

# THE NETHERLANDS MINISTRY OF DEFENCE UID EXPERIENCE



## Apache 64-E

### Project Summary

With the introduction of the new Apache AH-64E weapon system, a meticulous process was required to ensure that each aircraft had a 100% accurate inventory of parts, identified by Manufacturer Part Numbers (MPN) and NCage codes, as well as serial numbers. This precision was essential to ensure the correct configuration of the new Apache AH-64E within the SAP system, facilitating comprehensive configuration management.

The Apache Project team encountered a challenge related to data accuracy stemming from the previous Apache AH-64D system, where part and serial numbers were inaccurately recorded in the SAP system. To address this issue and achieve a clean and accurate data configuration in SAP for the Apache AH-64E, a partnership was formed with Camcode Global.

Camcode Global was entrusted with the task of rectifying this situation and verifying the original equipment manufacturer (OEM) marks on 17,000 assets, encompassing 500 different MPNs, during the upgrade of the Apache from the Delta variant to the Echo variant (Apache AH-64E). This task was vital to ensure the integrity of the Apache's assets and data.



Camcode Global executed its Automatic Identification Technology (AIT) solution on 28 Apache AH-64E aircraft and their associated spare parts. Camcode Global's Data Validation Tool played a pivotal role in capturing and validating OEM data, Unique Item Identifiers (UIIs), and asset verification. This comprehensive approach ensured that the Apache AH-64E upgrade process was carried out with precision and accuracy, ultimately enhancing configuration management and asset tracking.

## Benefits

- ▶ Tracking assets - the hours, cycles, rounds, or dates listed in the airworthiness documentation (IETM)
- ▶ Tracing assets in the logistics chain. Items that are offered under special contracts for repair or other maintenance.
- ▶ All actions are registered. Creating a cohesion between the technical, logistical, and financial business processes.
- ▶ Achieve complete airworthiness for Apache AH-64E
- ▶ Achieve complete configuration management in SAP

## Small Arms

### Project Summary

The Netherlands Ministry of Defence recognized that conducting manual checks on small arms equipment posed several challenges, including time constraints, data manipulation complexities, and the potential for human errors. In response to these issues, and in alignment with their UID policy, CDS-751, they decided to implement an Automatic Identification Technology (AIT) solution.

Additionally, the Netherlands Ministry of Defence sought to enhance asset visibility and streamline transactions by migrating data from their local database (SARS) to the SAP/S4-HANA system. To achieve these objectives, they chose to implement a Radio Frequency Identification (RFID) label and Unique Item Identifier (UID) label for all 106,000 small arm assets.

The successful implementation of this solution was made possible through a collaborative engineering effort between the Netherlands Ministry of Defence and Camcode Global. This collaboration ensured that the project met the engineering requirements, particularly concerning the RFID grip container, resulting in improved efficiency and accuracy in managing small arm assets.

## Benefits

- ▶ Reduction in the number of manual operations, increasing the speed and data quality of inventory checks
- ▶ Integrating business, data, transformation, and increasing the visibility of assets
- ▶ Cost savings in the process (up to 40%) and a better connection to life cycle management for decision-making
- ▶ Contributes to more reliable data with identifiable issues and maintainability of databases
- ▶ Data migration of clean data from SARS to SAP/S4-HANA, users will be able to transact from mobile applications



# Ballistic Plates

## Project Summary

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## Benefits

- ▶ Compliance with Health and Safety Regulations
- ▶ Complete visibility of the Ballistics plates, enabling track and trace
- ▶ Integration of Ballistic Plates data to SAP/S4-HANA, users will be able to transact from mobile applications



# Combat Service Support Air Equipment



## Project Summary

During the process of migrating Combat Service Support Air data from various local databases to SAP, and due to data input errors within the SAP system, the Royal Netherlands Air Force (RNLAf) identified a significant issue of data contamination related to Combat Service Support Air Equipment. To address this problem, Camcode Global undertook a remediation effort to align the equipment with the information in SAP and provide an accurate account of the asset data.

As a result of this collaboration, SAP has undergone a thorough cleansing process and has been enriched with the correct asset data. This improvement allows users to effectively carry out transactions using the Unique Item Identifier (UII) associated with the assets. The RNLAf and Camcode Global collaborated closely on the task of applying UID marks to more than 20,000 Combat Service Support Air assets, ensuring accuracy and integrity in the asset management process.

## Benefits

- ▶ Cleansed, enriched, and UID marked 20k+ assets in SAP
- ▶ Enabled asset availability and reliability
- ▶ UID is an enabler for working together with allied partners
- ▶ Improved data quality and enhanced confidence in flight safety equipment

Camcode Global follows its successful 4 phase project approach:

- Phase 1** – Engineering Services
- Phase 2** – Data Capture and Remediation
- Phase 3** – AIT Installation
- Phase 4** – Data Integration



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