



Army Cost Management Steering Group

18 November 2014 1300-1500 3E387



Agenda



- Overview
- CMSG Charter
 - CMSG Ad Hoc Working Groups
 - Labor Tracking Business Case Analysis Defining Requirements
- Cost Management Implementation Plan(s)
- Discussion Topics
 - Command Cost Model Design Documents
 - Cost Managed Organizations
 - Implementation Plan
 - CM Trained Workforce
 - Cost Structure Design within ERP
 - CM Review Process
 - CM Maturity Model Goals Achieved
- Way Ahead



Cost Management (CM) Steering Group Kick Off



Purpose:

To shape and inform the implementation of cost management policy, strategy, system design and practices in alignment with Army Leadership priorities. Provide guidance and understanding on Army enterprise level cost needs, performance metrics, capability gaps, and recommendations required for more agile, effective, and efficient decision making processes.

Expected Outcomes:

Obtain Army-wide support for this effort to successfully implement Cost Management and meet the information needs across the Army, starting with:

- CMSG Charter review
- CMSG input on key CM information needs and strategies required to successfully support the resource information decision making process and Army leadership priority goals and missions.

18 November 2014



CMSG Charter



Chair: ASA(FM&C) - DASA-CE.

GO/SES Representative Member of:

Headquarters, Department of the Army 2nd Army

U.S. Army Forces Command U.S. Army Corps of Engineers

U.S. Army Training and Doctrine Command

U.S. Army Tests and Evaluation Command

U.S. Army Materiel Command

U.S. Army Installation Management Command

U.S. Army Pacific

U.S. Army Europe

U.S. Army Medical Command

Objectives:

- Advise Army Senior Leadership on Army Cost information needs required to successfully implement Cost Management Army-wide and support Leadership's PPBE decision making process.
- Inform and influence the implementation of Cost Management policy, strategy, key capabilities, and best practices sharing.
- Share accurate and reliable cost information and data to synchronize, accelerate, and maximize available resources.
- Take full advantage of all ERPs to enable better cost planning, analysis, and control.

Cadence: Quarterly Location: Pentagon/VTC Term: 2 years



Defining Cost Information "Why & What is Needed"



Cost Information Needs:

- Cost of Readiness
- Cost of Training Readiness
- Cost of BCT
- Cost of Post Production SW Support
- Cost of IT Services and Support
- Cost of Installation Services
- Cost of Recruiting a Soldier
- Total Ownership Cost of Equipment
- Cost of Etc...

Varies by:

- Proximity "Where you sit"
- Periodicity "Duration"
- Purpose "Decision"

Different Meaning by:

- Function Budget vs Functional
- Stakeholder "Internal vs External"
- Role "Customer vs Provider"

Cost Terms / Definitions:

- Fixed and Variable Cost
- Funded and Unfunded
- Must Fund and Discretionary
- Direct and Indirect Cost
- Reimbursable and Direct Fund
- Overhead, G&A, Fee
- Sunk Cost
- Investment and Sustainment
- Recurring and Non-Recurring
- Etc...





Army Financial Transparency

Cost

Accounting

Cost Control

Cost

Planning



Challenges

- **DOD Audit Readiness**
- Visibility into Cost and Spending

Meaningful Business Analytics for Decision Making

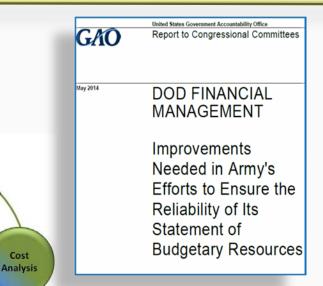
- Financial System Interface Errors and Rework
- Cost Tracking to Output / Outcome

Opportunity

Army Cost Data Capture Strategy and CM

Progress

- Cost Culture and Cost Management (CM) Initiatives
- Army General Fund Enterprise Business System (GFEBS)
- Addressing Financial Material Weaknesses LSS
- Army Financial Management Optimization (AFMO)
- Army Financial Benefits Reporting and Tracking (AFBRT)
- Army CM Steering Group







Army Cost Management (CM)





People

- 1. Leadership Commitment
- **Training**
- FM Workforce (AFMO)

