



**PARCA
EVM**

PARCA Update

**NDIA IPMD MEETING
April 15, 2015**

**Mr. Gordon Kranz
PARCA Deputy Director for EVM**



PARCA
EVM

PARCA EVM AGENDA

- ▶ PARCA
- ▶ State of DoD EVM – THEN
- ▶ EVM Timelines and Metrics
- ▶ State of DoD EVM – NOW
- ▶ Next Steps
- ▶ Contact Us; Questions & Thoughts



**PARCA
EVM**

PARCA Organization

Director, Performance Assessments and Root Cause Analyses (PARCA)

Mr. Gary R. Bliss

**Deputy Director for
Earned Value
Management**

Mr. Gordon M. Kranz

**Deputy Director for
Root Cause Analysis**

Dr. D. Mark Husband

**Deputy Director for
Performance
Assessments**

Mr. David S. Cadman

**Deputy Director for
Acquisition Policy
Analysis Center**

Dr. Philip S. Anton

**OSD EVM Policy
Holder**

**Nunn McCurdy
Breach Analysis**

**Program
Assessments and
DAES Selection**

Analysis Team

PARCA was brought into existence via the reforms called for by the Weapon Systems Acquisition Reform Act (WSARA) of 2009

As the central office for major defense authorization performance assessment, root cause analysis, and earned value management (EVM), PARCA advises AT&L on program execution status; and issues policies, procedures, and guidance to the Military Departments and the Defense Agencies to improve program management practices

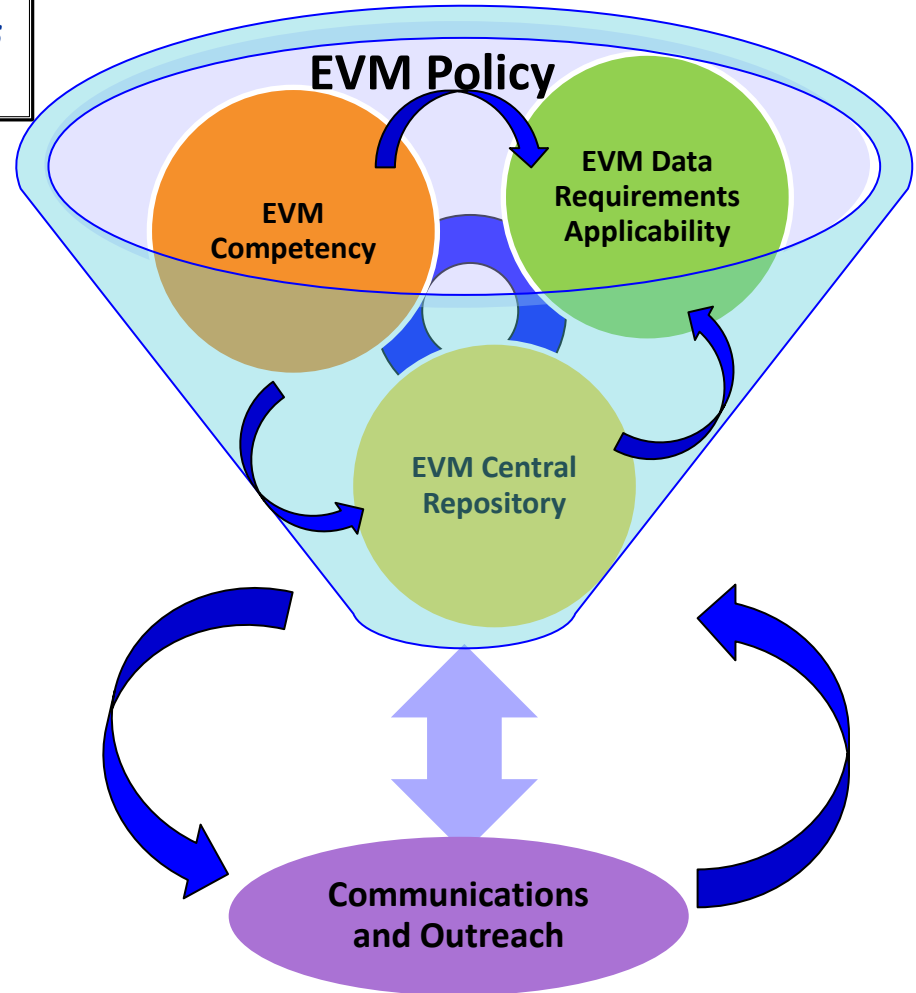


PARCA EVM Organization

PARCA is responsible and accountable for EVM performance, oversight, and governance across the Department

