

# Camcode UID Marking System

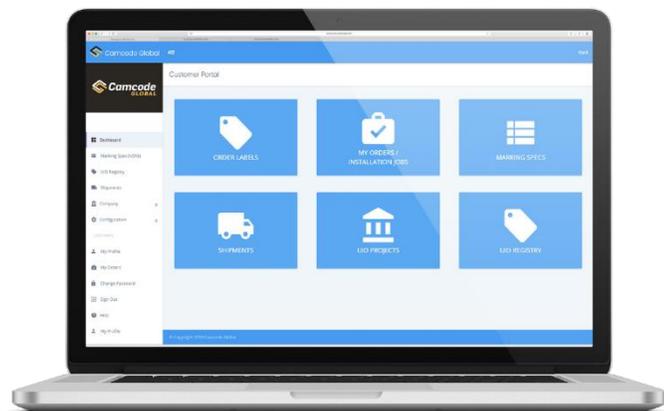
Camcode is a key supplier to the US DOD, the UK MOD and the Australian ADF for UID related services and UID labels. Through our experience we have developed our Nation State UID system which is currently in use in the UK and Australia. This system is built using our ISO 9001 service process and best practices from managing a nation state UID implementation process.

Our system is designed to be more than just a UID production and data management system. It is designed to also manage all the UID implementation logistics issues and control all aspects of what can be marked, what data is used to mark the asset and control what substrate is used to mark it.

## Create } Mark } Verify } Manage } Transmit

It controls all aspects of a UID program from Engineering Marking Specifications, to data submittal, UID production and UID Label kitting and UID installation. From raw data supplied by units, Camcode generates the unique UUI, the two-dimensional matrix code, the label for printing and kitting, the platform for installation and audit of any data issues and the migration tools to submit data to the future ERP system.

The system will also work with Defence Contractors submitting data. This will allow contractors to order labels against agreed marking specifications, create new marking specifications with the project team and order labels for them. If the contractor has their own marking system, then the system will submit a data file to them for production or can integrate directly to bartender for local production.



## Camcode's UID system accesses our proprietary kitting solution:

- } Reduces the UID project implementation timeline
- } Reduces the personnel resources required to complete a project
- } Streamlines the label installation process and efficiency
- } Now available within our UID platform

Clients were coming to Camcode looking for ways to simplify and speed up the label installation process, so it had less disruption on their daily activities, while also keeping the installation project costs in check.



Camcode's solution was to develop a production method to package our UID labels to the client's installation requirements, which also created the lowest cost and most efficient installation possible. We began to organize UID labels by customer-defined criteria such as NSN, sub-unit location or both. This proved highly beneficial for our defense clients as their installations became smoother and they could achieve faster, more accurate label installations with less resources. Along with the organized label packaging, Camcode can include detailed marking instructions for each NSN. This ensures consistency of the installation process and consistency of the label location for scanning and data capture in the field.

Today, this process is used to manage label production and installation for a variety of asset types at numerous locations for our clients. In the defence market, this process is used to package labels by location, by NATO Stock Number (NSN), by vehicle or system, and in serial number order. This process is now available to our clients in our UID system which streamlines installation of projects minimizes the disruption to unit staff.

## Camcode UID Marking System Key Features:

- } Web-based application utilizing a SQL database
- } Built to support nation state legacy marking projects with a myriad of different users in different locations
- } Builds in HQ control layers for what can be marked and how it is to be marked and what data elements should be used to mark the asset
- } Validation system for uniqueness, regex rules for serial validation and users can't order UID labels for unapproved assets thus controlling costs
- } All orders are places directly in the system saving on the administration of emailing excel files of data between multiple users for approval.
- } Allows users to access Camcode's proprietary kitting system which eases installation by over 75% at bases
- } Built in Engineering System to give a history of all label and data changes made to the marking process
- } HQ Approval process for all unit orders
- } Labels orders can be sent to Camcode for production or to any local printer through bartender
- } Supports multiple user permissions models and user permission levels can easily be tailored to your requirements
- } Supports many data input approaches (manual and automated)
- } The system supports offline data reconciliation and offline label installation as not all locations have Wi-Fi or cell service; the system syncs once the user has online access
- } Generates the UID and guarantees uniqueness
- } Supports multiple user environments on a single instance
- } Each user community accesses its own label template library
- } Creates a UID production audit trail and manages UID data requirements
- } Query capability for pending and marked UIDs
- } Hardware agnostic - prints to most marking devices and interfaces with the major verification/validation systems
- } Enables the entire process without modification of legacy systems
- } Data housed in the system can be easily transmitted to any future ERP system where UID will be used for asset management.
- } Camcode can gang orders from multiple unit locations to gain cost savings in the order production process

