



Malaysian Armed Forces
Cataloguing Authority

PENGUASA KATALOG
ANGKATAN TENTERA MALAYSIA

NATIONAL CODIFICATION BUREAU OF MALAYSIA (NCB 34)

SEPTEMBER 2025

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Malaysian Armed Forces Cataloguing Authority

About Us

The Malaysian National Codification Bureau (NCB 34), also known as the **Malaysian Armed Forces Cataloguing Authority (MAFCA)**, operates under the **Ministry of Defence (MINDEF)**. Headquartered in Kuala Lumpur, MAFCA is the national authority responsible for assigning **NATO Stock Numbers (NSNs)** to the Malaysian Armed Forces, government ministries, agencies, and local industries.

Vision & Mission

Vision

- To establish and implement a standardized cataloguing system for government and industries.

Mission

- To develop a unified supplier language based on the **NATO Codification System (NCS)**.

What We Do

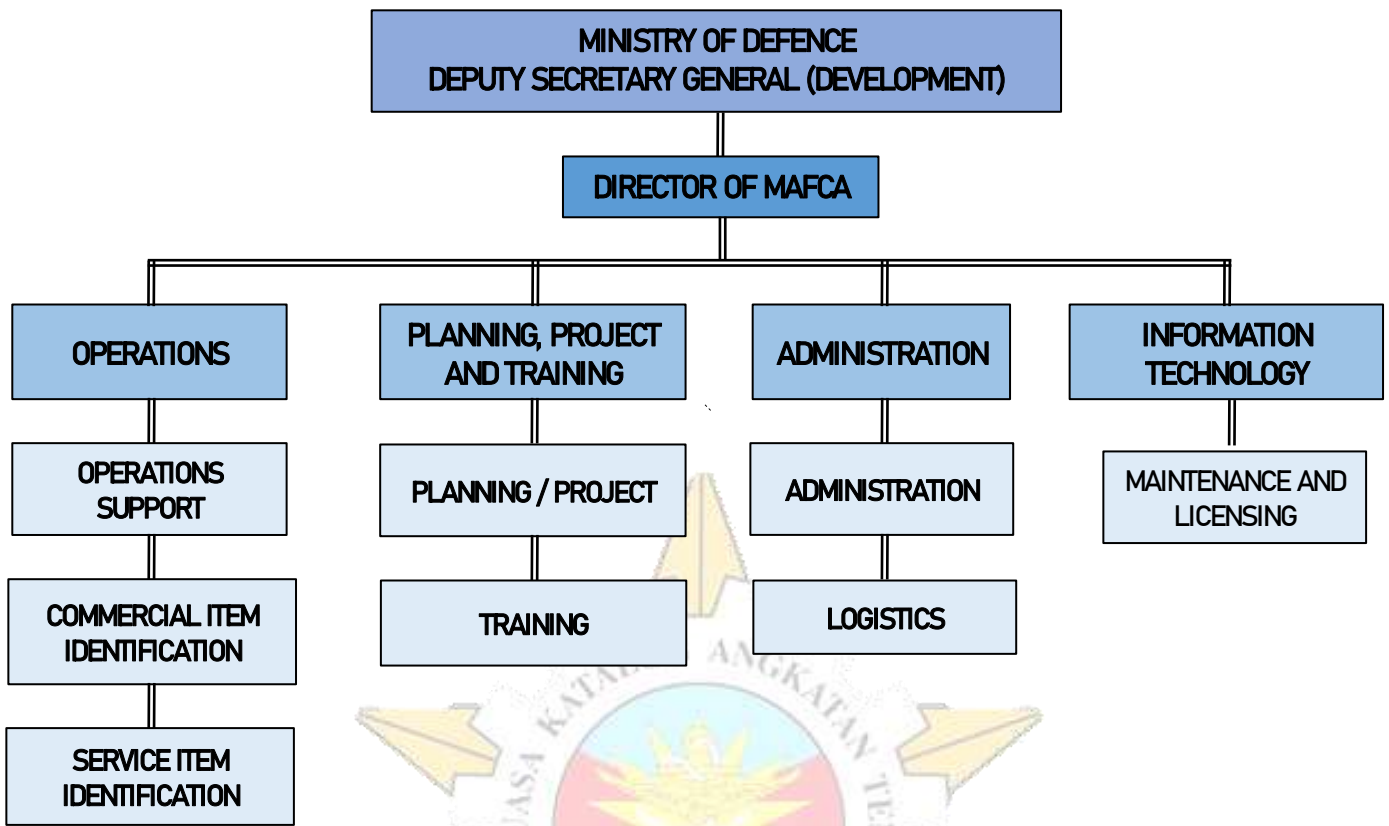
Core Functions

- Ensure compliance with NATO Codification System (NCS) standards and methodology.
- Maintain high-quality codified data for defence and industry logisticians.
- Conduct codification courses and training programs.
- Represent Malaysia in the international community of National Codification Bureaux (NCBs).
- Coordinate and manage cataloguing and data exchange with NCS member nations.

