

2005 REQUIREMENTS SYMPOSIUM

AFMC



Unique Identification (UID) & Serial Number Tracking (SNT)

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Chief, Supply Division**



Overview



- Program Description / Background
- UID / SNT Anticipated Benefits
- Program Challenges
- UID POCs/Web Sites
- Summary



Program Description



- UID...Unique Identification is the ability to physically distinguish one item from another even though the items may be exact copies of each other.
- SNT...Serial Number Tracking is the cradle to grave supply chain event tracking and data capture method to provide Serialized Item Management (SIM).



UID BACKGROUND



- **Definition:**

- 2-Dimensional discreet item identifier (like a SSN) for tangible items
 - Items having value of greater than or equal to \$5K
 - **Or, less than \$5K, IF**
 - Serially managed, or
 - Inventory controlled, or
 - Determined by the Program Manager
- Unfunded mandate and part of the DoD Elog21 transformation effort



UID BACKGROUND (Cont'd)



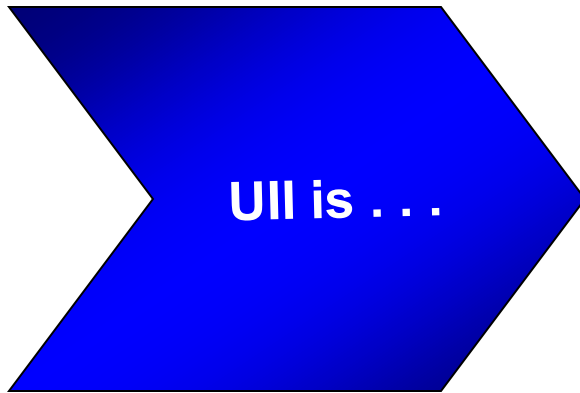
- **Reason for UID:**
 - To comply with the recent Federal Accounting Standards Board requirement
 - To improve accountability, reliability and tracking of AF material by FY07



Unique Item Identifier (UII)



- The Two Dimensional Data Matrix Mark



... the **set of data for tangible assets** that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multi-faceted business applications and users.

EID	(12V)194532636
Orig. Part No.	(1P)1234
Serial No.	(S)786950

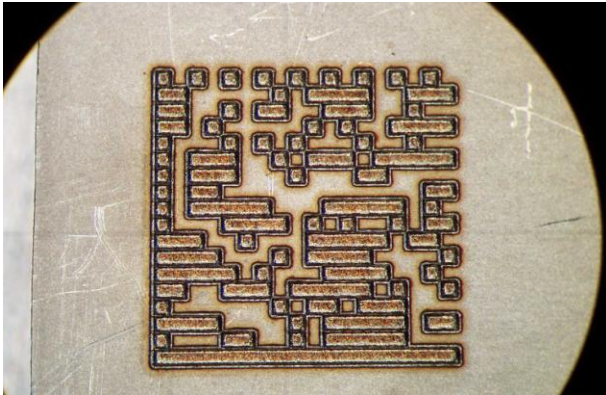




Direct Part Marking Examples



» Common approaches



Laser



Dot Peen



Ink Jet



Electro
Chemi
Etch



OSD Requirements & Policies



- DFARS 252.211- 7003 Item Identification and Valuation
- Governing Specification, MIL-STD-130L (M)
- OSD Memorandums:
 - 29 Jul 03, place DFARS clause on **new solicitations** beginning 1 Jan 04, > \$5K
 - 17 Dec 03, extended policy to include **depot manufactured item** beginning 1 Jan 05
 - 3 Sep 04, updated previous policy, further defined requirements and addressed Automated Information Systems (AIS)



OSD Requirements & Policies (Cont'd)



- OSD Memorandums (Cont'd):
 - 23 Dec 04: addressed **legacy assets** and UID Program Plans.
 - 12 May 05: updated UID to Item Unique Identification (IUID) and addressed property in possession of contractors (PIPC)
- Other Significant UID dates:
 - Jan 06: Program Implementation Plans due to Milestone Decision Authority
 - Oct 06: Final Operating Capability (FOC) for Legacy items
 - FY2010 : OSD goal for completion of legacy item marking