Technology

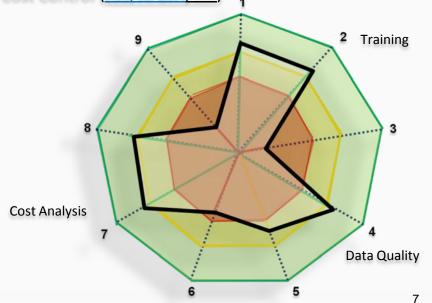
- 4. Data Quality (ERP Cost Data, Performance Metrics)
- 5. Tools & Models (Analytics, BI)

Process

- 6. Cost Planning (Cost Estimates,)
- 7. Cost Analysis (CBA, AoA,)
- 8. Cost Integration to Requirement, Acquisition & Resource
- 9. Cost Control (LSS, AFBRT,)

CM Goal: Best Value Proposition / Resource Optimization

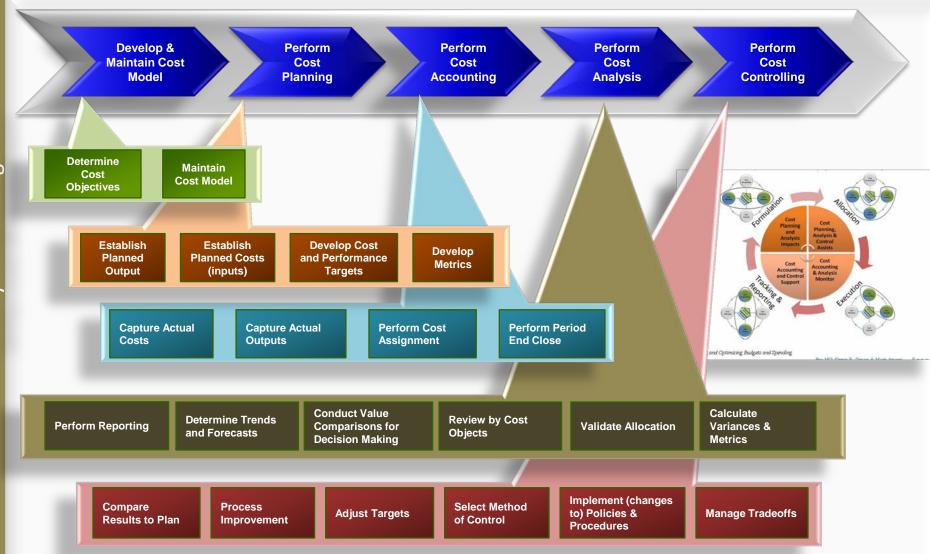
- Stewardship of nation's resources
- Cost informed decision making
- Continuous improvement
- Accountability for costs
- Tracking progress





