Technical Data Modernization & Impacts on Parts Management

Parts Standardization & Management Committee Conference
November 2006
Purpose: To update you on DLA’s technical data modernization and the impact on DLA’s part management efforts

Agenda:
- What are DLA’s modernization programs?
- What’s in place now for technical data?
- What is the relationship to parts management?
- What are the next steps for DLA?
DLA Modernization - the big picture

- Customers
  - Customer Relationship Management
  - eMall
  - ePortal Services
  - eWorkplace
  - IDE
  - Order Fulfillment
  - Security Services
  - Communication Services
- Suppliers
  - Product Data Management
  - Directory Services
  - Enterprise Application Integration
  - Supply Chain Management
  - Supplier Relationship Management
  - Procurement Tech and Qual. Mgmt
  - Financial Management
- Suppliers
- Employees
- Stakeholders
- Program/Mission Areas
- Core Systems/Process Architecture

- Integration/Infrastructure

DLA Modernization - the big picture
PDMI is DLA’s strategy for transforming the Agency’s Technical and Quality business processes and capabilities. The Technical and Quality business process is one of the five core business processes comprising DLA’s BSM strategy. The PDMI will provide part of the Technical and Quality business process solution.

**PDMI**
- Bidset preparation
- Document maintenance/version management
- Document repository (JEDMICS)
- Collaboration with customers & suppliers
- ECP/ECN management

**BSM**
- Tech review of PRs
- Match PR with specs & QAP
- Tech/Quality history
- Vendor performance management
- Product quality complaint mgmt
- Bills of Material
- Packaging data

**FLIS/CRS**
- National Stock Number items
- New item introduction
- Item descriptions
- Establishment & Maintenance of NSN relationships
- Reference data

Services Data Environment (Army PLM plus)
Why modernize tech data?

- Standardize item master data
- Link to other processes
- Consolidate DLA technical data
- Improve data accessibility & visibility
- Replace out-dated organic systems
- Link to existing DoD document databases
- Allow collaboration with Services

Take advantage of current product lifecycle management capabilities
What’s in place now?

- Standard material master record in sync with the federal catalog for national stock number items
- Improved, consolidated information on manufacturer/part number buys
- Single data repository for seven DLA supply chains (aviation, land, maritime, medical, construction & equipment, subsistence, clothing & textiles)
- Data access for suppliers and customers based on rights & data privileges
- Automatic updates from ASSIST for spec items
- New business warehouse for metrics & queries
Implications for parts management

Opportunities

- Single system for all DLA supply chains allows work to be cross site and cross supply chains
  - Flexibility for managing workload
  - Visible, standardized item information for 5 million DLA managed items
- Use of commercial SAP software throughout DLA
- More complete information on item characteristics, sales volume
- Potential for reports and templates geared to parts management projects
- Better positions DLA to link to a DoD portal for parts selection
  - DLA supply chains provide advice to users including PMOs
  - Opportunities to identify additional preferred parts
Implications for parts management

Challenges

- DLA operational staff still learning the new system
- DLA IT sustainment staff dealing with many systemic problems and needed improvements
- Preservation of existing parts management database (MPCASS) information with close-out of our legacy material management system
  - Still used to perform parts evaluation to MIL-STD-965
  - Over 25 years of accumulated parts data
Conclusion

• DLA is struggling with significant changes and budgetary constraints.
• Consolidation of information within DLA positions us to participate in a Center of Excellence approach.
• Our business data warehouse (BW) could be a powerful tool in part management.
• Future wish list includes: reports, templates, and decision support geared to parts management.