



**UID*COMPLY!
UC!WEB™**

A2B Tracking Simplifies IUID Compliance for
**LEGACY ITEMS, END ITEM DELIVERABLES AND
GOVERNMENT FURNISHED PROPERTY BY:**

- Performing web-based IUID lifecycle data management for all aspects of IUID compliance.
- Enabling seamless integration for all types of printing and marking needs including direct part marking, etching, printing, scanning, and electronic reporting for a total IUID compliance solution.
- Scanning and interpreting proper IUID labels, marks, and tags that meet MIL STD 130 and ISO validation. All DoD standards, formats, and constructs are covered.
- Transmitting IUID lifecycle data to WAWF and IUID Registry using the latest schema and transmission methods.
- Allowing for easy deployment anywhere in the world with no software requirements beyond a web-browser.
- Eliminating the need for IT support by leveraging A2B's Software as a Service (SaaS) deployment model.
- Enabling access within highly secure environments such as NMCI.



GSA

Contract Holder
Contract GS-02F-0227R

WHAT IS IUID?

The Department of Defense (DoD) wants to keep track of all of its assets during the entire life cycle of each part or item. To accomplish this, the DoD has instituted the IUID mandate. The IUID is a totally unique identifier containing data elements which are encoded into Data Matrix bar codes that are applied to every qualifying government item. Items that require the IUID include new procurement of end item deliverables, government furnished property in possession of contractors (PIPC), as well as legacy items. By having each item properly marked and scanned, the DoD hopes to achieve continuous reporting via their Wide Area Workflow (WAWF) system and their IUID Registry.

The thinking is better tracking means better management which leads to greater accountability and eventual cost savings.

SO WHAT'S THE CHALLENGE?

HOW IUID IMPACTS MANUFACTURING AND QUALITY MANAGERS

The standards chosen by the DoD are challenging unless you're familiar with advanced bar code label formats and syntax. Understanding these new standards can be bewildering, time-consuming and expensive.

Let's start with the acceptable IUID standards, formats and constructs. The label or mark applied to each end item or piece of property must meet all MIL STD 130 formatting specifics with regard to minimum content, optimum layout, bar code density and quiet zones. The bar code label must also meet ISO standards for syntax and formatting with all appropriate message formatting, within the message envelope, including the message header, compliance indicator, format trailers, separators and terminators.

CREATING THE MARK GETS MORE CHALLENGING.

Since the bar code mark that is created must be maintained as a readable bar code throughout the entire life of the item, strong consideration must be given to the marking methodology. While a durable polyester label with a permanent adhesive may work in many environments, the need for direct part marking such as laser etch, dot peen, chemical etch, or ink jet is very real. The IUID policy requires that a 2D Data Matrix bar code that is applied with either direct part marking techniques or tags and labels, must also prove to be generated to a level of quality that meets the standards set by ISO and SAE.

POPULATING THE IUID REGISTRY.

Since the information systems all feed a common IUID Registry, the IUID data elements must be clear and unambiguous. The DoD has allowed the choice of two data constructs on a marked item in a mandatory Data Matrix bar code. The data from these constructs must then be transferred to the IUID Registry and the WAWF along with it's acquisition data and other key data elements. Add to this the requirement for a verification process to show the DCMA a consistent reproducible approach to creating IUIDs, managing IUIDs, and electronically submitting IUIDs to the IUID Registry and WAWF.

YOU MAY BE FACED WITH THE SAME CHALLENGES.

THE A2B SOLUTION: SMARTER SYSTEMS. EASIER COMPLIANCE.

A2B Tracking Solutions has developed UC! Web™ to mark, print and read all IUID compliant constructs and formats, store the information and report on government items under contract or in inventory. Whether a polyester label, an aluminum tag, or a direct dot peen, UC! Web™ logs each event performed to create a precise audit trail.



Whether you're looking to solve just one of the six IUID requirements or to handle all six, A2B Tracking Solutions has a personalized solution for your unique needs.

**UC! Web™
The Complete IUID Lifecycle
Management System**



UC! Web™ will work to:

- Create UII from pedigree data using unique serialization strategies, a data import, or input individually.
- Create durable IUID compliant labels using Construct #1 or Construct #2 and print according to the appropriate syntax.
- Scan to validate and interpret IUID labels, marks and tags.
- Manage embedded relationships.
- Using the registry API to check if IUID already exists within the IUID Registry.
- Capture 3rd party IUID and pedigree data
- Generate an audit trail and verification process to meet DFAR requirements.
- Integrate pedigree data to and from ERP or legacy systems.

The Danby Group offers data collection hardware and systems, integrating barcode, IUID, and RFID technologies for manufacturing. Established in 1982, it was one of the first reseller/distribution channels for Zebra Technologies International, selling data capture systems and equipment to a variety of manufacturers and government entities/contractors, including the United States Marine Corps, IBM, Motorola, and Honeywell. The Danby Group is a woman-owned enterprise headquartered in Atlanta, Georgia.



The Danby Group
3060-A Business Park Drive
Norcross, GA 30071
HQ: 800.262.2629
770.416.9844
Fax: 770.416.9845

www.danbygroup.com

CAGE Code: 1NUT2