR Corrective Action	C	Low	Approved	5	Zepka	Admin	Jones	2003-12-31	2004-01-07
127	3700															

Add / Edit Actions

Contract: MOH-2
Element: 3600 : PCC

Action:

WBS:

Title:

Type: Submitter:

Category: Reviewer:

Priority: Approver:

Open Date: Due Date:

Pct Cmp: State:

Action Description

Review labor cost and develop new ETC

1. Review baseline plan - 10%
2. Review actual hours and rates to date. - 30%
3. Develop new ETC - 30%
4. Approval and revisions -30%

Note:

Update:

Create and update Corrective Actions

Automatically display Corrective Action status in the VAR Report

Impact to Immediate Task

-187,200 of the -296,200 variance is unrecovered. The delta between the CUM CV and the VAC can be saved by doing work.

Impact to the Contract

Additional cost at completion of -187,200.

Corrective Action Taken/Planned

TITLE	CAT	% CMP	DUE DATE
Review Labor cost and future ETC	C	70.0	2004-01-07
STATE	Approved. Reviewed actuals, developed ETC		
ACTION	Review labor cost and develop new ETC		
	<ol style="list-style-type: none"> 1. Review baseline plan - 10% 2. Review actual hours and rates to date. - 30% 3. Develop new ETC - 30% 4. Approval and revisions -30% 		

Review history of Corrective Action

MOH-2 JAN 04 WBS Dollars :: Action Status (A)

HIER	WBS	DESCRIPTION	LL	ItemTitle	Num	Rev	Type	Cat	Priority	State	StateID	Submitter	Reviewer	Approver	OpenDate	DueDate
					d3d											
126	3600	PCC	x	Review Labor cost and future ETC	d3d602	3	VAR Corrective Action	C	Low	Opened	1	Zepka	Admin	Jones	2003-12-31	2004-01-07
126	3600	PCC	x	Review Labor cost and future ETC	d3d602	2	VAR Corrective Action	C	Low	Opened	1	Zepka	Admin	Jones	2003-12-31	2003-12-31
126	3600	PCC	x	Review Labor cost and future ETC	d3d602	1	VAR Corrective Action	C	Low	Opened	1	Zepka	Admin	Jones	2003-12-31	2004-01-07
126	3600	PCC	x	Review Labor cost and future ETC	d3d602	0	VAR Corrective Action	C	Low	Approved	5	Zepka	Admin	Jones	2003-12-31	2004-01-07

Add / Edit Actions

Contract: MOH-2
Element: 3600 : PCC

Action:

WBS:

Title:

Type: Submitter:

Category: Reviewer:

Priority: Approver:

Open Date: Due Date:

Pct Cmp: State:

Action Description

- Review baseline plan - 10%
- Review actual hours and rates to date. - 30%
- Develop new ETC - 30%
- Approval and revisions -30%

Note:

Update:

MOH-2 JAN 04 WBS

[3600 : PCC]

REV	TITLE	STATE	ACTION
3	Review Labor cost and future ETC	Opened: Initial creation	Review labor cost and develop new ETC 1. Review baseline plan - 10% 2. Review actual hours and rates to date. - 30% 3. Develop new ETC - 30% 4. Approval and revisions -30%
2	Review Labor cost and future ETC	Opened: Reviewed baseline plan	Review labor cost and develop new ETC 1. Review baseline plan - 10% 2. Review actual hours and rates to date. - 30% 3. Develop new ETC - 30% 4. Approval and revisions -30%
1	Review Labor cost and future ETC	Opened: Reviewed actuals, developed ETC	Review labor cost and develop new ETC 1. Review baseline plan - 10%

Generate Corrective Action history report

Integration with Other Data

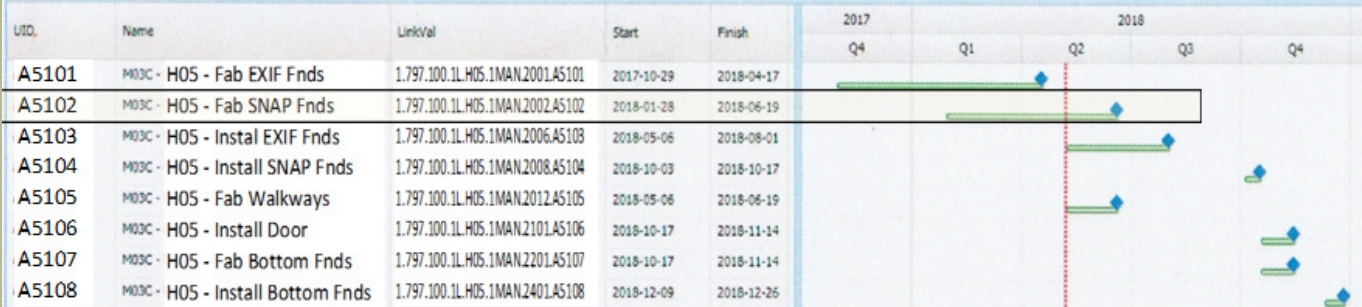
- CAM eNotebook Link
 - Provides Single Launch Point
 - Hyperlink per WBS Element
- Adaptive Touch Reports (ATR) and Charts (ATC)
 - Access to External Databases and Web Services



