
Army Product Data & Engineering Working Group (PEWG) briefing to MBE / TDP Summit

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PEWG Chair**

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Briefing Purpose and Outline

Purpose: Provide background information on AMC's Army Product Data mission and Army Product Data & Engineering Working Group (PEWG)

Outline:

- PEWG Background
- Key challenges related to Product Data
- Army Product Data & Engineering Working Group (PEWG) Work Products
- Summary
- Points of Contact

PEWG Background

- April 2004 – ASA(ALT) delegated HQ AMC responsibility for engineering, technical and product data, configuration management, and data management within Army
- March 2005 - HQ AMC chartered the Army Product Data & Engineering Working Group (PEWG)
- PEWG is Army-wide working group dedicated to addressing issues related to use of product related information
- PEWG provides field subject matter expertise to assist HQ AMC in the conduct of its PD mission.
- PEWG completed and on-going products address key challenges facing DoD and Army today

Key Challenges in Product Data Today

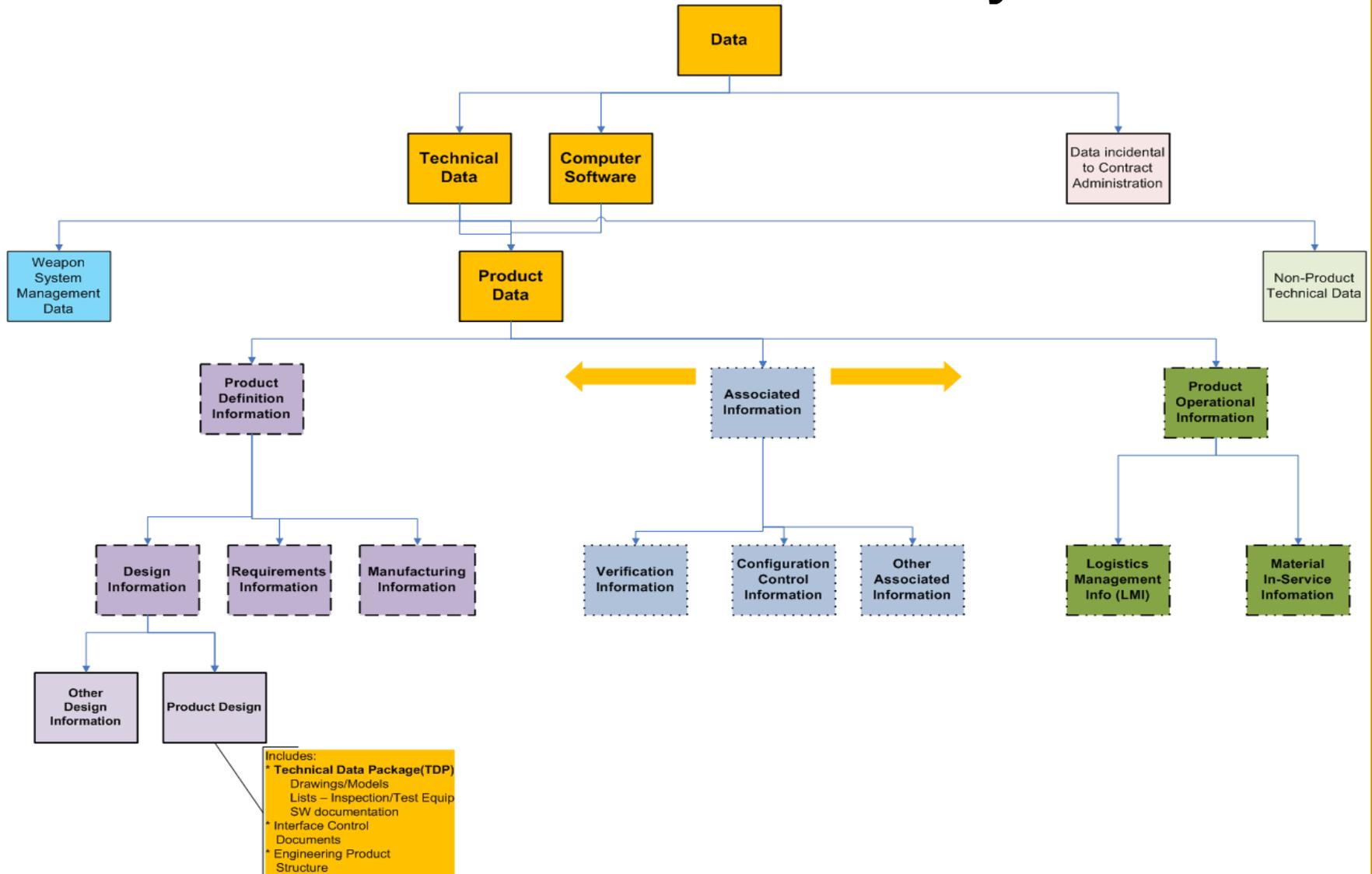
Reduction in costs by increasing “Real Competition”