▶ **Guiding Principles**

- Increase the quality and utility of EVM data
- Increase the use of EVM across the acquisition chain
- Improve acquisition professionals' ability to utilize EVM
- Reduce Contractor's administrative burden of inefficient use of EVM
- Ensure constructive 2-way communication between DoD and Industry
- EVMS is perceived by all stakeholders to be cost effective





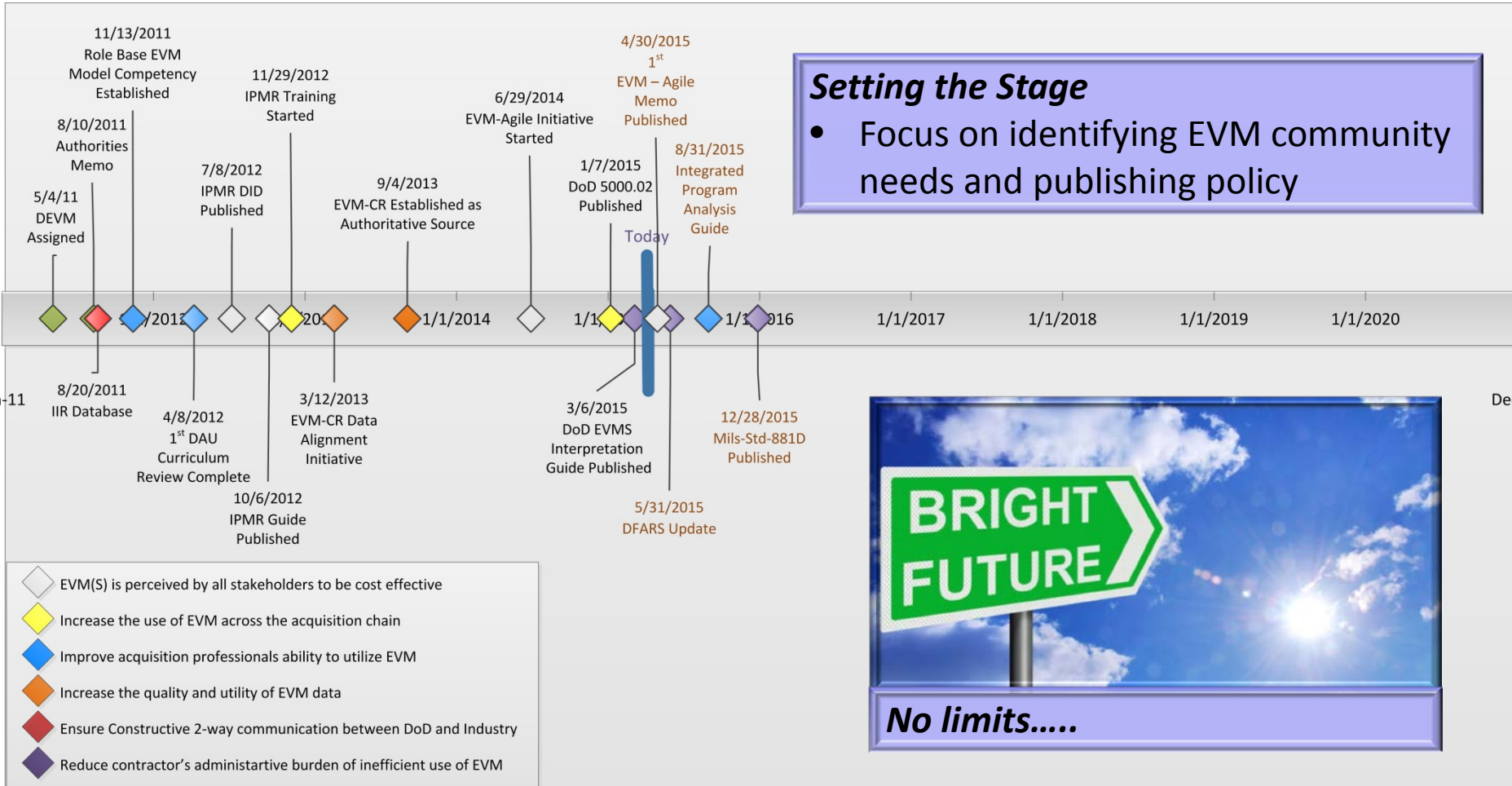
State of DoD EVM – THEN

▶ 2011

