UNIQUE IDENTIFICATION (UID)

UID Registry
Data Submission
May 2005

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

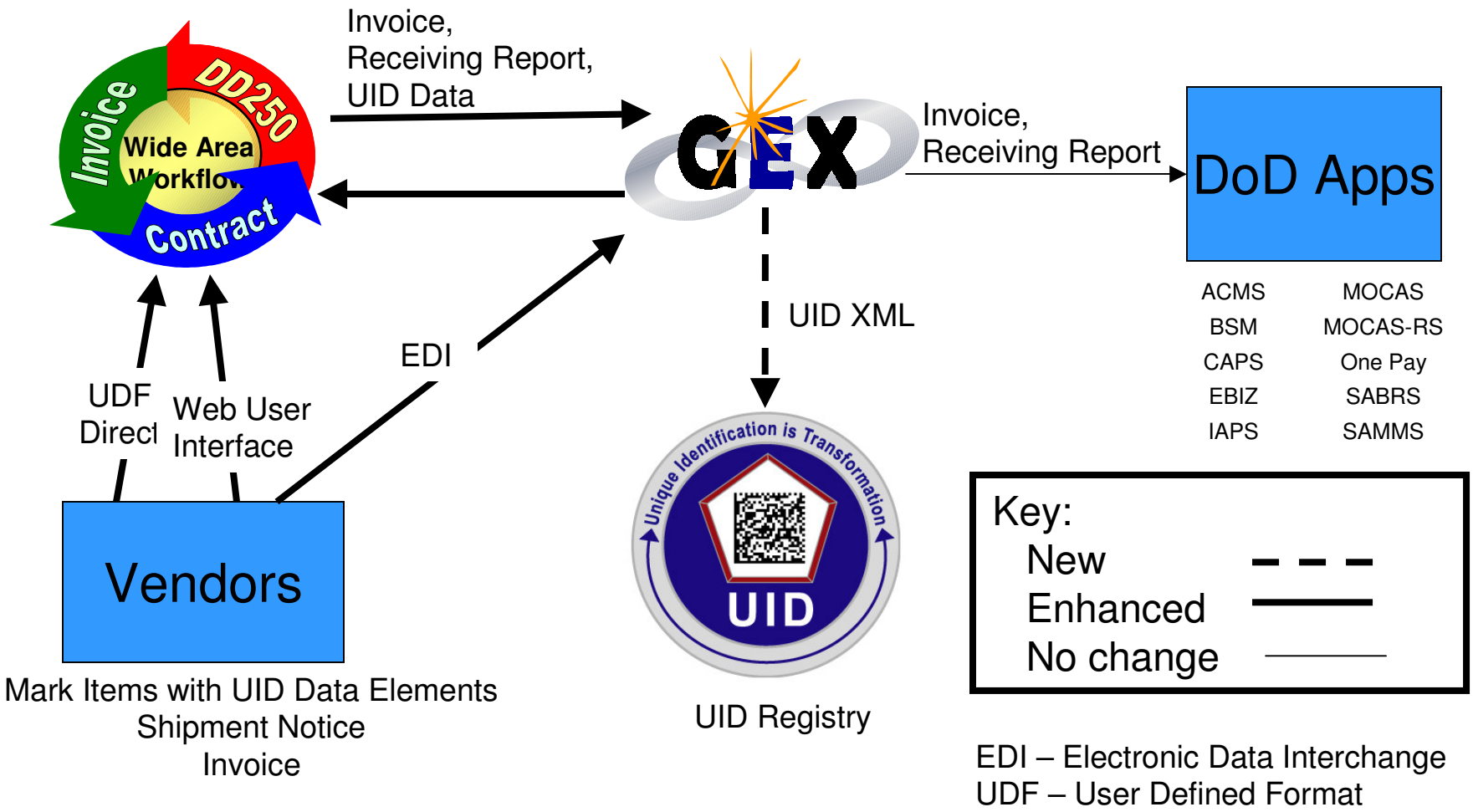
- Implementation Timeline:
  - Concept definition – Oct 03
  - Development and Test – Nov 03 – May 04
  - Initial Operational Capability - May 04
- Current Functionality:
  - UID and Pedigree data capture for new <u>End Items</u>
  - Source data from vendors
    - WAWF Shipment Notification
    - Direct 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



