IUID-Enabled Serialized Item Management

Levels of Management Intensity

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Questions for Discussion

• Why is there a requirement for two levels of management?
  – Some IUID-required items need intensive tracking by UII at only one or two nodes of the supply chain (e.g. repair items in maintenance)
  – Some IUID-required items need intensive tracking by UII at ALL nodes of the supply chain (e.g. NWRM in receiving, issuing, maintenance, etc.)

• How can you implement two levels of management in a single system, i.e. owner/manager and retail supply in same system using same database?
Data Requirements May Vary....

ERP at ICP and Retail System Separate

ERP

Owner/Manager (ICP)

846P 947I

DAAS

846P 947I

WMS

Customer Retail Storage Site

ERP for both ICP and Retail

Owner/Manager (ICP)

ERP

“State” Change Update inventory qty at Retail location

DLA Distribution Depot

Customer Retail Storage Site
Data Requirements May Vary....

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- ERP for both ICP and Retail

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Standard-Intensity Serialized Management

ASSUMPTION: Owner/Manager and Retail Supply Activity in separate systems

Worldwide Inventory for owned materiel by NSN X and Qty
- NSN X - Qty 2 Location: Supply Base
- NSN X - Qty 1 Location: Maintenance

Supply Base: Receipt, Store, Inventory and Issue for NSN X by UII

Accountable Records By UII

Maintenance Base: Store UII at receipt, capture UII during repair action

Validate correct UII received, Resolve UII mismatches, discrepancies

Storage Activity

Inventory by Qty (By UII is Optional)
Receipt, Store and Issue by UII

Mismatches are researched by UII

Report Worldwide inventory by NSN as “Qty of 3” (527R)

Owner/Manager

Report UIIs shipped (856S)

Supply Activity Base 1

Report UIIs shipped (856S)

Maintenance Activity Base 2

Report UIIs shipped upon Materiel Return (856R)

Mismatches are researched by UII
Data Requirements May Vary....

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846P

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ERP

DLA Distribution Depot

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High-Intensity Serialized Management

ASSUMPTION: Owner/Manager and Retail Supply Activity in same or separate systems

Receive NSN X with Qty 3
- UII #1
- UII #2
- UII #3

Storage Activity

Storage Activity

Receipt, Store, Inventory and Issue by UII

Mismatches are researched by UII

Supply Activity Base
1

Supplied Activity Base

Supply Base: Receipt, Store, Inventory and Issue for NSN X by UII:
- UII #1

Accountable Records
By UII

Maintenance Activity
Base 2

Maintenance Activity
Base 2

Maintenance Base:
Receipt, Store, Inventory and Issue for NSN X by UII:
- UII #2
- UII #3

Validate correct UII received;
Resolve UII mismatches, discrepancies

Worldwide inventory for owned materiel by NSN X and UII:
- UII #1 Location: Supply Base
- UII #2 & #3 Location: Maintenance Base

Daily reconciliation by UII on balance affecting transactions; resolve UII mismatches/discrepancies

Owner/Manager Records
By UII

Owner/Manager Records
By UII

Supervised records
By UII

Accountable records
By UII

Mismatches are researched by UII

Owner/Manager and Retail Supply Activity Manage an Item by UII

Assumption: Owner/Manager and Retail Supply Activity in same or separate systems
Discussion

• What if we move to one level (all HIGH)?
  • Easier to implement (all or nothing)
  • Can be implemented by single system or multiple systems

• Will having one level drive to a smaller population?
  • Transaction volumes

• What is the impact to DLA if all items are managed IAW with HIGH business rules?
  • Is there a workload difference or, since DLA is capturing UIIs for acceptance and to update DSS, will there be a minimal impact?
  • Does DLA plan to segregate service ownership within their storage facilities (UIT items may guide us on this?)
More Questions for Discussion

• How will the IUID registry be updated?
  • Suppliers/WAWF will update the registries for new items
  • Other transactions that reflect custody transfer during the item lifecycle can be captured at DLA Transaction Services and sent to IUID registry
    • For example, issue transaction where SOS is DLA and destination is Army
    • Need to define all “custody transfer” type transactions
  • Discrepancies in the UII will have to be routed to the IUID registry via DLA Transactions Services
  • Disposals by UII will have to be routed to the IUID registry via DLA Transaction Services
Back Up Charts

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1. Why is there a requirement for two levels of management?
2. What is the impact to DLA if all items are managed IAW with HIGH business rules?
3. If we did have 2 levels, how would the registry be updated if Army procured 10 engines that DLA stored, but sent 2 of the engines to Navy under standard intensity business rules?
4. Do you plan on communicating receipt information of UII on standard intensity back to the owning ICP?
5. Does DLA plan to segregate service ownership within their storage facilities?
6. Current definition shows even sensitive items as standard? It seems that we are placing more into the standard category and are really trying to reduce the number of high intensity. I am not sure that is going to meet the overall requirement as I understand it.
Levels of Supply Management Intensity

- **Standard-intensity serialized management by UII**
  - Items that have a lifecycle traceability requirement, but do not require management by eaches on a daily basis
  - Managed by UII in accountable records (storage activity)
  - For example, DoD serially managed items that are sensitive or pilferable or DoD serially managed critical safety items or depot level reparables

- **High-intensity serialized management by UII**
  - Items with a lifecycle traceability requirement, that are “micro-managed” today
  - Managed by UII in accountable records (storage activity) and owner records (ICP)
  - For example, Nuclear Weapons-Related Materiel (NWRM)

FLIS code under development will enable standard and high intensity