- Defined as ability to use competitive approaches in development, acquisition, and logistics support of weapon systems
- Requires either multiple existing vendors of the desired product or service, or data about the product or service that allows a knowledgeable provider (Gov’t or contractor) to provide it by using the provided data.
- DoD and Army require ACAT I & II programs to develop and use Data Management Strategies (DMS) to:
 - Determine program data needs for life cycle support
 - Acquire needed product data and associated data rights
 - Store and manage the data for life cycle use
 - Exchange product data with business partners

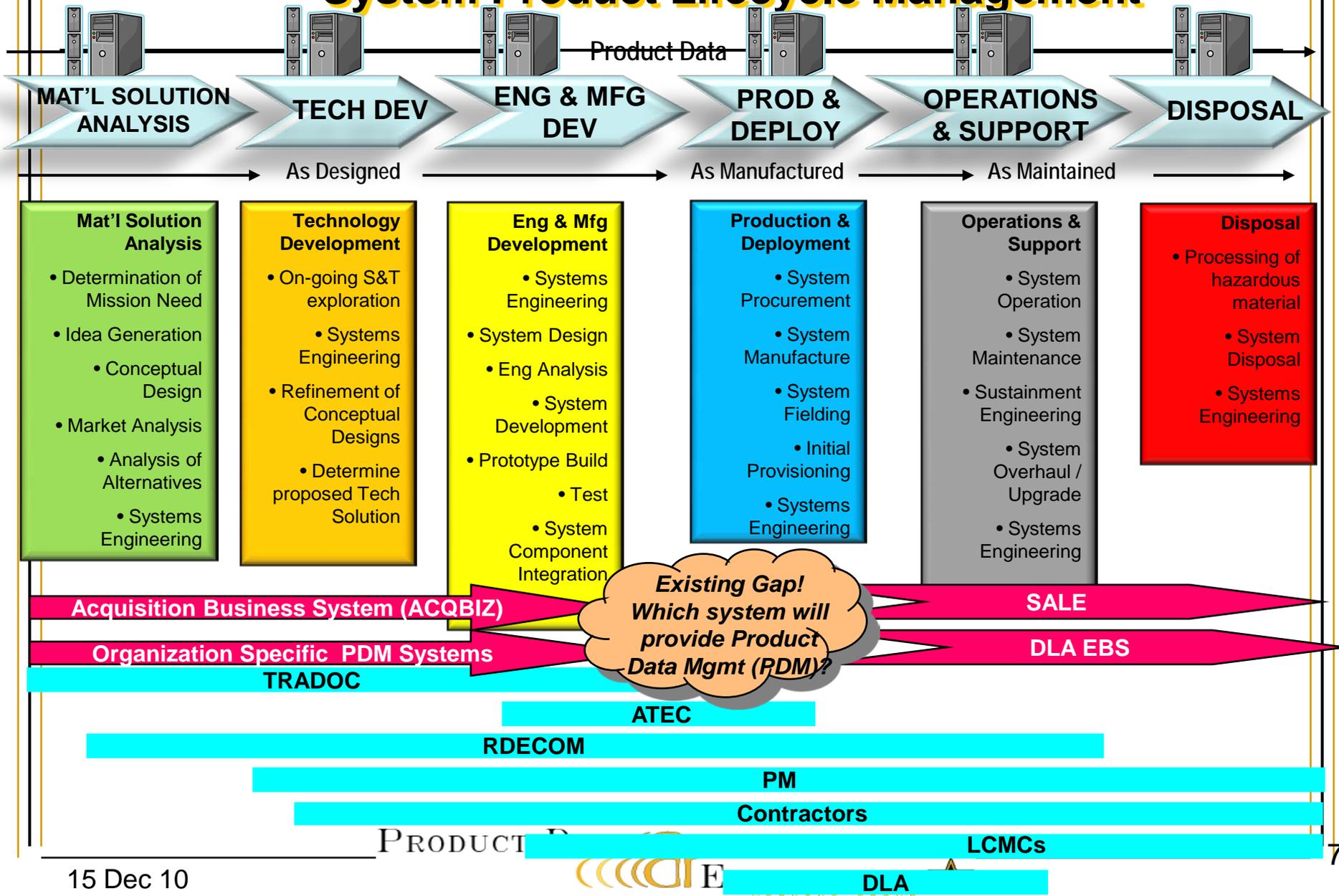
PEWG Products

Program Requirement	PEWG Product
Develop Data Mgmt Strategy (DMS)	<ul style="list-style-type: none"> • Army DMS Guide
Determine product data required to support system throughout life cycle	<ul style="list-style-type: none"> • Product Data Taxonomy • Data Requirements Determination methodology & support tool (new initiative)
Acquire needed data and appropriate rights	<ul style="list-style-type: none"> • Report on Product Data related standards for acquiring data on contracts • Army DMS Guide discussion of data rights options and legal process
Store & manage product data over the life cycle	<ul style="list-style-type: none"> • Army requirements for PDM systems (ePDM Performance Specification)
Exchange product data with business partners	<ul style="list-style-type: none"> • Report on Product Data related standards for exchange of data • Mapping of business processes used to exchange data between Army & DLA