- Government – Industry communication was limited
 - No central place to address questions and issues
 - No focus on DAWIA EVM competency
- EVM / EVMS policy contained ambiguities and was implemented inconsistently
- Cost and schedule analysis not integrated
- EVM applied to contracts with work scope that was not measurable
- EVM-CR not used as authoritative source and data quality not consistent across all programs



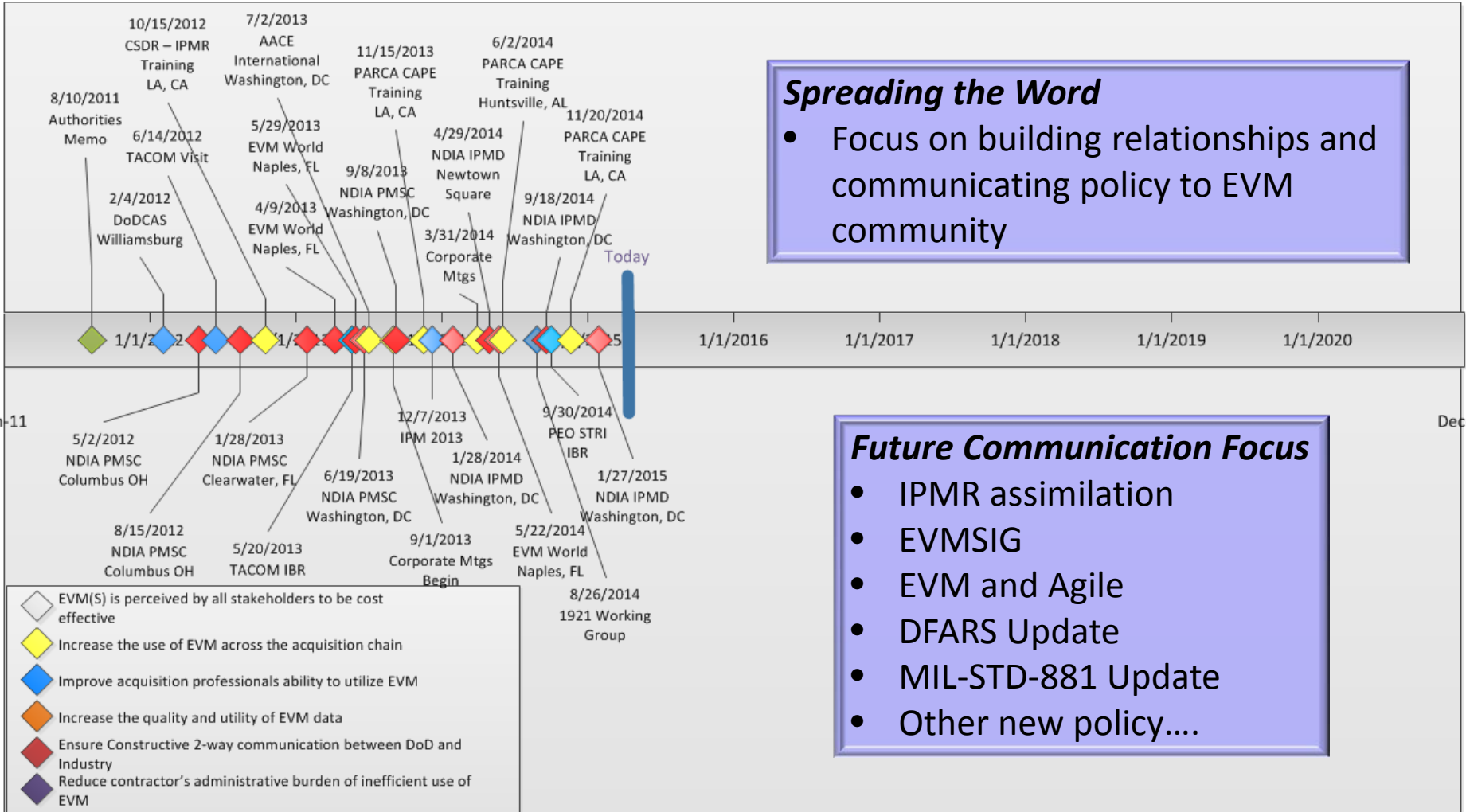
DoD EVM Timeline



No limits.....

