

Standard Procedures For Achieving UID Compliance

Unique Identification (UID)

UID or Unique Identification is a standard mandated by the Department of Defense (DoD). According to the DoD, all assets and personal property including assets in the possession of the contractors must be marked with a unique serialized identification number in accordance with MIL STD 130. Whether it is a legacy or newly requisitioned government property in possession of contractors (PIPC), UID compliance applies equally to every qualifying government item with an objective of placing 100 percent of property and deliverables in the new UID Registry for lifecycle management. The DoD aims at achieving continuous reporting via their Wide Area Workflow system and their IUID Registry through proper marking and scanning of each of such items. Hence, it is imperative for all the products and services be designed in a way so that they meet the UID compliance standards.

Steps Required For UID Compliance

The following are the steps and procedures that must be completed by the PIPC and legacy items:

Print & Mark

According to the MIL STD 130, all the qualifying end time deliverables, government furnished PIPC, and legacy items must be marked with a machine readable 2D Data Matrix Bar Code. Moreover, such bar code must meet the printing or marking specifications irrespective of your choice to use a direct part mark technology (laser etch, ink jet, dot peen, or chemical etch) or a durable polyester label.

Verify

As per the standard specifications of ISO 15415 and SAE AS9132, all 2D Data Matrix bar codes must meet their verification standards for mark quality. As a norm, the metrics for measuring the quality of 2D Data Matrix bar codes are chosen on the basis of the bar code generating process such as printing or direct part marking.

Validation

Some ISO 15434 standards should be met by all 2D Data Matrix bar codes. Usually, these standards are set for formatting and syntax such as identifiers, message header, non-printable characters and the like.

Scan & Receive

Although this step is not mandatory, it is, however, regarded highly essential for seamless performance. It is a standard norm of UID Guide v1.5 to ensure that all qualifying items with UIDs should be scanned and tracked before they are taken into custody. Besides, the UID and acquisition data is essential for submission to the UID Registry.

Track Item & Location

As an essential procedure of UID Compliance, all qualifying items must conform to the UID Guide v1.5 and internal business best practice norms. They should be tracked to a particular location by their UID marks to ascertain the accuracy in reporting. Again, this step is not a mandatory for achieving UID Compliance.

Register

As per the standard procedure of UID Compliance, MIL STD 130 necessitates the submission of the UID data to the UID Registry and WAWF. Whether the UID data is submitted through the WAWF and UID Registry websites, what is more important is that it must be in the correct electronic format.

About the Author

ID Integration, Inc. (IDI) is an independent systems integrator that help you create an integrated system of marking, verification, scanning, and database interface tools. Our specialty is [UID compliance](#) with your unique application to the proper marking technology and [UID data construction](#).

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