UID Registry

♦ Purpose:
  – Collect UID and pedigree information of tangible items owned by DoD
  – Distribute UID and pedigree information to DoD users
  – Provide single point of reference for DoD tangible items that have assigned Unique Item Identifier

♦ Operational Environment:
  – UID Registry – database located in Battlecreek, MI
  – Operated by Defense Logistics Information Service
  – Resides on Business Process Network backbone
UID Registry Status

- **Implementation Timeline:**
  - Concept definition – Oct 03
  - Development and Test – Nov 03 – May 04
  - Initial Operational Capability - May 04

- **Current Functionality:**
  - UID and Pedigree data capture for new *End Items*
  - Source data from vendors
    - WAWF Shipment Notification
    - Direct electronic submission
    - Web-enabled manual submission
  - Current population
    - Over 6000 UIDd Items
UID “Pedigree” Data – Phase 1

End Item Data (15)
- UID (Concatenated)
- Descriptive Data
  - UID Type
  - Issuing Agency Code
  - Enterprise Identifier
  - Part Number
  - Serial Number
  - Item Description
  - Unit of measure
- Acquisition Data
  - Contractor DUNS
  - Contract Number
  - CLIN/SLIN/ELIN
  - Price
  - Acceptance Location Code (identifies acceptor)
  - Acceptance Date
  - Ship to code
UID Data Capture via WAWF

DoD Apps

Vendors

Mark Items with UID Data Elements
Shipment Notice
Invoice

Wide Area Workflow
Invoice, Receiving Report, UID Data

DD250

UDF Direct
Web User Interface

EDI

UID XML

UID Registry

Invoice, Receiving Report

DoD Apps

ACMS
MOCAS
BSM
MOCAS-RS
CAPS
One Pay
EBIZ
SABRS
IAPS
SAMMS

Key:
New
Enhanced
No change

EDI – Electronic Data Interchange
UDF – User Defined Format
UID Data Capture – Direct Electronic

Vendors

EDI, UDF, XML

Manual Web Entry

UID XML

Unique Identification is Transformation

UID Registry

Mark Items with UID Data Elements
Shipment Notice

EDI – Electronic Data Interchange
UDF – User Defined Format
Sample X12 856
Unique Identification Registry
Proof of concept demo

UID Search Government View Inquiry Results

UID: 25583501-1049-511037C
UID TYPE: Unique Identification Construct 1, Serialization within the Enterprise
Issuing Agency Code: 007250079
Original Part Number: 501-1049-51
Serial Number: 1037C
Description: INDICATOR, ATTITUDE
Unit of Measure: EA
Acquisition Cost: 550
Contract Number: D365-03-0001
CLIN: 0126
Acceptance Date: 2004-02-09
Ship-to Code: UIC 08527
Commercial Sites
BarCodeNexus
I2BN
UGCN.net
Government Sites
UDCI
webFLIS
Upcoming Capabilities

Future enhancements 2Q CY 05
- Ability to update Item data
  - Current Part Number
- Capability to capture embedded items (e.g., subassembly)
- Capability to identify Government Furnished Property
  - Contract, Contractor, type of property
- Capability to identify Legacy Items
- Capability to capture original Manufacturer and Marking entity
- Capability to capture type of mark
  - Virtual
  - Other unique marks

Initial roll out of new functionality via xml data structure
## Enhanced UID Data

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concatenated UID</td>
<td>Issuing Agency Code, Enterprise Identifier, Original Part Number, Serial Number, Ull Type, Description, Batch/Lot, Current Part Number, Current Part Number Effective Date, Manufacturer Identifier, Parent Concatenated UID</td>
</tr>
<tr>
<td><strong>Contract Info</strong></td>
<td>Contract Number, Prime Contractor Identifier, Acceptance Code, Acceptance Date, Acquisition Cost, CLIN/SLIN/ELIN, Foreign Currency Code, Ship-to Code, Unit of Measure</td>
</tr>
<tr>
<td><strong>Custody</strong></td>
<td>CAGE, Contract Number, DoDAAC, DUNS, Received Date, Sent Date, Status Flag, Category Code (E or M)</td>
</tr>
<tr>
<td><strong>Mark</strong></td>
<td>Contents, Effective Date, AddedOrRemoved, Marker Code, Marker Identifier, Medium, Values in Mark Contents</td>
</tr>
<tr>
<td><strong>Open Items</strong></td>
<td>Custodian or Steward (System), Location UID, Program UID, Item Status, Current Dollar Value of Item, Alias (system unique)</td>
</tr>
</tbody>
</table>
Mark Items with UID Data Elements
Or
Virtual UID Defined

DoD Application → UID XML → Manual Web Entry

Legacy data submission has relaxed business rules for contract info

UID XML → UID Registry

EDI – Electronic Data Interchange
UDF – User Defined Format
Future UID Capabilities

- Reports
- Automated Error Reconciliation
- Electronic query (system to system interaction)
- Alias association
- Item status indicator
More UID Data Submission Info

UID Web Site Data Submission Paper

Send questions or request for test support to info@uniqueid.org
UID Registry/1662 timeline (2005-2006)

2005

- Jul 1: Registry: long term Capable for bulk load

2006

- Nov 15: Registry: all GFP capable by each(s)
- Jan 1: GFP Clause in all new contracts
- Mar 31: First deadline for 1662 reconciliation

2007

- Jul 31: Final Deadline: All contractors must be on-line
- Mar 31: Contractors must complete 1662 no later than Mar 31, 2006
- Data on all GFP must be contained in registry prior to reconciliation

- Small businesses may submit paper 1662
- Delinquent large companies owe 1662