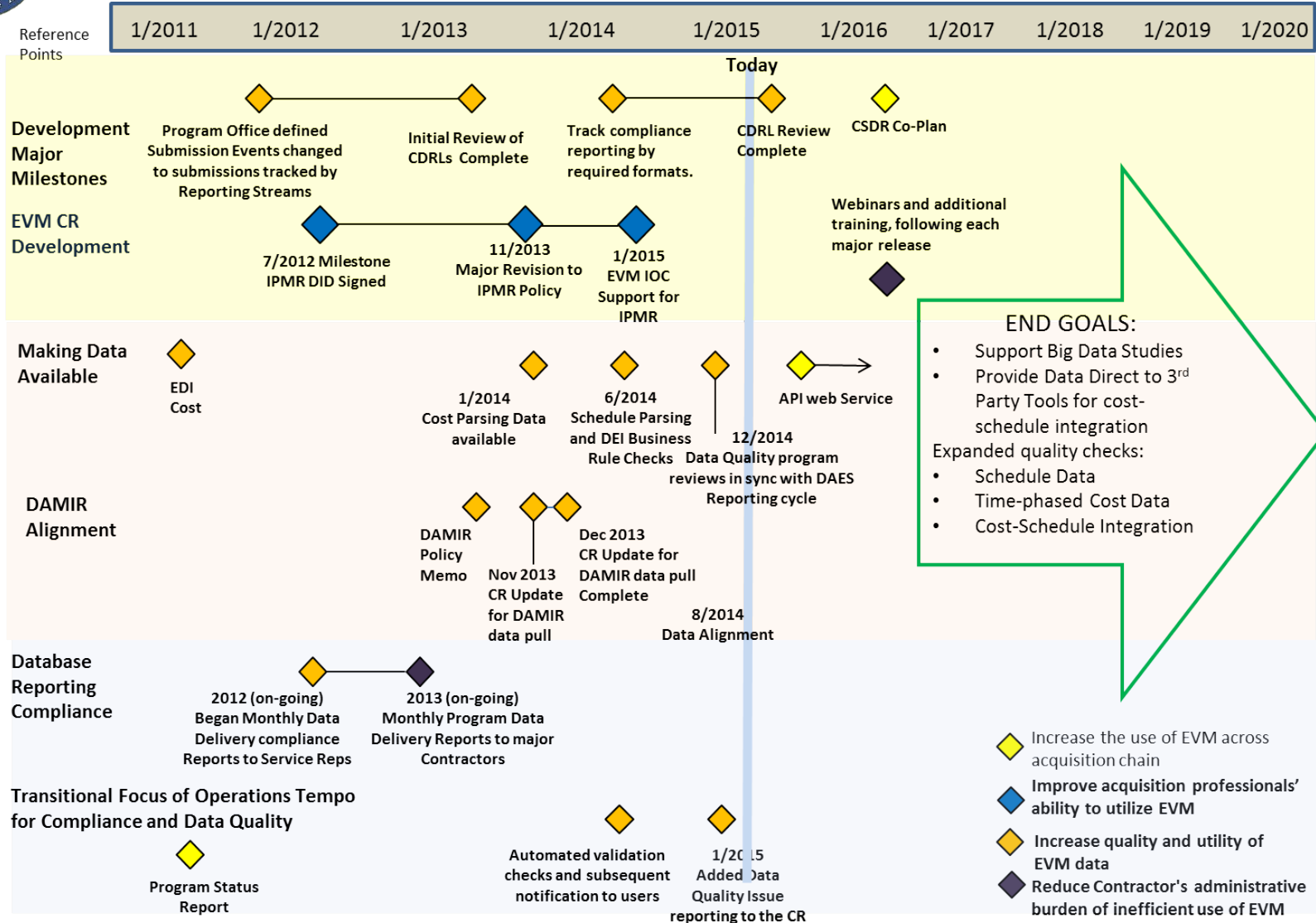


PARCA EVM External Communications





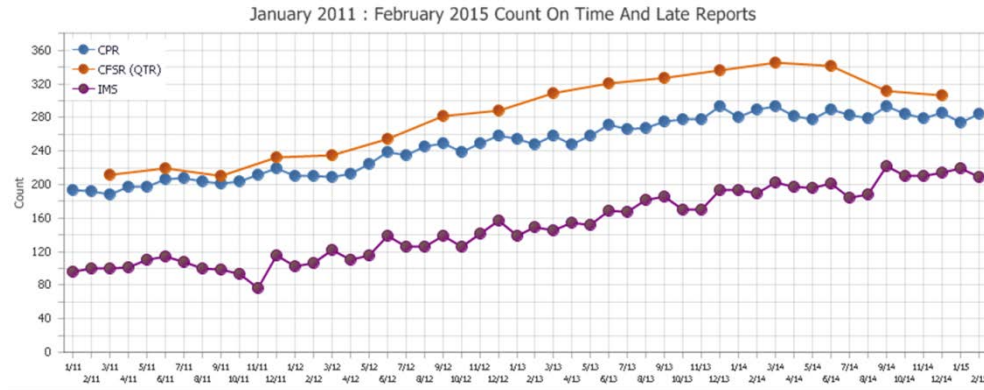
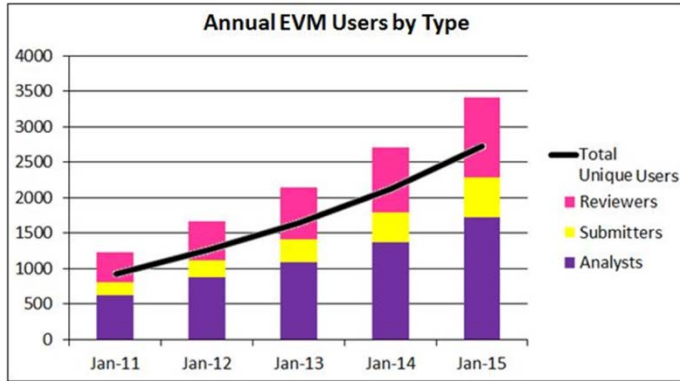
EVM-CR Timeline





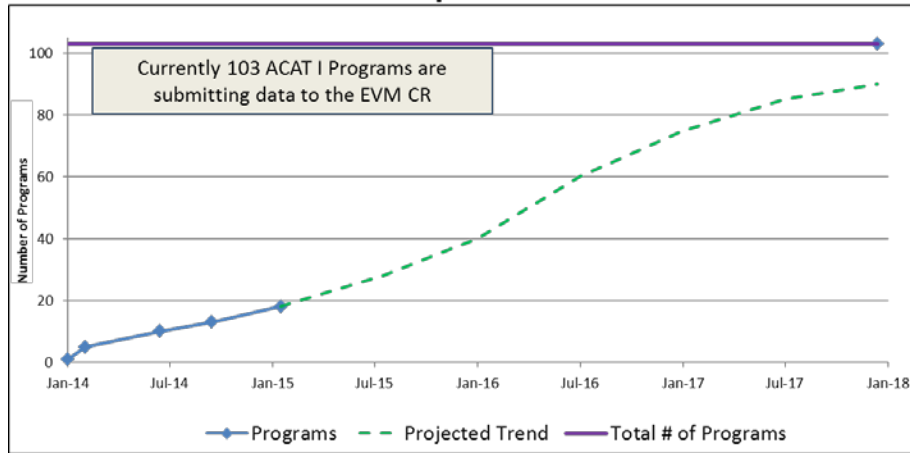
PARCA EVM

EVM-CR Metrics



CFSR and CPR submissions have increased 45% and 47%, respectively. IMS submissions have increased 128% since 2011. Increases are due to EVM CR active outreach, training – plus contractor and program office participation.

IPMR Adoption Success



Number of Programs successfully delivering the IPMR submissions has grown since the November 2013 IPMR policy update.

