

CodSP-100-UAE

***The National Codification Bureau of the
United Arab Emirates***

May 2025



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SUMMARY

The United Arab Emirates **National Codification Bureau** known as the **UAE NCB** is one of the sub units under the **Executive Directorate For Enabling Organizations / Infrastructure and Logistics Organization** within the **Ministry of Defense, UAE**. The main role of the UAE NCB is to establish a uniform and common system for identification, classification and stock numbering of Items of Supply of user nations. It is designed to achieve maximum effectiveness in logistics support and

to facilitate material data management. Further, UAE NCB acts as the sole agency for all codification matters for both the National Military and industrial organization and companies with in the **United Arab Emirates**. The System has been agreed by all signatories of the Alliance and sponsored non-NATO countries for use in identifying equipment and supplies.

Benefits:

- Helps to provide a common Supply language for National and International logistics Operations
- Enables Interoperability and joint logistics support between National and Multinational Forces
- Reduces Procurement cost for all the replacement parts and materials
- Avoids duplication and helps to hold less stocks in its Defense Inventory
- It enables the solution of supply management problems by providing data users with ready access to a single up-to-date source.



Mission:

To provide a uniform NATO Codification System that serves as a global reference standard for material identification, and represents a key enabler in support of NATO and multinational interoperability, and aims at harmonizing logistic systems.

To Provide codification and liaison services to UAE activities for items produced by AC/135 Partner Nations and to the AC/135 Partner Nations on items produced with in the UAE



Vision:

“To ensure that military personnel deployed in an operational scenario can be assured of getting the right items to successfully complete their mission. In the process, we strive to achieve the highest levels of the codification expertise and capability between the National and the Global Codification Partnership of Nations.”



KEY Roles and Responsibilities

- Provides services or products to internal customers, foreign agencies, defense forces and industry who use the NATO codification system world wide
- UAE NCB acts as the representative of the NATO Organization that oversees the management of the NATO codification System, and with the international codification bureaus.

- It is governed by NATO Allied Committee 135 (AC/135), for controlling and issuing its own unique NATO Stock Numbers
- Performs the Codification of all materials, equipment, companies, factories and bodies in the inventory of logistics systems at the national level of UAE.
- Develops the policies and legislation to regulate codification at the national level to insure its conformity with the NATO system.
- Responsible to grant the national identity certificates (NCAGE) to companies and organizations and publishing their data on the international codification system.
- Build and preserve the National Archives of Symbols (National Codification Catalog).
- Provides training, subscriptions and the possibilities of linking to the national and international archives for companies, bodies and units.
- Also Performs Data Cleansing and Codification of all items in the UAE Defense inventory
- Operation of the MC CATALOGUE codification tool and interfaces to UAE Logistics Systems
- SCAGE record cleansing/update and upgrade to NCAGE
- Preparation and implementation of UAE Codification Contract Clause
- Conducts Training on the Codification of items using the Industry leading Software MC Catalogue.
- Issues Codifier Certificates upon successful completion of the Training
- Conducts Codification awareness Training for UAE Armed Forces and Industry