Army Cost Management End-to-End Process

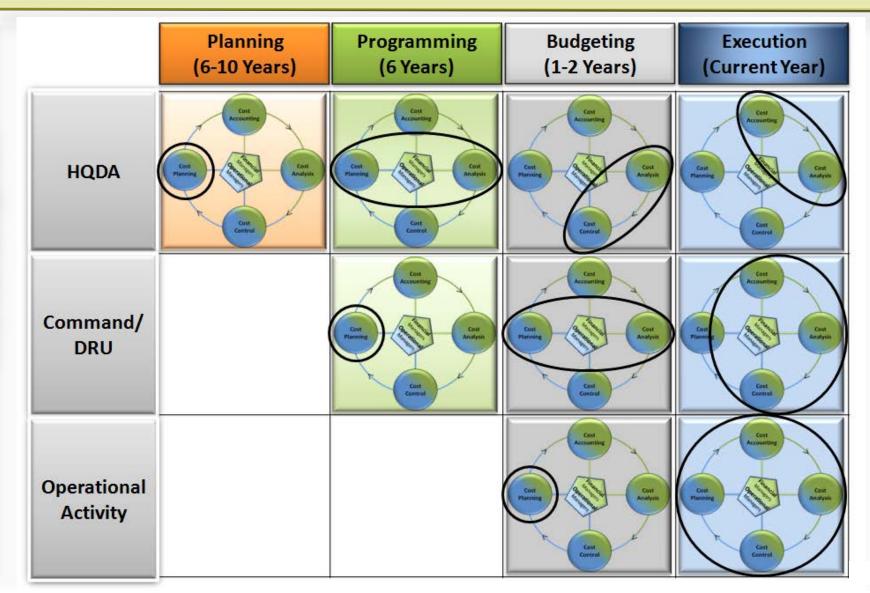






Army CM / PPBE Matrix



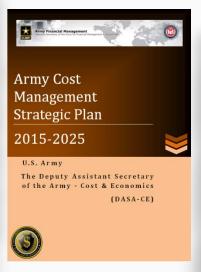




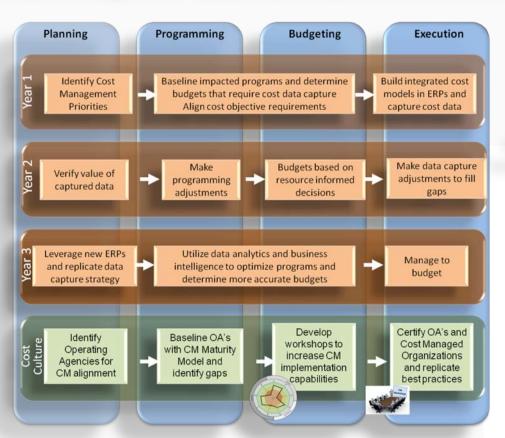
Cost Management "Strategy to Deployment"



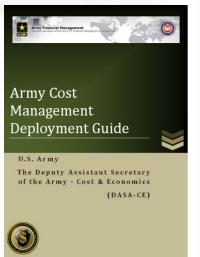
- ✓ Improve data quality and cost data visualization tools for decision making in the PPBE process.
- ✓ Incorporate rigorous Cost Management in funding decision to reduce future cost risk.
- ✓ Comprehensive execution data capture in resource allocation process to support auditability.



Integrate Cost Management into PPBE and Core End-to-End processes



Prioritized, Aligned, and Optimized Cost Data Capture





CMSG to Guide Policies and **Key Focus Areas**



Army Policy

- Army Information Needs
- Army Posture Statement
- Army Financial Management Optimization (AFMO)

2. STRATEGY & PROCESS

1. POLICY

Policies and Regulations ■ AR 1-1 (PPBE)

- AR 5-1
- AR 18-11
- APGM
- Command level Policies and Regulations

OSD Policy & Legislative Sources

- Army Financial Transparency
- NDAA 10, 12, 13, 14
- GAO Reports
- Better Buying Power
- CFO Act
- GPRA



Cost Management Integration Strategy in PPBE





4. OPTIMIZED RESOURCES

3. DECISION MAKING



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CMSG Planned Schedule



- Quarterly CMSG Schedule (T)
 - ✓ Quarter 1 18 Nov 2014
 - Quarter 2 25 Feb 2015
 - Quarter 3 20 May 2015
 - Quarter 4 19 Aug 2015
- Location: National Capital Region with VTC





Back up





Example for Discussion



Example of Costing Needs "Cost of Readiness"



Why Readiness Costing is Needed?

- Major funding reductions put readiness at risk.
- If we don't know what readiness cost how can we say it's not enough.

External

- To aid in building budget materials.
- Justify budget decisions to OSD and congressional staff.

Internal (Army Senior Leader questions)

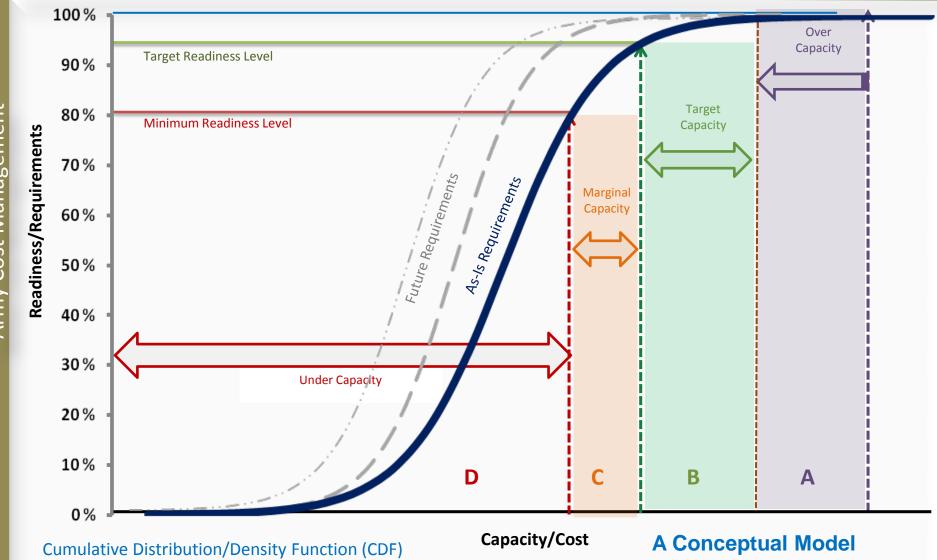
- What is the readiness impact if we assume more risk in funding?
- How much funding can be reduced and still maintain minimum required deployable units?
- Where is the knee in the curve between cost and readiness?