EVM-CR Earned Value Central Repository
PARCA PERFORMANCE ASSESSMENTS AND ROOT CAUSE ANALYSES
Enhancing DoD Cost Analysis

Home | Contact Us

DCARC Portal
 Portal Login
 Access to EVM-CR, Visual Display
 Request Portal Access
 Registration Instructions

EVM Central Repository Overview

The EVM Central Repository (EVM-CR) is a joint effort between DCARC and OUSD/AT&L, managed by PARCA, that provides:

- Centralized reporting, collection, and distribution for key Acquisition EVM data
- A reliable source of authoritative EVM data and access for OSD, the Services, and the DoD Components
- Houses Contract Performance Reports (CPRs), Contract Funds Status Report (CFSR), and the Integrated Master Schedules (IMS) submitted by contractors (and reviewed and approved by Program Management Offices) for ACAT 1A, 1C, 1D (MSAF) and ACAT 1A (MMSD) programs
- Approximately 80 ACAT 1A, 1C, and 1D programs and 210 contracts and tasks reporting data

EVM-CR Overview
 EVM Tools
 Documentation
 UN/CEFACT XML

OSD AT&L AV-SOA

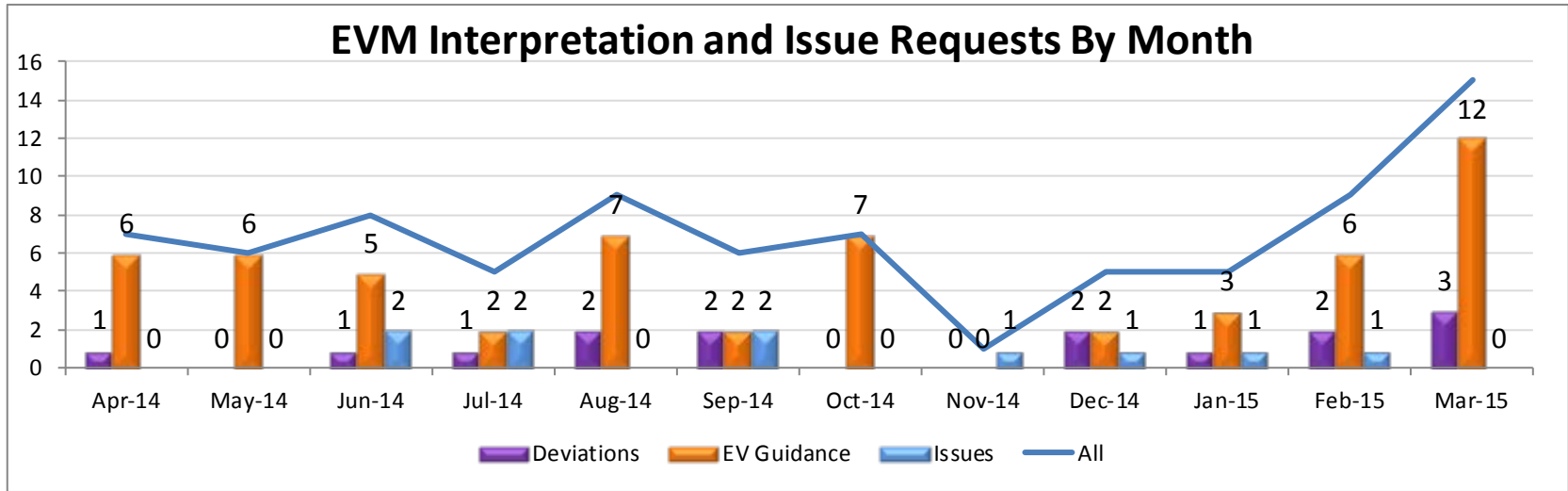
Web Service | Business Tools | Business Applications | Web User Interfaces

System Stakeholders

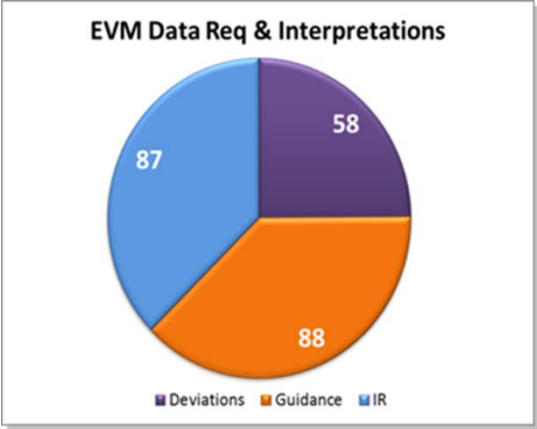
<http://dcarc.cape.osd.mil/EVM/EVMOverview.aspx>



