

***CodSP-100-BGR***  
***The National Codification Bureau***  
***of the Republic of Bulgaria***  
***January 2023***



## **THE NATIONAL CODIFICATION BUREAU OF THE REPUBLIC OF BULGARIA**

### **1. OVERVIEW:**

The establishment of a NATO compliant National Codification System has been a priority goal for the Bulgarian National Codification Bureau, since it founded.

The work with the international codification community started in 1998 by signing a Memorandum of Understanding in the field of logistics, between Republic of Bulgaria and NAMSA (NSPA nowadays) and with signing a Sponsorship Agreement with AC/135 in 1999 for affiliation to the NATO Codification System. Within the next few years, we signed Memorandum of Understanding for furnishing codification data and services with six NATO member countries, and by means of the NAMSA BASELOG Program, we signed a Bilateral Agreement with France for provisioning of the Codification Tool ADAGIO, codification services and training. The result of our joint efforts was the assignment of the first Bulgarian NATO Stock Number on September 2001.

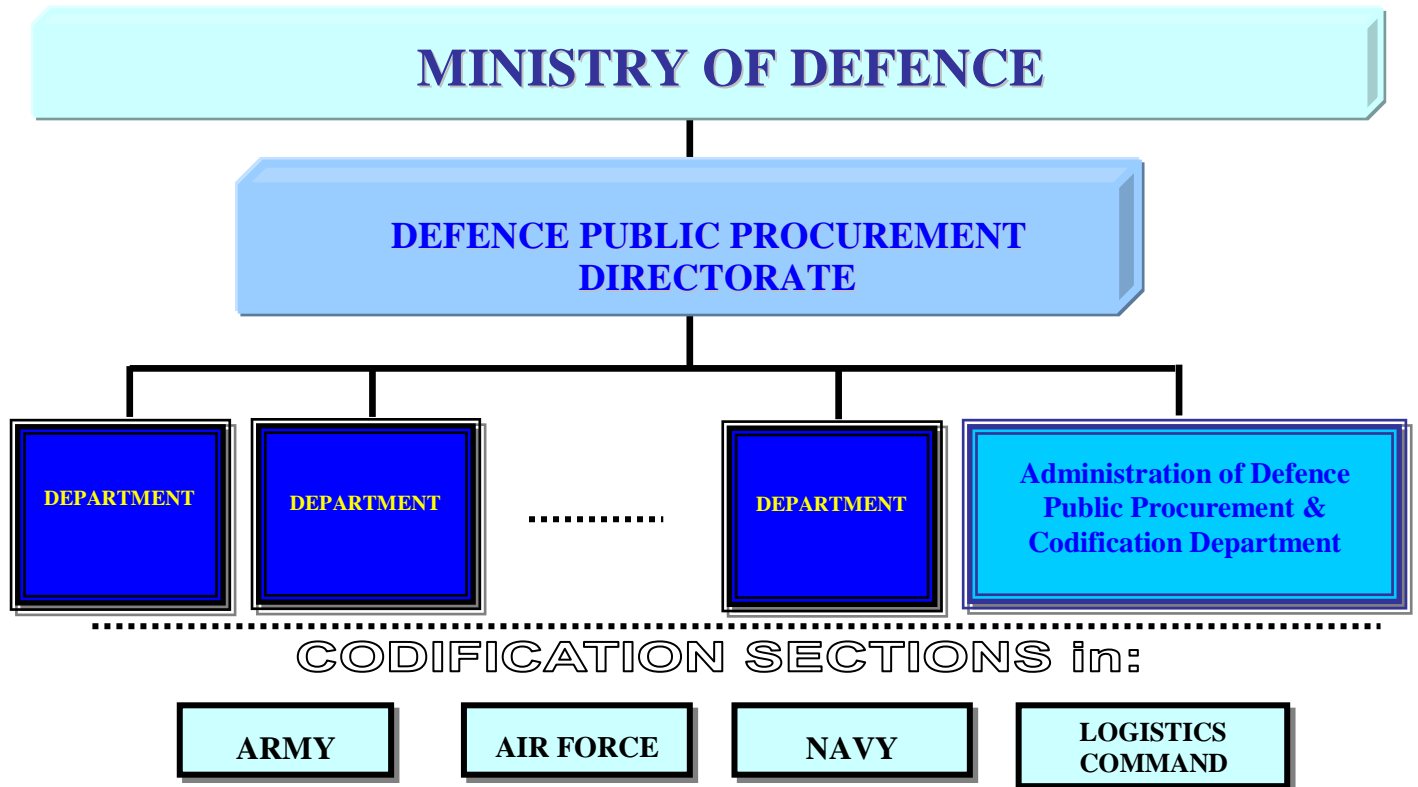
Within the national activities, we shall emphasize some very important keystones on our way towards the goal of interoperability in the field of codification and logistic support with NATO members as follows:

- The National Codification Bureau established in January 1999, within the Ministry of Defence by means of a Decree of the Council of Ministers of the Republic of Bulgaria.
- The legislative regulations on the codification of defence-related materiel implemented in 2003. It was done, again by means of a Decree of the Council of Ministers and by an order of the Minister of Defence, , and codification sections were established within the services, the logistics authorities of the General Staff and the Ministry of Defence for the purpose of identification and codification of the items of supply.
- At the end of 2003, a contract signed between the Ministry of Defence and Armed Forces of the Republic of Bulgaria and a Bulgarian software company TechnoLogica Ltd. for the development of a National Codification Tool BULCOD. Within the successfully finalized five stages of the contract, the software was tested, installed and implemented in operation.

### **2. AIM:**

- To establish and implement the NATO codification policy in the Republic of Bulgaria.
- To identify and codify items of supply in service with the Armed Forces of the Republic of Bulgaria, NATO members and sponsored countries.
- To maintain a Total Item Record (TIR) with identification data for each codified item of supply.

### 3. ORGANISATION:



The National Codification Bureau of the Republic of Bulgaria is within the “Administration of Defense Public Procurement and Codification” department of the “Defence Public Procurement” Directorate of the Bulgarian Ministry of Defence.

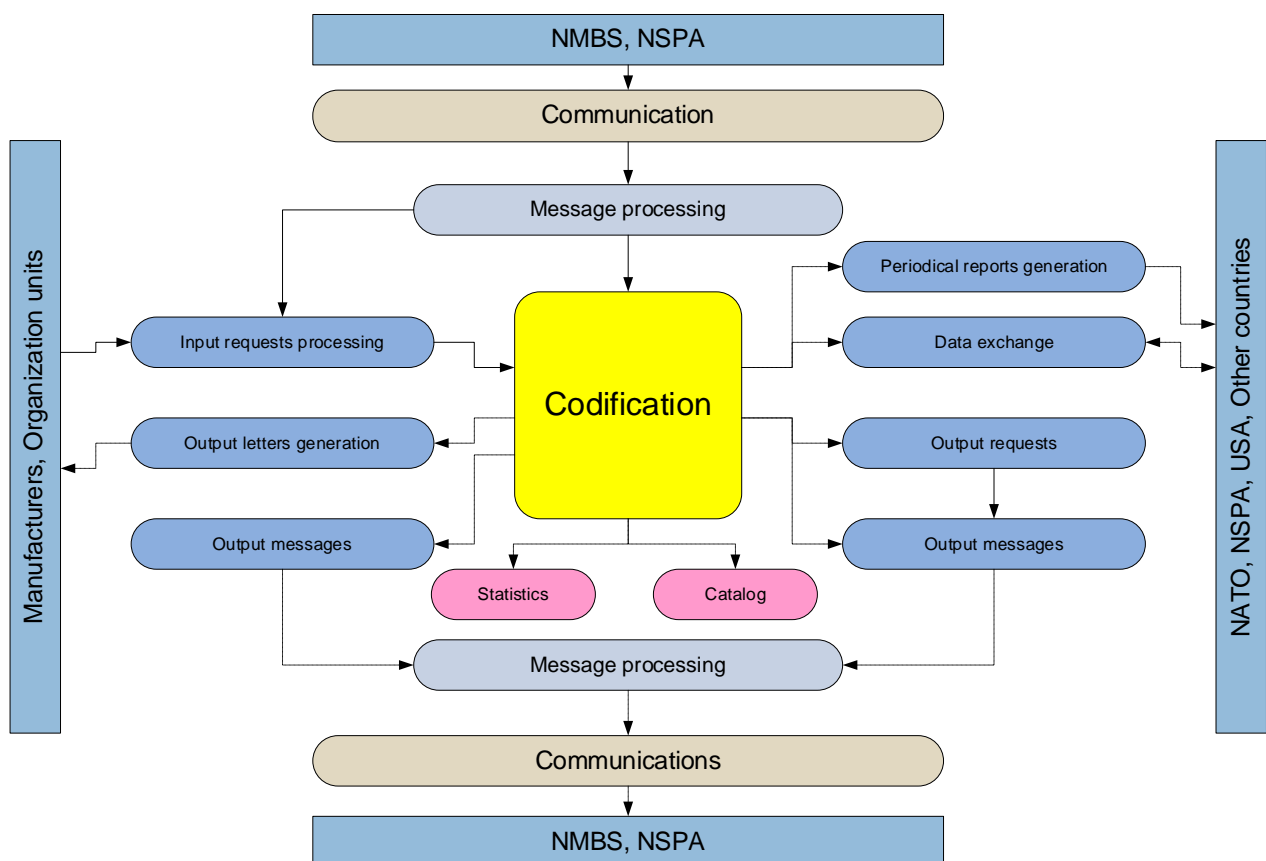
### HISTORY:

- 1999 Signed Sponsorship Agreement with the AC/135;
- 2000 Signed BASELOG Agreement with the AC/135;
- 2001 Signed Agreement for Implementation of the French Codification Tool ADAGIO within Bulgarian MoD & Armed Forces;
- 2004 Established a connection to the NATO Automated Business System (NABS);
- 2004 Implementation of data exchange via NATO Mailbox System (NMBS);
- 2004 Development of the Bulgarian National Codification Tool BULCOD;
- 2005 Implementation of BULCOD within BGR MoD & BAF;
- 2007 Signed Bilateral Agreement with FYROM MoD regarding BULCOD;
- 2011 Signed Bilateral Agreement with Serbian MoD regarding BULCOD;

- 2011 Signed Bilateral Agreement with Montenegrin MoD regarding BULCOD;
- 2012 Signed Bilateral Agreement with Albanian MoD regarding BULCOD;
- 2016 Signed Bilateral Agreement with Ukrainian MoD regarding BULCOD;
- 2022 Migration to the XML format for data exchange. January 2022 BULCOD new version had already been installed in BULCOD users countries in order to internationally exchange data in XML format instead of NADEX as established by NATO Data Exchange Redesign project. A complete overhaul of the codification tool took place to simplify processes and make BULCOD more user-friendly.

## 4. THE BULGARIAN NATIONAL CODIFICATION TOOL

### 4.1. ARCHITECTURE



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The Bulgarian Codification Tool “BULCOD” is a modern Web Application built using Microsoft.NET technology and based on Oracle DB. The Bulgarian software company *TechnoLogica Ltd.* developed, tested and implemented “BULCOD”

#### **4.2. CHARACTERISTICS**

- Fully compliant with the requirements of the NATO Codification System;
  - ✓ Description of items of supply in compliance with the NATO Codification System and assignment of NATO Stock Numbers both by Reference and Descriptive methods;
  - ✓ US NCB DB2 Tables Support;
  - ✓ NMBS API interface.
- Unlimited number of users, working on-line;
- Operational system:
  - ◆ Database Server – Win 2012 Server (can be any operating system supported by Oracle);
  - ◆ Application Server - Win 2012 Server;
  - ◆ Clients Workstations – Browser
- The Data base is centralized by Oracle RDBMS;

The system functions in Intranet and Internet environment by using MS Internet Information Server.

#### **5. RATIFIED STANDARDISATION AGREEMENTS:**

Ministry of Defence of the Republic of Bulgaria has adopted and ratified the following STANAGS:

- 3150 Uniform System of Supply Classification
- 3151 Uniform System of Item Identification
- 4177 Uniform System of Data Acquisition
- 4438 Uniform System of Dissemination of Data Associated with NATO Stock Numbers
- 4199 Uniform System of Exchange of Materiel Management Data