EDI – Electronic Data Interchange
UDF – User Defined Format

WAWF - Acceptance By UID

Wide Area Work Flow Version 3.0.4 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address C:\Documents and Settings\abarrow\Desktop\Inspector.htm Go Norton AntiVirus Links

1-866-618-5988
DSN: 388-7095

UserID: aimeevendor

Home

My Profile Maintenance

Add Additional Role

Password Maintenance

[+]Acceptor

[-]Inspector

Create Receiving Report

Access Inspection Folder

Access History Folder by DoDAAC

Access History Folder by User

Access Inspection Hold Folder

Access Rejected Receiving Reports

[+]Local Processing Office

[+]Pay Official

FTP/EDI Guides & Other Supporting Documents

Software Users Manual

Wide Area Workflow

Header | Line Item | UID | Addresses | Misc. Info

RECEIVING REPORT

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Shipment Number	Invoice Number
AIMEE	1208	ARB07S	ARB07I

Item No	Qty. Shipped	Qty. Accepted *	Accept All	Reject All
0001	3		☐	☐

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	1234567890123456789012345678 90

UID No.	Serial No.	A	R
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678	1234567890123456789012345678 90	○	○

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	1234567890123456789012345678 90

UID No.	Serial No.	A	R
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678	1234567890123456789012345678 90	○	○
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678	1234567890123456789012345678 90	○	○

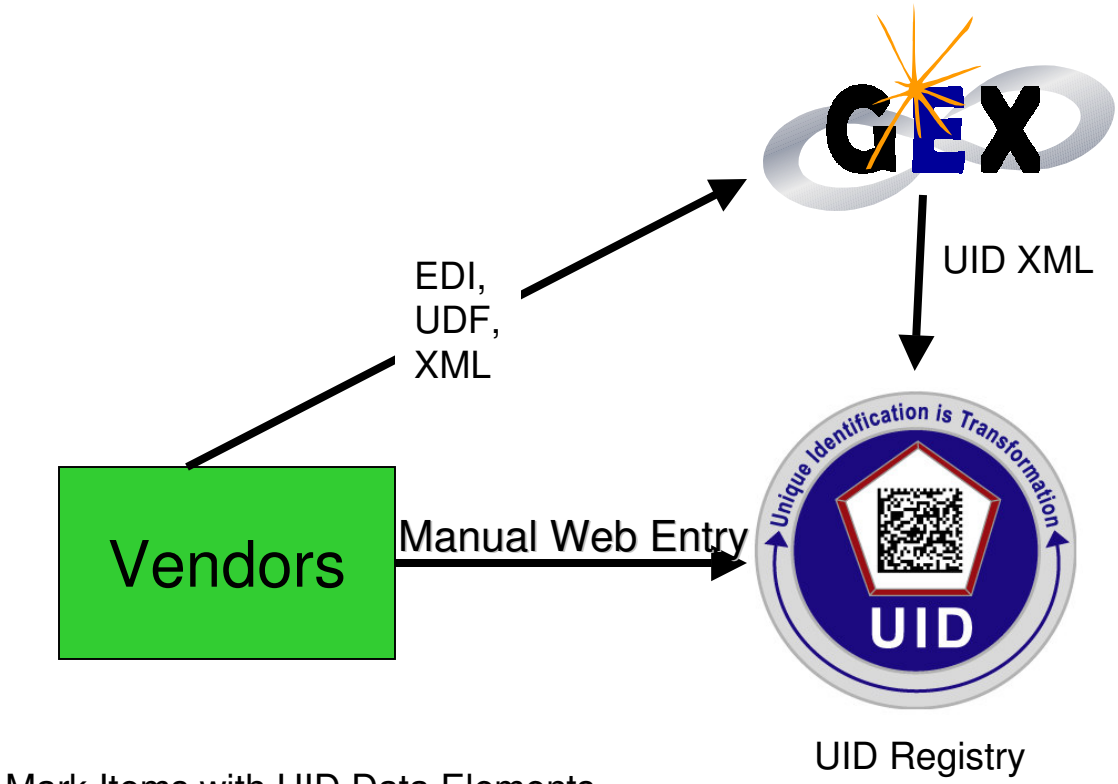
Item No	Qty. Shipped	Qty. Accepted *	Accept All	Reject All
000	4		☐	☐