EVM Data Requirements



- ### Recent Topics
- IPMR Tailoring
 - Schedule Margin
 - Conversion of FFP to FPIF contracts
 - Service / Sustainment / Production Contracts EVM Application Government to Government contracting
 - IDIQ / BOA / Task Order Based



Total to date:233



**PARCA
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EVM Data Requirements – Sample Program List of Deviation Requests

3DELRR	CMWS	GMLRS	JMS INC 2	PFRMS
AB3A Remanufacture	DARPA	GMLRS	K-BOSSS	PIM (Paladin)
AFRL	DEAMS	HTV	LAV	PSAS
AIMS	DTRA	ICBM	LCCS	RMS (LCS)
AMRAAM	EELV	IFPC	LCLS	SBIRS
APACHE	EPS	Ingalls	M-ATV	SSC
ARMY DEPOT	F-22 Inc 3.2	IPPS	MaxxPro	T-AO(X)
Army EAGLE	FAB-T Production	JASSM	MCQ-4C	Tech Exp. & Forens.
B-2 DMS	FAB-T Supplimental	Javelin	MDA-FUF	VXX
Chem Demil	FFV	JLENS	MDA-TC	WIN-T Inc 2
CIRCM	FISAC RSRV	JLENS	PAC-3	
CLSS MRAP	Global Hawk	JLTV	PATRIOT MSE	

Total to date:233



EVM Functional Leadership - Metrics

DAU EVM-Specific courses DAWIA required per career field

Course #	Course Name	Class Length	Res DL	Bus FM	Bus CE	ENG	PM	Info Tech	LCL	T&E	Con	S&T	PQM	Fac Eng	Ind Prop	# FA
ACQ 101	Fund of Systems Acq Management		DL	1	1	1	1	1	1	1	2	1	1	1	2	12
ACQ 202	Intermediate Systems Acq, Part A		DL	2	2	2	2	2	2	2	3	2	2		3	11
ACQ 203	Intermediate Systems Acq, Part B		R	2	2	2	2	2	2	2	3	3	2		3	11
BCF 103	Fund of Bus Fin Mgmt		DL	1	1	2	3	1								5
BCF 220	Acq Bus Mgmt Concepts			2	2											2
BCF 225	Acq Bus Mgmt Application			2	2											2
BCF 301	Bus, Cost Est, & FinMgmt Workshop		R	3												1
BCF 302	Adv Concepts in Cost Analysis		R		3											1
CLM 012	Scheduling	12	DL	2	2							2		2		4
CLM 013	Work Breakdown Structure	6	DL	3		1			1	2	2	1		2		7
CLV 016	Introduction to EVM	1	DL		1	1	1	1	1	3	3	2		2		9
CLV 017	Perf Measurement Baseline	4.5	DL	1	1	2		2				3	2			6
CLV 018	EVM and Fin Mgmt Reports	1	DL	1	1							3				3
CLV 019	Estimate at Completion	1	DL	1	1											2
CLV 020	Baseline Maintenance	1	DL	1	1							3				3
EVM 101	Fund of EVM	18	DL	1	1	1	2	2	2		3		1			8
EVM 201	Intermediate EVM	68	R	2		3										2
EVM 262	EVMS Validation and Surveillance	64	R	2	2											2
EVM 263	Principles of Sch Management	24	R	2	2		3									3
PMT 251	PM Tools Course, Part I		DL	3	2	2	2	2	2	3		3	2			9
PMT 257	PM Tools Course, Part II		R	3	2	3	2	3	2	3		3	2			9
PMT 352B	PMO Course, Part B		R	3	3	3	3		3							5
SYS 101	Fund of Sys Plan, Research, Dev & Eng					1	1		1	1						4
SYS 202	Inter Sys Plan, Res, Dev & Eng, Part I		DL			2				2						2
# of DAWIA courses with EVM content per functional area				20	19	12	10	9	9	7	6	11	7	4	3	