Readiness & Requirements Capacity & Cost







Cost of Training Readiness Structure

(G3/5/7 Working Draft)

UIC Direct

>Funding and requirements directly influenced by the Brigade training strategy that are tied directly to a Brigade

=Direct(\$1stFYinFYDP)+Indirect(\$1stFYinFYDP)+C TCTRANS(\$Program)+\$AMMOSTRACStrategy

General Support

- >Costs and requirements that can change in proportion based on the desired outcome.
- > Requirements that can be influenced by recourse decisions and increases or decreases in resources will directly affect a units training strategy.
- > Capability that supports on an area basis.
- **≻**Cost of Unit

Trng=TSS(OMAAPE)+UnitTraining(OMAAPE)+Sust and Inst Training(OMAAPE)

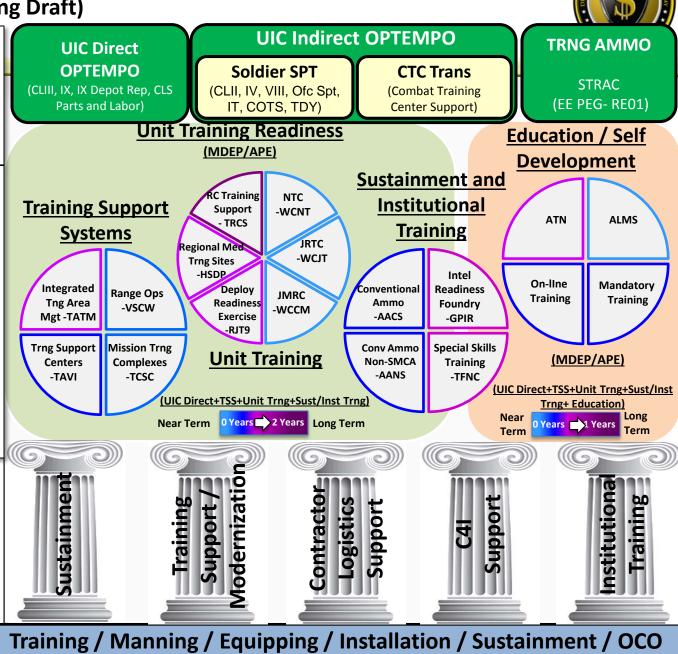
Cost of Leader Development=Cost of Unit

Trng+Education/Self Development (OMAAPE)

Enterprise

- **≻**Costs and requirements that remain unchanged irrespective of the output.
- > Requirements that must be in place in order for a brigade to train.

Total Unit Cost of Training for the Army=UICDirect+General Support+Enterprise(\$MDEP/APE)





Data and Information Network



What Data/Information Do We Have or Need?

Source: APPG SEPT 14

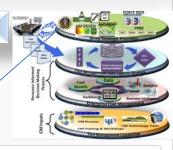
		Data Network					
Information Needs	Enterprise/ External Use?	Data /Information Available?	Organization (s)	Line of Effort	Source(s)	Decision(s)	
HQDA requires a cost analysis of ARCYBER Mission Unique Equipment requirements in order to program funding in time for facility occupation.	✓		G6	Installations		✓	
How do we develop a comprehensive institutional process to derive the cost of training readiness to provide a shared understanding to Army Senior Leaders and Managers?	✓		G3	Readiness		✓	
The Army is directed to define a path forward for this program because of The critical role of software growth and sustainment. As resource constraints make The current business model unaffordable, The effort shall include business models and options that reduce costs and increase performance outcomes.	✓		G4	Equipping/ Modernization			