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	1234567890123456789012345678 90

UID No.	Serial No.	A	R

Done Internet

UID Data Capture – Direct Electronic



Mark Items with UID Data Elements
Shipment Notice

EDI – Electronic Data Interchange
UDF – User Defined Format

UID XML Sample

C:\Documents and Settings\prooney\Local Settings\Temporary Internet Files\OLKD\t-700_Legacy_Sam - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\prooney\Local Settings\Temporary Internet Files\OLKD\t-700_Legacy_Sample.xml


```xml
<?xml version="1.0" encoding="UTF-8" ?>
<!-- LG1:  All data is legacy data residing with the Government.  The Government provides the XML transaction.  -->
- <UidDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="C:\Documents and Settings\Critzju\My Documents\Old-C\UID\Uid_Schema_V3.0.xsd">
  <LegacyOrNewCode>LEGACY</LegacyOrNewCode>
  <Version>3.0</Version>
- <Contact>
    <Email>GEORGE.I.JOUGH@HQDA.ARMY.MIL</Email>
    <Name>GEORGE JOUGH</Name>
    <Organization>DAD015</Organization>
    <Phone>703-778-3665 x2218</Phone>
  </Contact>
- <AddItem>
  - <NewEmbedded>
      <ParentUID>D3GJ7975AB1234162345</ParentUID>
    - <EmbeddedInfo>
        <Description>LANDING GEAR, MAIN, AV-8B</Description>
      - <EmbeddedList>
          <EnterpriseIdentifier>U7387</EnterpriseIdentifier>
          <IssuingAgencyCode>D</IssuingAgencyCode>
          <OriginalPartNumber>75A23456G</OriginalPartNumber>
          <SerialNumber>00012345</SerialNumber>
          <Uid>DU738775A23456G00012345</Uid>
          <UidType>UID2</UidType>
        - <Mark>
            <Contents>PART NUMBER</Contents>
            <EffectiveDate>2001-07-01</EffectiveDate>
            <AddedOrRemovedCode>A</AddedOrRemovedCode>
            <MarkerCode>D</MarkerCode>
            <MarkerIdentifier>U7387</MarkerIdentifier>
            <MediumCode>HUMAN READABLE</MediumCode>
            <Value>75A23456G</Value>
          </Mark>
        - <Mark>
            <Contents>SERIAL NUMBER</Contents>
            <EffectiveDate>2001-07-01</EffectiveDate>
            <AddedOrRemovedCode>A</AddedOrRemovedCode>
            <MarkerCode>D</MarkerCode>
            <MarkerIdentifier>U7387</MarkerIdentifier>
            <MediumCode>HUMAN READABLE</MediumCode>
            <Value>00012345</Value>
          </Mark>
        - <Mark>
            <Contents>UID</Contents>
            <EffectiveDate>2004-12-20</EffectiveDate>
            <AddedOrRemovedCode>A</AddedOrRemovedCode>
            <MarkerCode>D</MarkerCode>
            <MarkerIdentifier>U7387</MarkerIdentifier>
```