Courses managed by PARCA EVM

Number in colored cell is the DAWIA Level

Far right column is # of functional areas that take course

BUS FL changed EVM 201 to a pick list DAWIA requirement

Goal is to get on pick list of multiple career fields

Bottom row is # of EVM courses that each functional area is taking



State of DoD EVM – NOW

▶ 2015

- Government – Industry communications is open and transparent
- Issues and Interpretation inbox and interaction
- EVM has a role-based cross functional EVM competency model
 - DAU course content is being updated to address EVM cross functionally
- EVM / EVMS policy clear and concise
 - DoD EVMS Interpretation Guide
- Integrated cost and schedule analysis
 - IPMR DID and Guide
- EVM deviation process defined and being used – over 50 contracts have leveraged PARCA EVM data requirements tailoring and deviation advice
- EVM-CR has been fully aligned with DAMIR and has been established as the authoritative source for ACAT 1 EVM data



Next Steps

▶ To infinity and beyond

- DFARS Update
 - Clarify work scope
 - Refresh thresholds
 - Emphasize EVM reporting whether or not validation reviews are required
- Agile-EVM guidance (policy)
- MIL-STD-881D
- Production and Shipbuilding EVMS Interpretation implemented
- Role-based program analysis guide for Government program offices
- Full assimilation of IPMR electronic files; delivery and integrated analysis
- ???.....





**PARCA
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Wrap Up

PARCA EVM Website:

Performance Assessments and Root Cause Analyses - Earned Value Management

Home Resources FAQs Issue Resolution AEP Contact us

The Latest

March 9, 2015
Department of Defense Earned Value Management System Interpretation Guide
This memorandum serves as notice for release of the new DoD EVMS Interpretation Guide (EVMSIG). EVMSIG Memo [PDF]
Effective immediately, the DoD EVMSIG provides the DoD interpretation of the 32 Guidelines contained in EIA-748 (current) and will be used as the basis for DoD assessments of EVMS compliance with the 32 Guidelines in accordance with DFARS Subpart 234.2 and 234.201.
DoD EVMSIG [PDF]

March 9, 2015
PARCA EVM Acquisition Exchange Program
Are you a current Government employee interested in making a difference in the Earned Value Management community? If so, please click here to learn more about the PARCA EVM Acquisition Exchange Program (AEP). The AEP provides candidates an opportunity to enhance their acquisition and senior-level policy making skills.

Welcome

Earned Value Management (EVM) Performance Assessments and Root Cause Analyses (PARCA) in the Office of the Assistant Secretary of Defense for Acquisition serves as the Department of Defense (DoD) focal point for all policy, guidance and competency relating to EVM.

Earned Value Management is an essential Program Manager and Technical Lead tool for supporting proactive decision making. The EVM division of PARCA is responsible for the EVM Central Repository, and EVM Interpretation and Communication to facilitate timely, accurate and equitable EVM implementation across the DoD.

Vision

Earned value management is fully embraced by the DoD Acquisition Community as an inherent part of the acquisition program management value chain and provides Program Managers accurate and timely insight into cost, schedule and performance of DoD weapons systems and services programs.

PARCA's goal is to increase earned value's constructive attributes for the DoD firms managing acquisition programs by reducing the economic burden of inefficient implementation of EVM. PARCA is dedicated to the concept that EVM is a management tool, not merely a contractually required report.

Initiatives/Duties

- EVM Policy and Guidance Ownership
- EVM Central Repository (EVM-CR) Management
- Integrated Product Team (IPT)/ Stakeholders Coordination
- EVM Data Requirements Review and Approval
- DoD EVM Interpretation and Issue Resolution

Click to visit the PARCA Home Page

Leadership Spotlight

Gordon M. Kranz
Deputy Director
Earned Value Management

Mr. Gordon M. Kranz is the Deputy Director for Earned Value Management Performance Assessments and Root Cause Analyses in the Office of the Assistant Secretary of Defense for Acquisition. Mr. Kranz's office serves as the Department of Defense focal point for all policy, guidance, and competency relating to Earned Value Management.

[Read the full biography](#)

Thoughts? Questions?

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<http://www.acq.osd.mil/evm/index.shtml>