797W / 06/18 WBS Hours

HIER	Eler	LL	ProgNo	WBS	LongDesc	Craft	% CMT	SvCum	SplCum	BAC	BcwsCur	AcwpCur	BcwpCur	CvCur	CpiCur	CpiCum6	Bcwr	BcwsCum	BcwpCum	AcwpCum	CvCum	CpiCum	ETC	Eac	Vac	Module	W
						100L																					
128115	9	x	797W	1.797.100.1L.H05.1MAN.2001.A5101	H05 - Fab EXIF Fnds	100L	100.00	0	1.000	700	0	0	0	0	0.000	3.602	0	700	700	194	506	3.602	0	194	506	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2002.A5102	H05 - Fab SNAP Fnds	100L	20.00	-224	0.200	280	0	5	0	-5	0.000	0.000	224	280	56	145	-89	0.387	234	379	99	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2006.A5103	H05 - Instal EXIF Fnds	100L	0.00	-260	0.000	350	56	0	0	0	0.000	0.000	350	260	0	0	0	0.000	50	50	300	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2008.A5104	H05 - Install SNAP Fnds	100L	0.00	0	0.000	140	0	0	0	0	0.000	0.000	140	0	0	0	0	0.000	140	140	0	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2012.A5105	H05 - Fab Walkways	100L	0.00	0	0.000	420	0	0	0	0	0.000	0.000	420	0	0	0	0	0.000	420	420	0	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2101.A5106	H05 - Install Door	100L	0.00	0	0.000	44	0	0	0	0	0.000	0.000	44	0	0	0	0	0.000	44	44	0	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2201.A5107	H05 - Fab Bottom Fnds	100L	0.00	0	0.000	350	0	0	0	0	0.000	0.000	350	0	0	0	0	0.000	200	200	150	797	H05
128115	9	x	797W	1.797.100.1L.H05.1MAN.2401.A5108	H05 - Install Bottom Fnds	100L	0.00	0	0.000	175	0	0	0	0	0.000	0.000	175	0	0	0	0	0.000	175	175	0	797	H05

Schedule Gantt Chart :: Schedule Dates and Gantt Chart



Work Package Details

Work Item	BAC	%CPLT	BCWP	ETC
Fab SNAP Fnd No.1	56	100%	56	0
Fab SNAP Fnd No.2	25	0%	0	27
Fab SNAP Fnd No.3	95	0%	0	98
Fab SNAP Fnd No.4	25	0%	0	30
Fab SNAP Fnd No.5	30	0%	0	31
Fab SNAP Fnd No.6	49	0%	0	48
SUM	280	20%	56	234

Detail Work Pack / Schedule Activity Status : Integration with P6 Detail Schedule and Work Scope Management Tool

Enterprise Provisioning and Authentication

- New users can be on-boarded automatically via the identity provider (IdP)
 - Create a new Empower user with attributes (Email, Group, Display Name, User Code, Prefilter, etc.) for granular control
 - Grant and Revoke access permissions
- Single Sign On (SSO) via LAN or Internet on any device using IdP
- Passwords are never stored in Empower when using an IdP

Supported IdP's include Microsoft Active Directory (AD), Microsoft Active Directory Federated Services (AD FS) or Security Assertion Markup Language 2.0 (SAML2) compliant providers (OneLogin, EmpowerID, Okta, etc.)

Administrator Functions

- Import EDI files (IPMR 1-7, JSON IPMR2, wInsight™ XML, X12 839, DoE flat file, MPM XLS export, XLS for Oracle P6 and Microsoft Project, XLS for WAD, and Empower optimized)
- Recalculate
- Manual data edit via Microsoft Excel
- Export IPMR/CPR
 - Hardcopy (Microsoft Excel Format 1-4, HTML Format 5)
 - XML file (IPMR 1-5 & 7)
- Export wInsight compatible XML and WSA files
- User maintenance
- VAR email notifications
- Custom scripts/templates
- Custom DQI rules



Empower[®] Summary

- Complete program analytics and reporting solution
 - Designed to engage all program stakeholders
 - Purpose-built for ease-of-use
 - Best-in-class cost/schedule analytics
 - VAR collection with integrated workflow
 - Integrated corrective action tracking and reporting
 - Customizable data-driven audit support (EVAS)
 - Customizable dashboards
- The only cost/schedule analytic tool built on new technology
 - Cloud-ready
 - SSO via Microsoft Windows, AD, ADFS, SAML2
 - Highly scalable
 - No client-side install (100% browser-based)



Next Steps to Empowerment

- Cloud-based hosted evaluation site
 - Fully featured
 - Sample data
 - Non-proprietary test data
- On-site hosted evaluation
 - Fully featured
 - Live data
 - Some services are required
- Quotes
 - Initial Software
 - Training and Implementation