Done Internet

Sample X12 856

UID1_Sample_856.x12 - Notepad

File Edit Format View Help

```
ISA^00^          ^00^          ^ZZ^CCOTSLIDELL    ^ZZ^WAWF02         ^990806^1231^U^00200^100000003^0^T^*
GS^SH^JITCSIT^WAWF02^19990806^1615^100000003^T^004010F856_0
ST^856^1005
BSN^00^EAC0001^20010823^095554^^AS
HL^1^^V^1
N1^SE^^33^7F311
PER^IC^MOCAS
N1^C4^^10^S4801A
N1^SF^^33^7F311
N1^PR^^10^HQ0339
N3^DFAS - COLUMBUS CENTER
N3^WEST ENTITLEMENT OPERATIONS
N4^COLUMBUS^OH^432182381
N1^ST^^10^W56HZV
N2^XU NICP ACCT PROP OFF
N3^USA TACOM
N4^WARREN^MI^483975000
N1^BY^^10^N00383
N1^L1^^10^S4801A
N1^Z7^^10^N00383
N2^NAVAL INVENTORY CONTROL POIN
N3^700 ROBBINS AVENUE
N4^PHILADELHIA^PA^191115098
HL^2^1^S^1
PRF^F3460100C0110
TD5^^^^S
REF^TG^2345
DTM^011^20010404
FOB^DF^OR
LM^DF
LQ^7^S
LQ^8^S
HL^3^2^I^1
LIN^1001^FS^5437012013456
SN1^^25^EA
SLN^1^^O^^^500
PID^F^^^^SHIPMENT W/9 CLINS S/S
CLD^1^25^^^EA
REF^SE^W8001290010986A
LM^DF
LQ^14^H
HL^4^3^D^0
SLN^1^^O^1^EA^5000.01^^^KF^UID1^MF^123456789^MG^PN#1000-01^XZ^UN
REF^U3^SN#01^UN123456789SN01^BT:A0012003
REF^U3^SN#02^UN123456789SN02^BT:A0012003
REF^U3^SN#03^UN123456789SN03^BT:A0012003
REF^U3^SN#04^UN123456789SN04^BT:A0012003
REF^U3^SN#05^UN123456789SN05^BT:A0013003
REF^U3^SN#06^UN123456789SN06^BT:A0013003
HL^5^3^D^0
SLN^1^^O^1^EA^5000.01^^^KF^UID1^MF^123456789^MG^PN#1000-02^XZ^UN
REF^U3^SN#07^UN123456789SN07^BT:B001200A
REF^U3^SN#08^UN123456789SN08^BT:B001200A
REF^U3^SN#09^UN123456789SN09^BT:B001200A
REF^U3^SN#10^UN123456789SN10^BT:B001200A
REF^U3^SN#11^UN123456789SN11^BT:B001300A
REF^U3^SN#12^UN123456789SN12^BT:B001300A
HL^6^2^I^1
LIN^4001^FS^5437012013456
SN1^^25^EA
SLN^1^^O^^^500
PID^F^^^^SHIPMENT W/9 CLINS S/S
CLD^1^25^^^EA
REF^SE^W8001290010986V
LM^DF
LQ^14^H
HL^7^6^D^0
SLN^1^^O^1^EA^25000^^^KF^VIN^MF^123456789^XZ^D-U-N-S
REF^U3^^VIN12KDI950400003DKSL101
HL^8^2^I^0
LIN^6001^FS^5437012013456
```