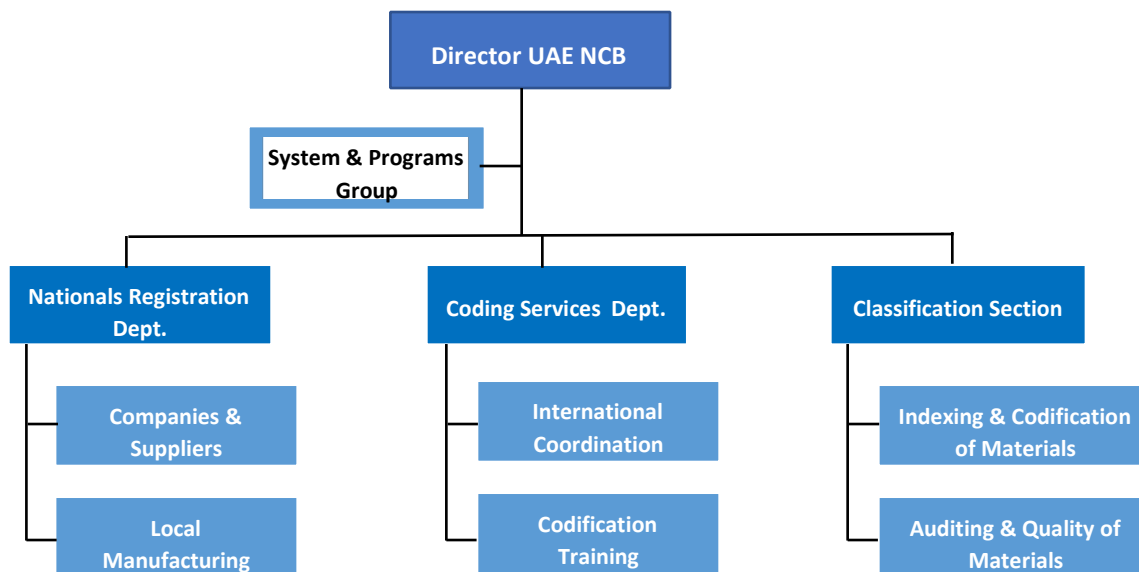


ABOUT US

The UAE NCB has been established in the **year 2016 under the UAE Armed Forces** and at the official ceremony on the **2nd of March 2017** the historically first UAE NSN has been created and the international data exchange with other countries has been commenced.

The UAE NCB is currently operating as one of the sub units under the **Executive Directorate For Enabling Organizations / Infrastructure and Logistics Organization** within the **Ministry of Defense (MOD)**. The NCB is based in Abu Dhabi and located in the main Directorate of Logistics Center Building. The UAE NCB has now extended its support to **TAWASUN a TRUST** International Group, a defense trading specialist and major supplier to the UAE Armed Forces and security establishments, responsible for procurement and maintenance of Items of Supply for the Armed Forces. The UAE NCB comprises a diverse staff of Emirati military and civilian officers currently structured as follows.

UAE NCB Organization Chart



MC Catalogue

MC CATALOGUE is a strong and powerful codification tool, which is constantly evolving and innovating to meet user needs and adopt the latest world-wide technologies. The UAE NCB is using the MC CATALOGUE for codification of its assets. The user interface is intuitive and more user friendly and the whole system can be operated through the web interface from any place in the world.

1. The MC CATALOGUE System is developed by **AURA**, the CZECH Republic software firm, which provides key information systems for Defense Strategic missions and for the complex support of military logistics. The system is using the latest and innovative technologies which include Eclipse, Ajax, JSP, JSF (Java Server Faces), JDBC, XML, Spring Framework, JPA ORM (Object Relational Mapping) frameworks, JMS (Java Message Service). PKI (Public Key Infrastructure) and CAS (Central Authentication Service).
2. The subject MC Catalogue system is integrated with the other ERP Systems **TADBEER** and **AADMIS** which are the main logistics Information Systems used in the UAE Armed Forces.
3. The Logistics System Users can search, via the interfaces, in NMCRL and TIR, and send codification requests, on all materiel, directly from their standard working environment to MC Catalogue, where UAE NCB codifiers process the requests and send the codification data directly to TADBEER/AADMIS systems.

