Top 4 DoD UID Compliance Issues… Solved!

1) What is Unique Identification, and do I have to comply?

Answer: Item Unique Identification - Improved Accounting & Valuation of Items for the DoD

The U.S. Department of Defense (DoD) launched Unique Identification (UID) to improve the management of personal property, real property, personnel, and roles. Item Unique Identification (IUID), which is part of the UID program, focuses on DoD's personal property. IUID is a mandatory DoD requirement on all solicitations issued on or after January 1, 2004.[1]

Qualifying items are marked with a permanent 2-D Data Matrix that is encoded with the Unique Item Identifier (UII). The UII is made up of unique data elements to distinguish an item from all others. The 2-D Data Matrix is marked on items according to MIL-STD-130N. The UII is then stored in the IUID Registry.[2]

Storing the UII in the IUID Registry allows easy access to information about the DoD's possessions. Other benefits include:
- Item Visibility
- Access to Data throughout an Item's Life
- Improved Inventory Management[3]

2) What Items Require Item Unique Identification?

Answer: If you are a subcontractor for the DoD, or if you manufacture equipment for the DoD, you may be wondering if Item Unique Identification applies to you.

If your contract has a clause that refers to DFARS 252.211-7003, Item Identification and Valuation, then yes - you need to comply with UID, according to MIL-STD-130N.

DFARS clause 252.211-7003, Item Identification and Valuation (JUN 2005) provides definitions for what items need IUID markings.

According to DFARS 252.211-7003, solicitations, contracts, or delivery orders for tangible items delivered to the Government require IUID or a DoD recognized unique identification equivalent for:
- "All delivered items for which the Government's unit acquisition cost is $5,000 or more."
- "Items for which Government's unit acquisition cost is less than $5,000, when the requiring activity determines that permanent identification is required."
- ""Regardless of value-
  - Any DoD serially managed subassembly, component, or part embedded within a delivered item; and
  - The parent item (as defined in 252.211-7003 (a)) that contains the embedded subassembly, component, or part."[4]

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1   "Item Unique Identification 101 The Basics", January 2006, http://www.acq.osd.mil/dpap/UID/attachments/iuid-101-20060130.pdf
2   Defense Procurement and Acquisition Policy, "About Unique Identification," 9 November 2007, http://www.acq.osd.mil/dpap/pdi/uid/about.html
3   Defense Procurement and Acquisition Policy, "About Unique Identification," 9 November 2007, <http://www.acq.osd.mil/dpap/pdi/uid/about.html
4   "Item Unique Identification, The Basics", May 2010.

3) How do I comply?

Answer: Labeling. While there are strict regulations on the format of the UID mark, the DoD does not give specific requirements for the method in which the mark is applied.

The UID mark can be applied in a variety of techniques. The most common UID marking approaches include:
- UID Direct Part Marking: Inkjet printers, chemical etching, dot peening, laser bonding, laser etching.
- UID Data Plates: Plastic and metal
- UID Thermal Transfer Labels: Polyester and metal foil

There are many instances where UID marking can be accomplished with a label.

In comparison to chemical etching, dot peen or laser markings, identification through the use of thermal transfer labels is an effective, low-cost option.

Brady DoD UID System Suggested Materials

According to MIL-STD-130N, UID identification is to be as permanent as the life of the item being identified.19 Brady offers a variety of label materials that offer outstanding performance in any environment. Suggested materials are listed below.

