

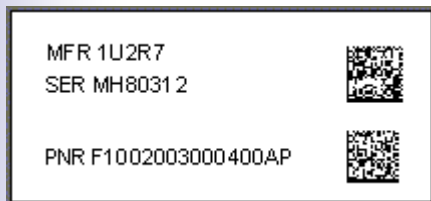
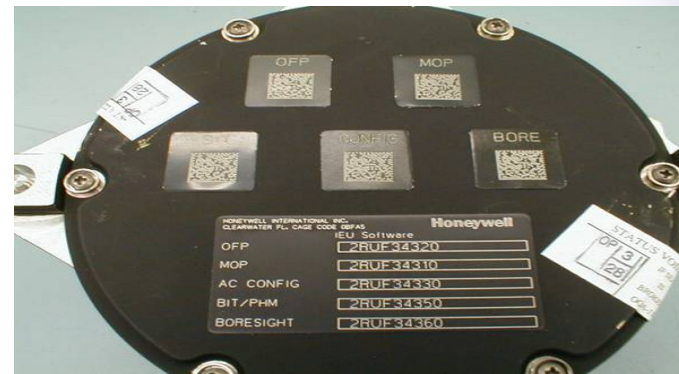


# Department of Defense Unique Identification of Items (UID)

## *What is UID?*

Unique Identification (UID) is a system of distinguishing one object from another, allowing DoD to track identical objects separately.

UID of items requires that qualifying items have a data matrix inscribed either directly on the item or on a permanent machine-readable label affixed to the item.



The data matrix contains a set of data elements that can be concatenated to form a Unique Item Identifier (UUI). The UUI identifies an individual item distinctly from all other items that DoD buys and owns.

This information allows DoD to associate valuable business intelligence with an item throughout its life-cycle, thereby providing accurate information for tracking and valuation of items.





# Department of Defense

## Unique Identification of Items (UID)

### *What comprises a UID?*



In today's world, many items we buy have identification on them that indicate the manufacturer or distributor of the product and the product type (e.g., 12oz can of Coca-Cola Classic).



Two identical cans of Coke from the same bottling plant will show the same data on the Universal Product Code (UPC).



Some items also have a serial number that differentiates one item from another identical item (e.g., the 24<sup>th</sup> engine off the assembly line is different from the 1024<sup>th</sup>).

Serial numbers are unique, but not outside of their enterprise – the serial number assigned by XYZ Manufacturer could be the same as one assigned by ABC Company.



By combining enterprise identification, item class and serialization, a globally unique item identifier is created that differentiates every item from other items.

Each item has its own globally unique identifier (UID).



# Department of Defense

## Unique Identification of Items (UID)

### *Why use UID?*

**UID lowers the cost of item management** as a result of being able to consistently capture the value of items purchased, control items during their use, and combat counterfeiting of parts.

**UID improves item availability** and reduces frustrated freight as a result of an increased availability of data, more efficient item management, and increased asset visibility.

**UID increases asset visibility and traceability** by capitalizing on evolving best commercial practices.

**UID helps achieve clean audit opinions** on the Property, Plant, and Equipment and Operating Materials and Supplies Portions of DoD Financial Statements.

**UID improves long term inventory management and strategic purchasing** as a result of more accurate and available data.





# Department of Defense Unique Identification of Items (UID)

## *What will UID provide?*

- Comprehensive, timely data about each uniquely identified item throughout the supply chain
  - Generation, collection and analysis of maintenance data
  - End-to-end tracking and traceability of unique items
  - Reliability and maintainability information on each item throughout its life cycle
- Improved supply chain efficiency
  - Administrative cost reduction
  - Reduced stock levels
  - Simplicity, standardization, speed and certainty in automated data capture and electronic information exchange
- Integrated transportation and movement of individually identified items
- Leveraged commercial technologies and practices



# Department of Defense Unique Identification of Items (UID)

## *What items need a UID?*

**UID Is Required For All Property Items Delivered To The Government When Any One Or More Of The Following Are True:**

- Acquisition Cost is More than \$5,000
- Item is DoD Serially Managed, Mission Essential, or Controlled Inventory Piece of Equipment or Reparable;
- Item is a Consumable Item or Material Requiring Permanent Identification
- Item is A Component Of A Delivered Item and PM Requires UID UID or DoD-recognized Equivalent is Available



# Department of Defense Unique Identification of Items (UID)

## *Who is affected by UID?*

Contractors

Military Program Managers and Acquisition Officers

DoD Acquisition Officers

Depot Managers

UID is mandatory on all new acquisitions meeting the above requirements beginning January 1, 2004. UID is also mandatory on all legacy items, and all Government Furnished Property (GFP) must be marked by January 1, 2006.



*UID will be a cornerstone of DoD Business Transformation.*

- Michael W. Wynne, Under Secretary of Defense (AT&L), 2005