Examples of Congressional and Leadership Information Needs



Hierarchy of Army Cost Needs



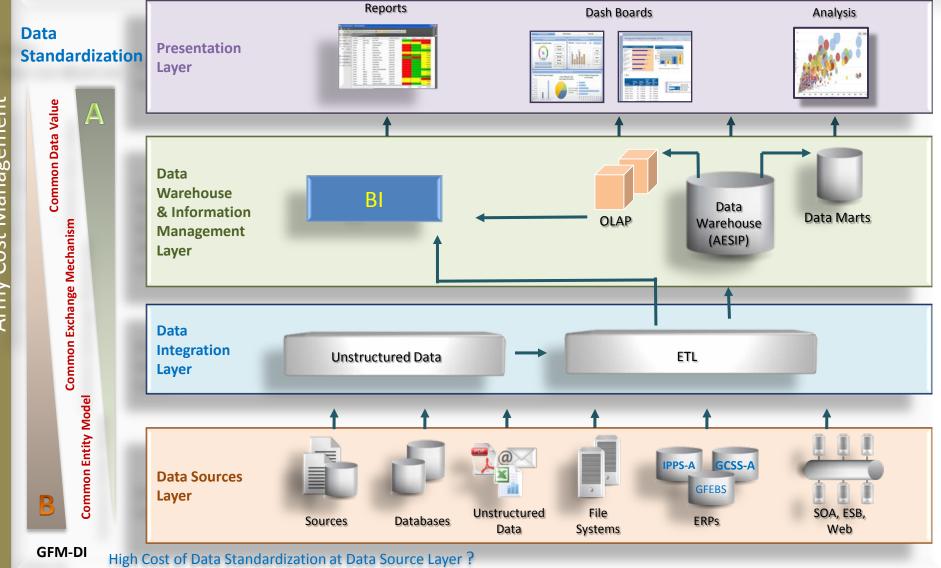
Hierarchy of Army Cost Questions with Examples

		Doctrine	Organiza	tion	Training	Materiel	Leadership	Personnel	Facilities
ì	Knowledge Level	Policy & Modernization Strategy	Operating Force	Generating Force	Human Capital	Military Equipment	Human Capital	Human Capital	Installations
1	Program Cost		MTOE Units	TDA Units	Institutional; Functional; and OPTEMPO Unit Training	Procurement & Sustainment Cost by Weapon System Family	Professional Development Programs	Pay, Benefits, Recruiting, Retention	BOS/SRM Cost by Service and Installation
	Program Drill Down	POM, Budget, CY Execution and History by Compo, OA, FY, APPN, MDEP, APE, Base/OCO and Location							
2	Non-Financial Quantity Measures		# BCTs, CABs, Enablers	#NTC Rotations Supported	#Trained Grads;	#Tanks, Aircraft Procured & Sustained	#Leaders from squad leader to 4-star generals required	#MTOE/TDA Authorized and Onhand;	# Service Offerings; Bldg SqFt; Population Supported (Soldiers, DACs, Contractors, On- Post Housing)
3	Simple Metrics (unit cost)		OPTEMPO \$ / ABCT	NTC \$ / Rotation	Flight Trng \$ / Apache Pilot Grad	Reset \$ / Bradley	Training cost per leader	MPA Cost per Soldier	BOS \$ / On-Post Soldier
4	Fully Loaded Cost		ABCT Cost w/ OPTEMPO Trng; NTC; Equipment Reset; BOS; Mil Pay, Inst Trng		Life time training cost by MOS;	Bradley Cost w/ OPTEMPO, Depot Reset, Contracts; Depreciation; PEO, Central Log & Instil Support		Cost per Soldier w/ MPA, BOS, MED, Trng & Variable Facility Cost	
5	Performance Metrics		Readiness vs. OPTEMPO Miles & \$		Unit T Rating	Unit S Rating		CHRA \$ per new hire civilian; Unit P rating	per Capita Utility Expense
6	What if Excursions		Reduce 3 BCTs;	Merge 3 FOAs	Pre-position Equip at NTC	Transfer 800 Aircraft to the RC	Expanded training for unit commanders	20% Civ End Strength Reduction	BRAC 2 Post