Brady B-489 Matte White Polyester Thermal Transfer Printable Label Stock
- Ultra Aggressive Adhesive
- Recommended Ribbon: R4300 Series

Part Number	Dimensions (inch)	Ribbon/IP Ribbon
THT-59-489-10	1.00" W x 0.500" H	R4306/IP-R4306
THT-17-489-3	2.00" W x 1.00" H	R4302/IP-R4302
THT-19-489-1	3.00" W x 2.00" H	R4300/IP-R4300

*other sizes available

Brady B-457 Glossy White Thermal Transfer Printable Polyimide Label Stock
- Great for printed circuit board and electronic component preprocess labeling
- Recommended Ribbon: R6000 Series

Part Number	Dimensions (inch)	Ribbon/IP Ribbon
THT-13-457-10	1.250" W x 0.250" H	R6002/IP-R6002
THT-48-457-10	2.00" W x 0.250" H	R6000/IP-R6000
THT-59-457-10	1.00" W x 0.500" H	R6006/IP-R6006

*other sizes available

Brady B-483 Glossy White Thermal Transfer Printable Label Stock
- Ultra aggressive adhesive
- Recommended Ribbon: R6000 Series or R4900 Series

Part Number	Dimensions (inch)	Ribbon/IP Ribbon
THT-59-483-10	1.00" W x 0.500" H	R4306/IP-R4306
THT-17-483-3	2.00" W x 1.00" H	R6000/IP-R6000
THT-19-483-1	3.00" W x 2.00" H	R6002/IP-R6002

*other sizes available

Brady B-593 Polyester Raised Panel Thermal Transfer Printable Label Stock
- Ultra aggressive adhesive
- Cost-effective alternative to engraved legend plates
- Recommended Ribbon: R6000 Series or R4400 Series

Part Number	Dimensions (inch)	Ribbon/IP Ribbon
THTEP-173-593-.5	2.00" W x 1.00" H	
THTEP-176-593-.5	3.00" W x 1.00" H	
THTEP-174-593-.5	4.00" W x 1.00" H	

*other sizes available

Brady B-966B Clear Polyester Overlaminate
- For that extra abrasion and solvent resistance

Other materials are available for UII labeling. View Brady's DoD UID label materials offering here. Please contact Brady at 1-888-272-3946 or www.BradyID.com to find the label material to meet your UID labeling needs.

4) How do I get started?

Answer: A Brady DoD UID system – Includes onsite set-up and training!

To make it simple, Brady has created a variety of Brady DoD UID System packages, that provide users with the ability to:

- Create and print labels for UID compliance
- Read and validate UII constructs on labels
- Verify and grade UID labels.

Brady DoD UID System - Ultimate
Catalog #: BP-UID-6X-CR3-SV

- Bradyprinter™ PR Plus 600 dpi Printer
- Brady360® Preferred 3-Year Comprehensive Care Plan
- CodeSoft™9 Enterprise RFID Software
- Code Reader 3500™ with Bluetooth, Bluetooth Modem and Charging Cradle
- Microscan LDP Compliance Verifier
- Brady DoD UID System On-Site Training – Two Days

Brady DoD UID System - Advanced
Catalog #: BP-UID-6IP-CR3-SV

- Brady IP™ 600 dpi Thermal Transfer Printer
- Brady360® Preferred 3-Year Comprehensive Care Plan
- CodeSoft™9 Enterprise RFID Software
- Code Reader 3500™ with Bluetooth, Bluetooth Modem and Charging Cradle
- Miscroscan LDP compliance Verifier
- Brady DoD UID System On-Site Training – Two Days

Brady DoD UID System - Standard
Catalog #: BP-UID-3IP-CR12 (300 dpi printer)
          BP-UID-6IP-CR12 (600 dpi printer)

- Brady IP™ Thermal Transfer Printer
- Brady360® Preferred 3-Year Comprehensive Care Plan
- CodeSoft™9 Enterprise RFID Software
- Code Reader 1200™ with 6" USB Cable
- Brady DoD UID System On-Site Training – Two Days

Brady DoD UID System - Verifier
Catalog #: BP-UID-SV

- Microscan LDP Compliance Verifier
- Brady DoD UID System On-Site Training- One Day

USA
1-888-272-3946
www.BradyID.com

Canada
1-800-263-6179
www.BradyCanada.ca

Mexico
1-800-262-7777
www.BradyLatinAmerica.com

For more information about UID compliance and Brady's DoD UID system, visit:
www.BradyID.com/UID.

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