SEGMENTS USED BY THE UAE NCB

Item Identification Data is stored in **MC Catalogue** under the following segments

- Segment A – Identification Data
- Segment B – MOE Rule Data
- Segment C - Reference Data
- Segment V – Characteristics Data

The codification database does not contain management data – this is held in the UAE logistics management systems

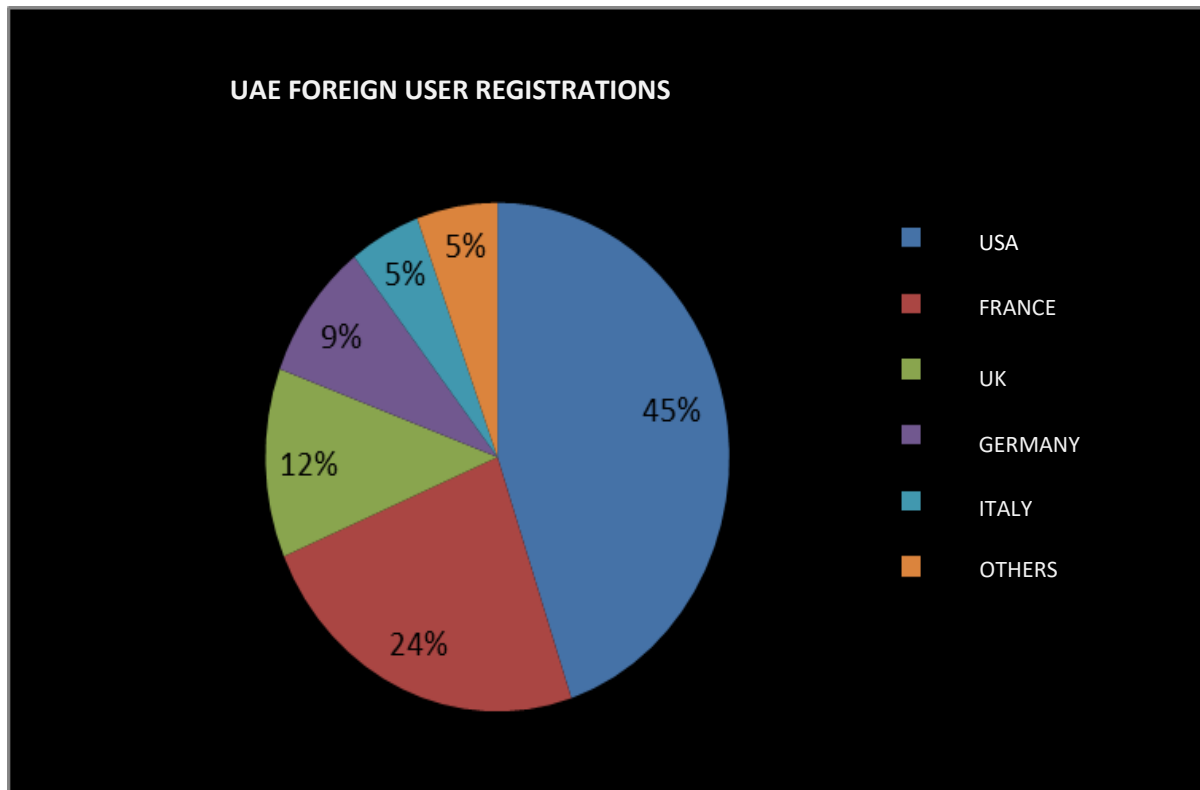
BI-LATERAL AGREEMENTS

The UAE NCB also has signed Bi-Lateral Agreements, for the exchange of codification data, with USA, France, Denmark, Germany and Italy



UAE NCB Material Master Database

1. MC CATALOGUE holds the materiel master database for the UAE Armed Forces contain about 500,000 to 600,000 items (TIR). Most of the current inventory has been sourced from overseas but the proportion of UAE NSNs will grow as UAE Defence Industries increasingly develop their capabilities and presence in shipbuilding, armored vehicle construction, electronics, and support sectors.
2. There are more than 477,000 Foreign User registrations are recorded and the country wise breakup details are shown in the following Pie Chart



Conclusion:

At the last but not the least, UAE NCB is fully committed to provide the best codification services for complex military logistics support and administering NATO standards which save time and money. In the process, the UAE NCB has already started and upgraded and migrated its codification system to the rapidly growing On premise Cloud Infrastructure.