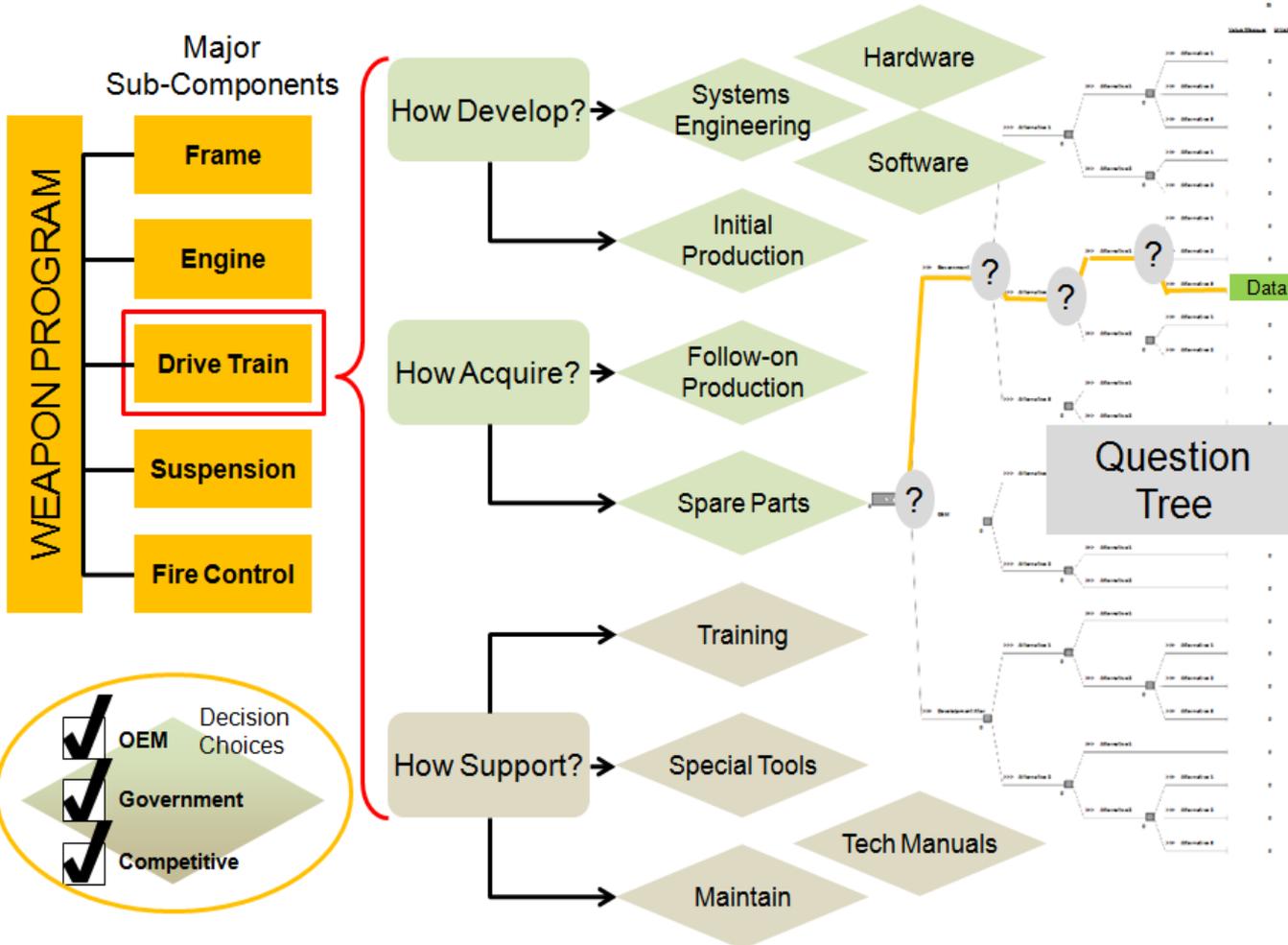
Product Data Taxonomy



Product Data is required to perform Weapon System Product Lifecycle Management



Data Requirements Decision Support Tool



- New initiative
- Interest by Air Force Product Data Acquisition (PDAQ) team in participating
- Need people familiar with program life cycle data needs



Summary

- Lots of research conducted
- Completed and new products helping program offices address key challenges
- More to come
- Can use more knowledgeable people to participate
- Focus areas of this summit are key areas needed for Army Product Data Management

Points of Contact

If you have questions or want more information contact

- Overall
 - HQ AMC G-6 Capabilities Management
 - Jim Hennessey (Div Chief), DSN 656-8909, COMM (703) 806-8909, e-mail: Jim.Hennessey@us.army.mil
 - Deborah Laforme (Action Officer), DSN 656-9149, COMM (703) 806-9149, e-mail: deborah.laforme@us.army.mil
 - PEWG Chair - Tom Schneider, ARDEC, DSN 793-7794, COMM (309) 782-7794, e-mail: Tom.Schneider@us.army.mil
- WP #1 – Product Data Definition
 - Tom Schneider, ARDEC, DSN 793-7794, COMM (309) 782-7794, e-mail: Tom.Schneider@us.army.mil
- WP #2 - Standards
 - Scot Motquin, LOGSA, DSN 645-9834, COMM (256) 955-9834, e-mail: Scot.Motquin@us.army.mil
- WP #3 - Policies
 - Russ Miller, AMRDEC, DSN 746-1335, COMM (256) 876-1335, e-mail: Russell.F.Miller@us.army.mil
- WP #4 – Business Processes
 - Kim Dahabsu, CECOM, DSN 992-2506, COMM (732) 532-2506, e-mail: Kim.Dahabsu@us.army.mil
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