



Achieving Common Vocabulary Across the DoD



Agenda

- What is a Common Vocabulary?
- End to End Processes
- Requirements for an Enterprise Data Standard
- Business Enterprise Common Core Metadata (BECCM) Community of Interest
- BECCM Conceptual Overview
- BECCM COI Process



Common Vocabulary Definition

Common Vocabulary – The common vocabulary identifies DoD business terms with definitions that explain the meaning, business rules, context and use.

Supporting Information – The primary use of the common vocabulary is to define the Department's business terms with sufficient clarity that business and technical users can select the proper element when creating, exchanging, or reading transactions across the enterprise.

- **Should be defined in terms of DoD end-to-end business process**
- **Serves as a reference for business content in context for information exchanges, Business Enterprise Architecture (BEA) artifacts, future system development, and information visibility**



Common Vocabulary Purpose

Purpose –

- Promotes and enables the sharing of information among functional users
- Promotes and enables the sharing of data among systems
- Increase design and implementation discoverability, understandability, and uniformity of systems
- Enables systems to be more interoperable
- Reduces the expense of unwarranted duplication of systems integrating new applications, and setting up new connections between existing systems



End-to-End Business Processes

Procure to Pay

- Execute Requisition
- Source Goods & Services
- Manage Contract
- Execute Purchase
- Perform Receipt, Acceptance & Return
- Process Invoice & Match
- Execute Disbursement (Entitlement)

Acquire to Retire

- Concept to Product
- Procure to Pay
- Placement into Service
- Manage Asset
- Dispose of Asset

Budget to Report

- Perform Planning
- Perform Program Development
- Perform Budget Planning & Formulation
- Distribute Budget
- Manage Budget
- Perform Reporting

Hire to Retire

- Manage Organization
- Acquire Human Resources
- Develop Human Resources
- Assign Human Resources
- Maintain Human Resources
- Separate or Retire Human Resources

Order to Cash

- Manage Customers
- Accept Orders
- Prioritization of Orders
- Fulfill Orders
- Perform Distribution
- Manage Receivables
- Manage Cash Collection

Plan to Stock

- Create Inventory Plan
- Determine Source
- Receive, Accept and warehouse Inventory
- Distribute and Pre-Position Inventory
- Perform Inventory Management
- Dispose of Inventory

Concept to Product (R&D)

- Recognize Problem
- Define Capability
- Develop Product/ Project Concept
- Initiate Planning & Obtain Commitment
- Initiate Product Development
- Introduce Product

Environmental Liability

- Identify Sites/Assets with Environmental Liability
- Develop EL Cost Estimates
- Perform Environmental Cleanup, Closure, or Disposal Action
- Report Environmental Liabilities

Service Request to Resolution

- Identify Requirement
- Fund Requirement
- Source Service
- Schedule Service
- Diagnosis
- Final Requirement
- Perform Service
- Close & Post Record
- Create Bill
- Return to Inventory or Use

Service to Satisfaction

- Identify Requirements
- Establish Service Capability
- Provide Service
- Measure Customer Satisfaction & Improve

Cost Management

- Establish Cost Accounting Procedures
- Develop Cost Methodology
- Perform Cost Assignment
- Perform Period End Close
- Develop Reports

Proposal to Reward (Grants)

- Identification & Prioritization
- Execution & Review of Grant Application
- Review & Award of Application
- Execute Grant
- Perform Management & Administration

Market to Prospect

- Establish Marketing Plan
- Target Audiences
- Plan & Define Marketing Campaigns
- Execute Marketing Campaigns
- Measure & Evaluates Marketing Campaign Performance

Prospect to Order

- Forecast Sales
- Generate Leads
- Negotiate Order
- Manage Accounts
- Service & Support Customer

Deployment to Retrograde/Redeployment

- Planning
- Organization Notification
- Deployment Preparation
- Movement
- Reception
- Theater Support
- Retrograde/Redeployment
- Reset



Requirements for a Enterprise Data Standard

A Data Standard is comprised of:

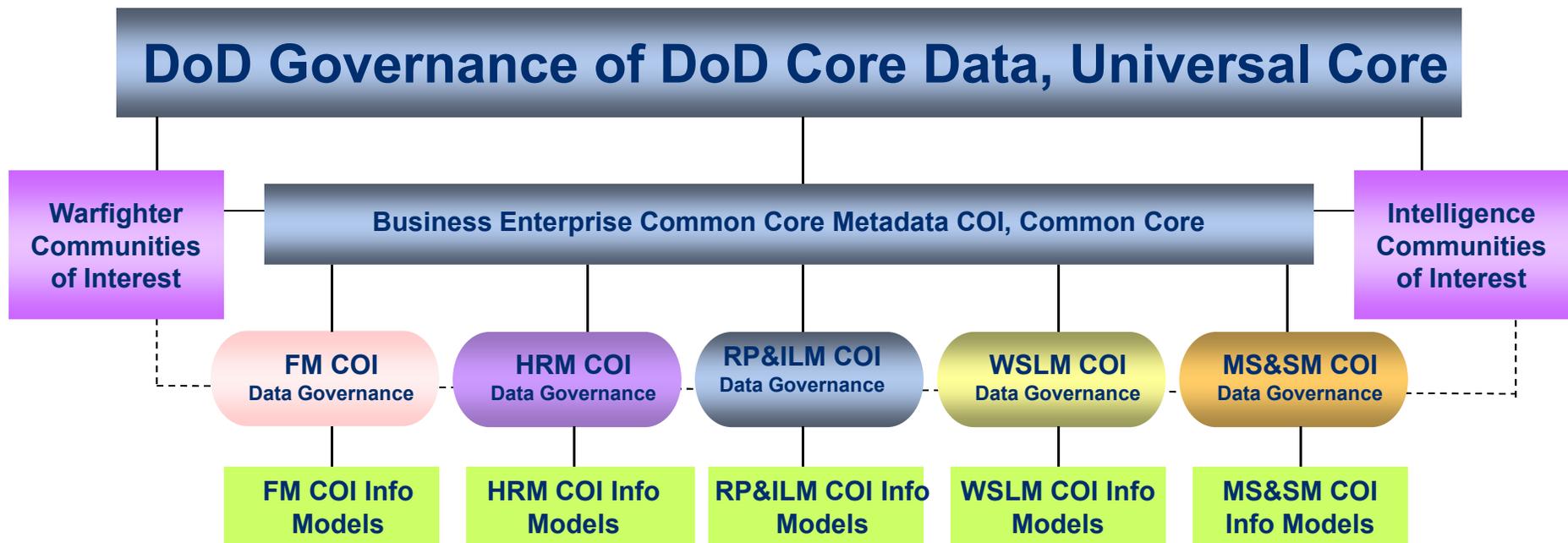
- **Entity name**
- **Business Rule**
- **Data Element Name**
- **Data Element Definition**
- **Data Domain**
 - **Data Type**
 - **Data Length**
 - **Default Value (Optional)**
 - **Permitted values or authoritative sources (Optional)**



Adjudicating the Enterprise

The BECCM COI provides governance for the DoD's end-to-end business process enterprise standards

- In the event consensus on enterprise standards cannot be reached at the COI level, the BECCM process will be used to adjudicate across functional areas





Conceptual Overview of the BECCM COI Governance Process

COI Escalation of Topic



BECCM COI Governance Process

	Assess Topic	Formulate Scope & Guidance	Business Vocabulary Phase	Approval of Functional Approach	Technical Syntax Phase	Approval of Enterprise Data Solution
Activities	<ul style="list-style-type: none"> ▪ Maintain topic log ▪ Review topic template from COI ▪ Confirm topic within BECCM COI charter ▪ Collect additional input from BECCM COI ▪ Assign topic to a working group, back to the CBM COI, or review within the BECCM COI 	<ul style="list-style-type: none"> ▪ Determine required skills and organizations ▪ Define scope and guidance for working group ▪ Create memo to establish working group ▪ Identify SMEs 	<ul style="list-style-type: none"> ▪ Review business process context ▪ Define Business Vocabulary ▪ Analyze problem and identify root cause ▪ Define functional requirements ▪ Identify alternatives ▪ Draft recommendation 	<ul style="list-style-type: none"> ▪ Review and approve or reject approach ▪ Record preliminary findings ▪ Agree on technical objectives for working group ▪ Add technical SMEs 	<ul style="list-style-type: none"> ▪ Execute Technical Syntax process ▪ Validate against future state (ERP) ▪ Proof of Concept ▪ Draft technical documentation in conjunction with CBM COI(s) staff 	<ul style="list-style-type: none"> ▪ Review recommendation and documentation ▪ Endorse or reject materiel, policy and procedural changes/impacts ▪ Record outcome and communicate to the CBM COIs and other governance bodies
Outcomes	<ul style="list-style-type: none"> ▪ Enterprise topic log ▪ Updated topic definition template ▪ Decision to accept or reject topic 	<ul style="list-style-type: none"> ▪ Problem statement ▪ Objectives ▪ Expected deadlines ▪ Defined scope for working group ▪ List of stakeholders ▪ Designation of working group lead ▪ Memo authorizing working group and requesting POCs 	<ul style="list-style-type: none"> ▪ Status updates ▪ Proposed functional approach, including analysis, alternatives, and recommendation 	<ul style="list-style-type: none"> ▪ Agreement to proceed or return for additional consideration ▪ Adjustment of working group objectives and members ▪ Updated documentation for functional approach (if necessary) 	<ul style="list-style-type: none"> ▪ Recommended policy changes ▪ Technical requirements ▪ Proof of Concept documentation and results ▪ Completed implementation requirements package ▪ BIPS 	<ul style="list-style-type: none"> ▪ Functional and technical requirements with ERP mapping ▪ Published documentation ▪ Updated log of enterprise topics

BECCM COI Process

At What Stage is the Standard?

