



AUDIT
OFFICE



REPUBLIC
OF CYPRUS

AUDIT OF THE VEHICLE POSITIONING SYSTEM AND NAVIGATION SYSTEM OF THE POLICE



**AUDIT OFFICE OF THE REPUBLIC
SPECIAL REPORT no. ΑΣΤ/01/2020**



AUDIT OF THE VEHICLE POSITIONING SYSTEM AND NAVIGATION SYSTEM OF THE POLICE

AUDITED ENTITY:

Police

Executive Summary

The Audit Office carried out a performance audit of the Vehicle Positioning System (AVL) (the System) and navigation system of the Police, as well as an audit of the compliance of the members of the Force with the provisions of the relevant Laws and Regulations regarding the use of official vehicles in the state and wider public sector.

The most important findings of the audit are the following:

- ◆ Some functions/applications of the System do not meet the corresponding technical requirements/specifications set by the Police.
- ◆ The time required for the repair of a fault in the equipment and/or software of the System by the contractor amounts, on average, to 75 calendar days, instead of the 48 hours specified in the terms of the relevant contract.
- ◆ The Police have not claimed the Contractor's compliance with the terms of the contract, regarding the replacement of any defective equipment with another, until it is repaired.
- ◆ The implementation, by the Contractor, of the necessary works for the control of the proper operation of the equipment and the software of the system/applications is not confirmed, since the reports provided for have not been submitted.
- ◆ The Contractor has not implemented any software upgrade, in violation of the terms of the contract.
- ◆ It is not possible to check both the quality and the completeness of the deliverables of the contract, due to the Contractor's non-compliance with the contractual obligations.
- ◆ A number of new vehicle positioning devices remain unused as stock, despite the confirmed need to install them in additional vehicles of the Police fleet.
- ◆ A number of vehicle positioning devices remain installed, for a long period of time, on vehicles that have already been immobilized or intended for sale, without any installation action being forwarded to the rest of the active vehicle fleet.
- ◆ Of the total number of portable devices for vehicle and persons positioning, 38% has never been utilized, remaining in stock.
- ◆ 49 of the 50 navigation devices installed in a vehicle of the Police fleet had demonstrated a failure and 48% were still out of order, even though two weeks had passed since the failure.

- ◆ The system software suffered a total of 15 faults, over a period of three months, shutting down the central server, which resulted in the loss of the entire system throughout Cyprus.
- ◆ Only for 17% of the cases of vehicle equipment failures, the necessary actions to repair them had been taken by the people in charge.
- ◆ Basic capabilities/features of the audited system are essentially still not utilized, resulting in a time delay in repairing a fault, as well as increased operating and maintenance costs for the Police vehicle fleet.
- ◆ Of the total of 412 Police vehicles, which were equipped with the required positioning devices during the period from 1.4.2019 to 18.7.2019, 324 (79%) made stops at the addresses corresponding to the addresses of residence of members of the Force, who are presented as drivers of the abovementioned 412 vehicles.
- ◆ The examination of the system entries in a random sample of ten vehicles revealed, over a period of 109 calendar days, a total of 212 incidents of parking in addresses that coincide with those where members of the Force reside. More specifically:
 - An official vehicle was identified, for which in a period of 92 days, a total of 80 cases of violation of the provisions of the law on the use of official vehicles, were recorded.
 - In a total of 15 cases, the parking time of official vehicles in addresses that coincide with those where specific members of the Force reside, exceeded one hour.
 - An official vehicle was identified, that remained parked at an address, which coincides with the residence address of a specific Police Officer, for a consecutive period of 5 hours and 46 minutes.