Our Capabilities

- Assign NATO Stock Numbers (NSNs) for the Malaysian Defence Inventory.
- Serve as a one-stop centre for cataloguing and data services.
- Enforce the Contract Codification Clause (CCC) in supply contracts.
- Verify, validate, and endorse NSN-related services.
- Support procurement teams with specifications and standards.
- Promote Malaysian defence and non-defence products internationally.
- Certify NSNs for first-time defence assets and inventory.
- Provide codification training for Malaysian and international personnel.

Organization



History

The Malaysian Armed Forces Cataloguing Authority (MAFCA), also known as Penguasa Katalog ATM, was established on **7 April 1981** to implement the NATO Codification System (NCS). It officially began operations in **June 1981**, and on **23 February 1983** the Government formally authorized Malaysia's participation in the NCS, enabling catalogue data exchange with other member nations.


Key Milestones:

- ✿ **Before 1980** – Each Armed Forces service (Army, Navy, Air Force) had its own cataloguing system with unique part numbers.
- ✿ **1981** – MINDEF directed the use of a common system; MAFCA established to implement NCS.
- ✿ **1982** – Introduction of the first codification system, **MAFCAS**, operated on IBM mainframe.
- ✿ **1983** – Malaysia officially certified to join the NATO Codification System.
- ✿ **1997** – Malaysia placed under **NCS Tier 1** with the introduction of the two-tier structure.
- ✿ **2006** – Second-generation system, **eSKN**, implemented in June.
- ✿ **2009** – UK sponsored Malaysia to be **Tier 2** status.
- ✿ **2010** – Adoption of **NCORE** by ESG, a fully compliant Tier 2 codification system.

Bilateral Cooperation

Malaysia actively engages in **bilateral agreements** with partner nations to strengthen codification collaboration, knowledge sharing, and interoperability under the NATO Codification System.

BILATERAL AGREEMENT

AUSTRALIA	1983	 
UNITED KINGDOM	1983	
GERMAN	1984	
UNITED STATES	1984	
PERANCIS	1984	
KOREA SELATAN	1985	
PORTUGAL	1987	
BELGIUM	1988	
ITALI	1990	
SEpanyol	1997	
POLAND	2006	
INDONESIA	2006	

Training Programs

MAFCA delivers structured training to build expertise in codification.

1. Introduction to NATO Codification System

- Duration: 3 days (6 sessions annually)
- Participants: Armed Forces, government logisticians, ASEAN NCBs
- Languages: English & Malay
- Key Topics: History of NCS, NCAGE, NSNs, NMCRL Screening, Eyeballing

2. Advanced Indoctrination (Other Ranks)

- Duration: 2 weeks
- Participants: Armed Forces, government logisticians
- Languages: English & Malay
- Subjects: NSN creation, codification tools, N-CORE NG, NCAGE, NMCRL, Contract Codification Clause, 4-step codification, LNC & LSA

3. Advanced Management (Officers)

- Duration: 2 weeks
- Participants: Armed Forces, government logisticians
- Languages: English & Malay
- Focus: Management-level codification practices with practical on-the-job training
- Subjects: Same as above, with additional focus on managerial perspectives.

Our Codification System

MAFCA operates **N-CORE Version 1.8.7.2**, developed by HENSOLDT (formerly ESG).

- Fully compliant with **ACodP-1** (NATO Codification Manual)
- Runs on **Oracle 19C Enterprise Edition**
- Core modules include:
 - **TIR** – Total Item Record
 - **NCAGE** – Registration & maintenance
 - **Codification** – Full suite of tools & processes
 - **Information** – Database search
 - **Administration** – User & system management
 - **Database Segments** – Covering item ID, references, standards, characteristics & lifecycle data

Our Services

- Assignment of NATO Stock Numbers (NSNs)
- NCAGE registration & maintenance
- Codification consultancy & advisory
- Training & capacity building
- International data exchange with NCS member nations

01

NATO COMMERCIAL AND GOVERNMENT AGENCY (NCAGE)

NCAGE registration for local companies and government agencies, namely:

- Manufacturer (Code E)
- Supplier (Code F)
- Service Provider (Code G)
- MAF/Government Agency (Code H)



02

NATO STOCK NUMBER (NSN)

Codifying and cataloging local products into quality NSNs using the NCS



WE TRULY BENEFITS..



**ECONOMIC
ADVANTAGES**



**BUY AND SELL
DEFENCE
EQUIPMENT**



**INTERNATIONAL
PARTNERSHIP**



**OPERATIONAL
ADVANTAGES**



**ASSET
MANAGEMENT**



**ACCESS TO MORE
THAN MILLIONS OF
STOCKS & VENDORS
(NMCRL)**

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