Sample Receiving Report UDF

RR_Base_7digit_DO_For_Curr - Notepad

File Edit Format View Help

```
START*2^
A*JUDYTEST^
B*RR^
1*N0001902C3004^1234567^20040415^^
1A*EUR^
2*CRC1047^20040415^^N^
3*SPL^
4*^^G^
5*^^^^^^
6*81977194^20040415^N^^
7*^^
8*S^S^
9*13499^^
9A*13499^ROCKWELL COLLINS^^400 COLLINS RD NE^^^^CEDAR RAPIDS^IA^52498^US^^^
10*S2401A^
10A*S2401A^DCMA-TWIN CITIES^B.H.WHIPPLE FEDERAL BLDG, STE 1150^ONE FEDERAL DR^^^^FORT SNELLING^MN^55111^US^^^
10B*S2401A^GTR015^
10C*^^^^^^^^^^^^^
11*13499^^S^
11A*13499^Rockwell Collins^^400 Collins Rd. NE^^^^Cedar Rapids^IA^52498^US^^^
12*HQ0339^
12A*HQ0339^DFAS-COLUMBUS CENTER^WEST ENTITLEMENT OPERATIONS^182381^^^^COLUMBUS^OH^43218-2381^US^^^
13*Q99067^^
13A*Q99067^NORTHROP GRUMMAN CORPORATION^MATL OPER SVC CTR^425 NORTH DRIVE^^^^MELBOURNE^FL^32934^US^^^
13B*^^
13C*^^^^^^^^^^^^^
14*^^^
14A*^^^^^^^^^^^^^
14B*E-2C HE2K (CY03)^
14B*ATTN: GEORGE VAN AXEN^
14C*^
15*0211AG^1^N^
16*5975014373107^FS^
16A*MT-7006/ARC AMPLIFIER MOUNT^
16A*Serial No.: TUG00134 , TUG00135 , TUG00136^
16B*^^
16C*^^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXT^10PTXT^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXV^10PTXV^
16D*UID2^D^13499^622-9465-001^^^^^
16E*^
16F*D113499622-9465-00110PTXX^10PTXX^
17*3^H^
18*EA^
19*407.00000^
20*^
20A*^^^^^^^^^^^^^
21*11^
21A*^^^
22*^
23*J SCHECHTMAN **SIGNED IN WAWF**^
23*ED WOOD^
23*Sales Order : 0000960177^
25*N^
26*^
=END=
```

UID Registry Screen

UID Search Government View - Inquiry Results - Microsoft Internet Explorer provided by Northrop Grumman Corporation

File Edit View Favorites Tools Help

Back Search Favorites

Address http://131.87.2.234/uid/Scripts/ResultGovt.asp?UID=25583501-1049-511037C Go Links