Opportunity for Data Capture and Advanced Analytics Strategy

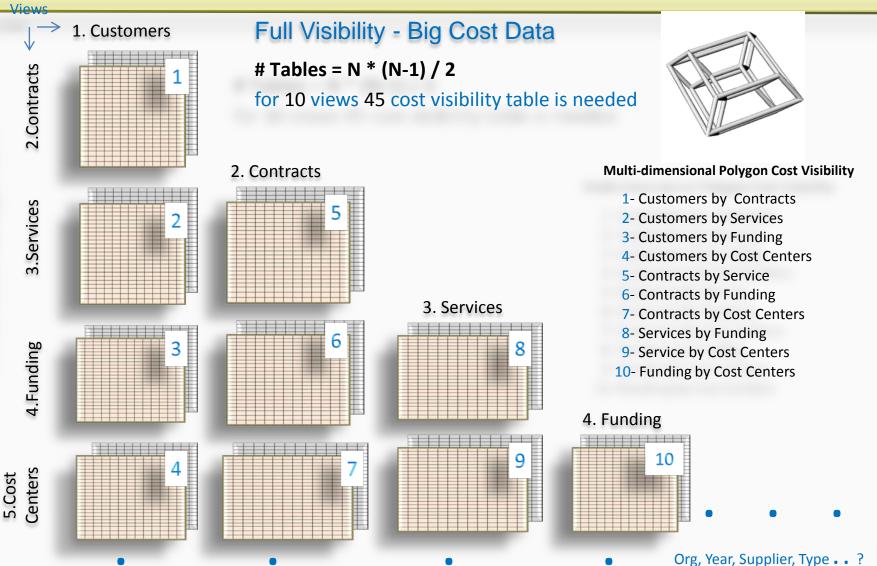






Enterprise CM Data Need







PPBE and Cost Management Activities

	Planning	Programming	Budgeting	Execution
	(6 - 10 Years)	(6 Years)	(1-2 Years)	(Current Year)
HQDA	Strategic Decision-Making: - Cost Benefit Analysis - Analysis of Alternatives - Army Cost Position (LCCE) - Cost Models / Tools * FORCES Costing Model * Capability Costing Tool - Cost of Army - Workforce Analysis	Outyear Forecasting: - Cost Factors & Models * TRM/OSMIS * FORCES Costing Model * AMCOS / Civ Pay Rates - Army Cost Position (LCCE) - Contingency Cost Model - CBA's, LSS - Incorporate AFBRT benefits	Formulation / Justification: - Cost Factors * OPTEMPO Cost Factors * Mil Pay Rates * Civ Pay Rates - Cost/Spend Plans - Analysis to Defend Positions - Historical Trend Analysis - Establish Should Cost Goals - Include AFBRT initiative info	Allocation/Funds Distribution: - Cost Analysis to Support * Cash Management * Reprogramming * Rate of Execution - Budget vs. Actual (Variance) - Monitor Will /Should Cost - Track Cost Savings (AFBRT) - Mid-Year Reviews
Command / DRU		Strategic Planning: - Cost Benefit Analysis - Concept Plans - Workforce Mgmt - Trend Analysis - Cost Models / Tools - Investment Decisions - Identify Efficiency Initiatives - Submit AFBRT initiatives	Outyear Plans / Controls: - Cost Targets/ - Annual Efficiency Goals - Assess Cost & Spend Plans - Plan Output (Capacity Mgmt) - Cost Benefit Analysis - Trade Space Analysis - TRAPS - Establish AFBRT initiative milestones	Measure & Control: - Variance Analysis (Cost & Output) - Benchmarking Best Practices - Adjust Cost Targets - Mid-Year Reviews - Measure Reduction Initiatives - Adjust Allocation Rules
Operational Activity			Operational Planning: - Establish Annual Cost Plans - Set Output Goals / Objectives - Optimize Capacity - Adjust to Directives (e.g. TRAPS) - Establish Activity Rates (Labor / Equip) - Estimate OH Allocations	Continuous Improvement: - Qtrly Cost Mgmt Reviews - Variance Analysis * Resources (Inputs) * Labor Rates * Output (Unit Cost, Qty) - Budget vs. Actual (Variance) - OH Allocations - Product/Service \$, Customer \$ - Track AFBRT Savings