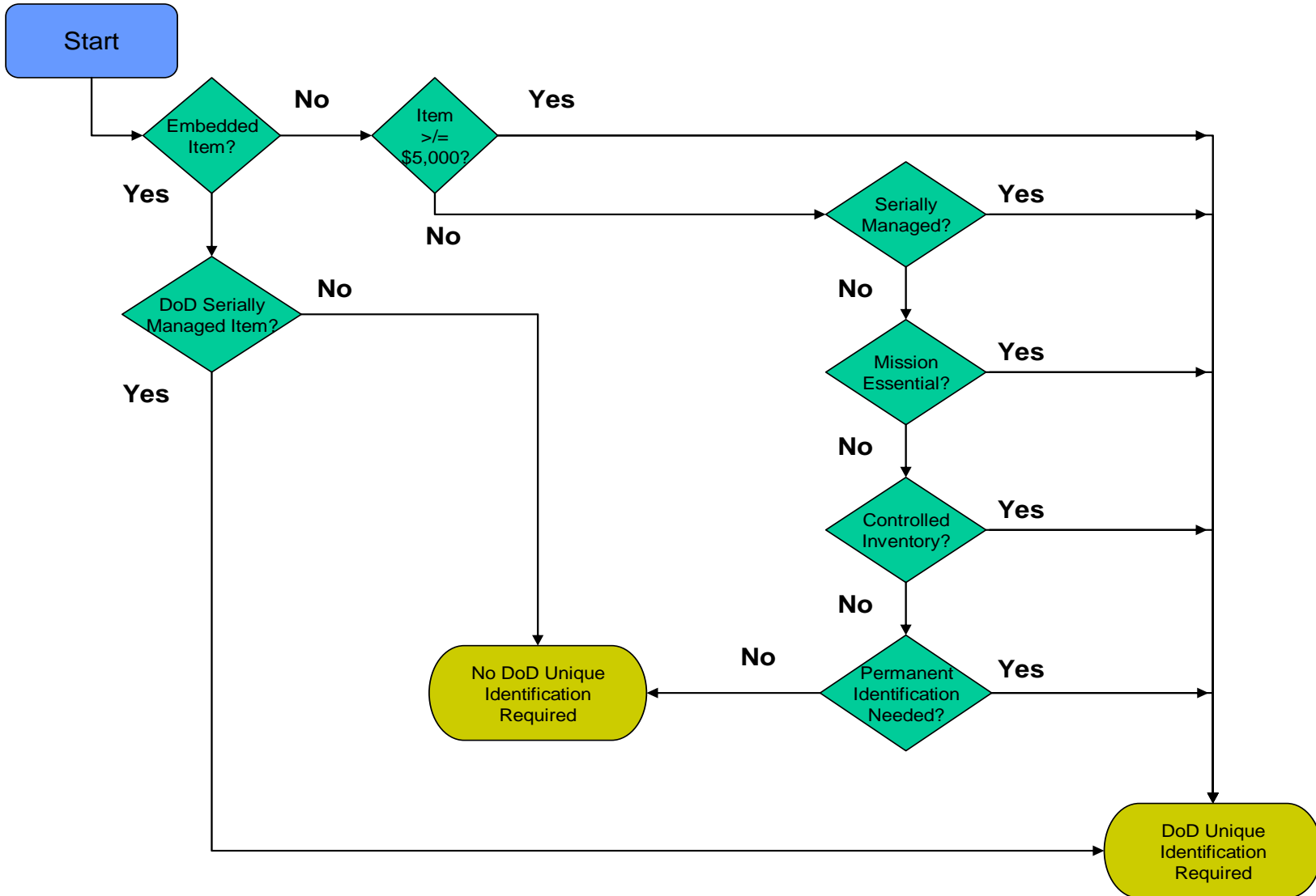
WR-ALC Activities



- The Center UID IPT established to:
 - Ensure compliance with the latest USD (AT&L) policy
 - Lead the ALC effort in developing a Center-wide UID Implementation Plan
- OSD directed PEOs to develop Program Implementation Plans and submit them to Milestone Decision Authority by Jan 06
- 31 May 05 - Received Pathfinder UID part marking cart
 - Capability for data plate/labels and direct part marking
 - Trained/Certified 49 maintenance personnel
 - Additional equipment requirements / purchase will be identified through workload projection



UID Decision Tree





SNT BACKGROUND



- **Serial Number Tracking:**
 - Uses information systems to capture UID data
 - Not mandated
 - AFMC included \$17M in FY06 for IT System solution
 - Part of the Elog21 Transformation effort



UID / SNT

Anticipated Benefits



- **Acquisition/Engineering**
 - Warranty Management
 - Configuration Management
 - High Dollar
 - Time Critical Item Management
- **Supply**
 - Inventory Accuracy
 - Total Asset Visibility
- **Transportation**
 - Intransit Visibility
 - Track Transportation



UID / SNT



Anticipated Benefits (Cont'd)

- **Maintenance**
 - Cost Control
 - Repair History
 - Bad Actor Identification
 - QDR Tracking
- **Disposal and Reutilization**
 - Hazardous Materials/Precious Metals Tracking
 - Prevent Inappropriate Re-entry of Parts
- **Financial**
 - Asset Financial History Tracking
 - Asset Valuation



Program Challenges



- **UID is an Unfunded Mandatory OSD Requirement**
- **Many vendors not ready to implement UID policy**
- **Current Part Marking Equipment has limited marking capability**
- **Modification of Engineering Drawings and Tech Orders must be accomplished prior to marking assets**



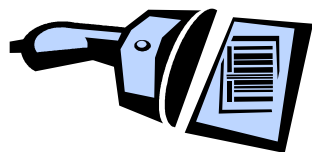
Government UID Focal Points



- **UID/UII Program** - Mr. Robert Leibrandt at (703) 695-1099 or robert.leibrandt@osd.mil
- **DCMA UID Lead** - Ms Joan Sherwood at (703) 428-0982 or joan.sherwood@dcma.mil
- **WR-ALC POCs**
 - PK OCR - Mr Henry Goswick (478) 222-1093 or henry.goswick@robins.af.mil
 - 542 CSW – Mr. Joe DeCapite (478) 926-0036 or joseph.decapite@robins.af.mil
 - 542 CSW – Mr. Henry Tyson (478) 926-5625 or henry.tyson@robins.af.mil



UID WEB SITES



Commercial: <http://www.acq.osd.mil/dpap/UID>

Government: uidprogramtraining@dau.mil





Summary



- Unique Identification (UID) is an OSD mandate
- Serial Number Tracking (SNT) is the goal/benefit
- Center incorporating UID requirements into new contract buys for items over \$5K since Jan 04
- Legacy asset marking began in Jul 05
- Need industry awareness of UID requirements, benefits and utilization