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 09527

Commercial Sites

BarCodeNexus
ISBN
UCCNet

Government Sites

UDCI
webFLIS

Internet

2608 Items, 595 Unread

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

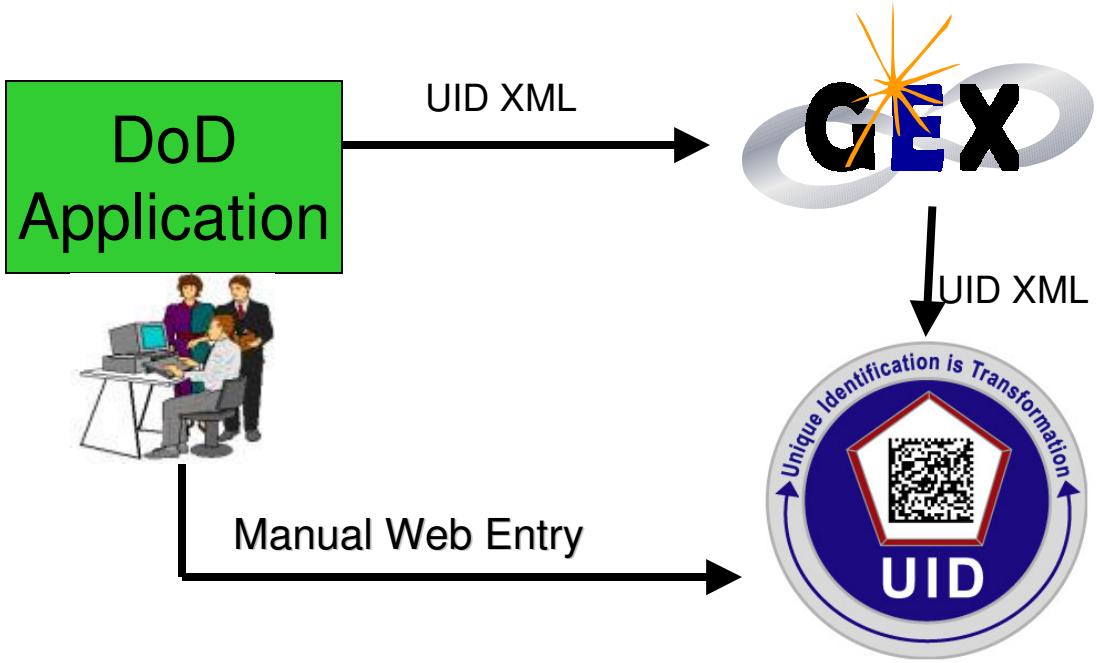
Enhanced UID Data

Concatenated UII
Issuing Agency Code
Enterprise Identifier
Original Part Number
Serial Number
UII Type
Description
Batch/Lot
Current Part Number
Current Part Number Effective Date
Manufacturer Identifier
Parent Concatenated UII
ContractInfo
Contract Number
Prime Contractor Identifier
Acceptance Code
Acceptance Date
Acquisition Cost
CLIN/SLIN/ELIN
Foreign Currency Code
Ship-to Code
Unit of Measure

Custody
CAGE
Contract Number
DoDAAC
DUNS
Received Date
Sent Date
Status Flag
Category Code (E or M)
Mark
Contents
Effective Date
AddedOrRemoved
Marker Code
Marker Identifier
Medium
Values in Mark Contents
Open Items
Custodian or Steward (System)
Location UID
Program UID
Item Status
Current Dollar Value of Item
Alias (system unique)

Legacy Data Submission

Mark Items with UID Data Elements
Or
Virtual UID Defined



Legacy data submission has relaxed business rules for contract info

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

Defense Procurement and Acquisition Policy - Unique Identification (UID), Data Submission - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.acq.osd.mil/dpap/UID/DataSubmission.htm

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Office of the Under Secretary of Defense for Acquisition Technology and Logistics

Defense Procurement and Acquisition Policy

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Unique Identification of Tangible Items
Data Submission Information

1. Who is responsible for submitting UID data?
2. What data is required?
3. When is data required?
4. How do I submit UID data via WAWF?
5. How do I submit UID data in the interim?
6. Can I have the UID portion of a selected file format validated before using it in the production environment?
7. For the direct submission methods, will there be any status files returned that would need to be processed?
8. Who can I contact for more information?

1. Who is responsible for submitting UID data?

After January 1, 2004, requests for proposals (RFPs) will include DFARS clause 252.211-7003, Item Identification and Valuation, and a reference to the most current version of MIL-STD-130. Contracting officers shall include the DFARS clause in all solicitations and contracts that require delivery of items that meet UID criteria. Program managers will identify any other items requiring unique identification. The prime contractor has the responsibility to furnish Unique Item Identifiers (UIIs) or other DoD recognized unique identification equivalents, and to provide the Government's unit acquisition cost of items that are delivered to the Department under a DoD contract. UID data should be submitted with the shipment notification. Back to Top.

2. What data is required?

Data requirements for UID data are based on the DFARS Interim Rule on "Unique Item Identification and Valuation" which was published in the Federal Register on October 10, 2003 (DFARS Case 2003-D081) or subsequent revisions.

In order to capture UID Item Pedigree, the following core UID data elements are required:

- UID Type
- UID

Based on the UID type, one or more of the following elements may be required:

- Issuing Agency Code
- Enterprise Identification Number
- Original Part Number (not required if using UID construct # 1)
- Serial Number

In addition to these elements, the following acquisition data elements are required:

- Contractor CAGE or DUNS number
- Contract Number
- CLIN/SLIN/ELIN
- Item Description
- Foreign Currency
- Unit of Measure
- Acquisition Cost

Internet

UID Registry/1662 timeline (2005-2006)

2005 | 2006 | 2007

Jul 1	Nov 15	Jan 1	Mar 31	Jul 31	Mar 31
Registry: long term Capable for bulk load	Registry: all GFP capable by each(s)	GFP Clause in all new contracts	First deadline for 1662 reconciliation	**FOC GFP**	Final Deadline: All contractors must be on-line

- 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