



DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



DLA Perspective: Model-Based Enterprise

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WARFIGHTER SUPPORT

STEWARDSHIP EXCELLENCE

WORKFORCE DEVELOPMENT



Agenda

- DLA Mission Overview
- Background
- Recent Actions
- Current Actions
- Processes Impacted By Tech Data
- Future Actions
- Points of Contact





Mission: Supporting the Warfighter

- **America's combat logistics support agency.**
 - Provide best value integrated logistics solutions to America's Armed forces and our interagency customers in peace, during national disasters/emergencies and in war, around the clock in the homeland and around the world.
- **A \$42 Billion global enterprise**
 - More than 25,000 military and civilians
 - 48 States / 28 countries
- **Managing nearly 5.1 Million line items via nine supply chains**
 - Supply 86% of Services' repair parts & 100% of fuel and troop support consumables
 - Support over 2,300 weapons systems
- **A "Day in the Life" of DLA:**
 - 9,000 procurement actions
 - 50,000 receipts and issues
 - 100,000 orders
 - 12M gallons of fuel issued



Background

- DLA Technical and Quality Assurance Division (J344)
 - Management and distribution of product data
 - technical data (e.g., 3-dimensional model product data)
 - document management system
 - internal and external end users
 - Headquarters and Defense Supply Centers
 - Proponent of using Model-Based Enterprise (MBE) tools.
 - Focal point for communication with external MBE stakeholders for joint technology exchange
- DLA is in early stage of action planning to adopt an MBE



Recent Actions

- Discussions with DLA SMEs re: current tech data processes and use of 3D tech data
- Attended MBE Summit (Dec 2013)
- Discussions with CH-47 office, ARDEC, NASA, ANARK, and NAVAIR re: 'lessons learned' (MBE Summit presentations)
- Reviewed 2012 NIST 3D tech data survey
- Developed CAD/CAM software system compatibility matrix
- Identified sources for developing 3D pdf templates and conversion software
- Identified sources for 3D pdf training

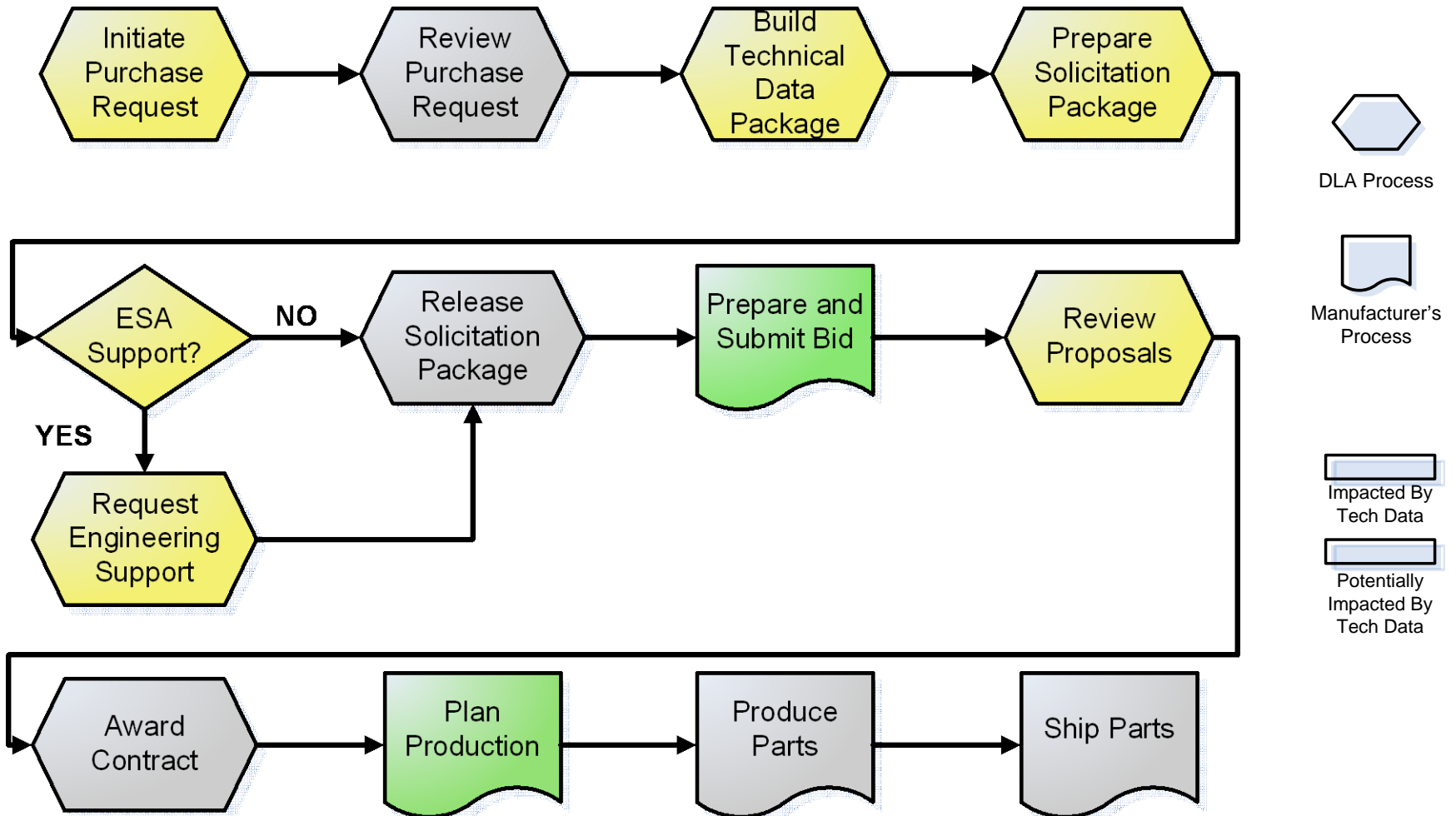


Current Actions

- Identify requirements for new/modified business processes, tools, training, etc.
- Develop Concept of Operations and plan
- Develop criteria/model/approaches for modernizing legacy tech data
- Identify best practices
- Interview stakeholders (including suppliers)
- Identify policy & procedure changes to support MBE
- Prepare for use of model-based tech data during daily procurement activity
- Extract/analyze data to identify number of DLA items that require TDPs for procurement



Processes Impacted By Tech Data





Future Actions

- Review A-10 EWA process maps re: use of 3D models for provisioning and procurement
- Characterize current status relative to 3D tech data and build the 'roadmap' attain the desired capability
- Survey/identify modernization approaches and hardware/software requirements, and estimated costs
- Quantify potential benefit ranges for various approaches
- Develop screening models to identify which parts should have legacy technical data updated
- Assess impact on suppliers
- Assess DLA capability to read/use various CAD s/w
- Conduct first DLA procurement under MBE
 - Limited scope with Service partnership



Points of Contact

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QUESTIONS?

