

**To Mr. Ianus ERHAN  
Secretary General of the Ministry**

## **PROGRESS REPORT**

**on the implementation of the project "Ensuring a reliable and efficient communication system for operational purposes within the Police" (A.4.2 — Matrice) and the MIA Action Plan on the implementation of the communications network in TETRA standard within the Ministry of Internal Affairs**

I hereby inform you that, in order to achieve the objectives of the Project "Ensuring a reliable and efficient communication system for operational purposes within the Police", having as main objective the creation of the common secure radiocommunications platform in TETRA standard, during 2020, by The Information Technology Service of the Ministry of Internal Affairs has undertaken a series of actions, the most important of which are:

- Delivery of all equipment expected for 2020 according to contract no. 273AP of 06.12.2017;
- Carrying out the detailed design of the site and the candidate locations nominated for the installation of base stations and radio relay connections;
- Identification of locations for the installation of 8 MW (microwave) to create the redundancy of data transmission networks in the radio communication system TETRA MAI;
- EfCarrying out the technical expertise of 14 candidate locations for 2020;
- Obtaining the necessary authorizations for the installations of base stations and radio relay connections;  
Conclusion of colocation contracts and additional agreements to existing contracts with National Telecommunications Operators SA "Orange", SA „Moldcell”, SA „Moldtelecom” and SE „Radiocomunicații” for the installation of TETRA equipment, lease of technological spaces and electricity;
- Installation, configuration and operationalization of 15 TETRA base stations and 16 radio relay connections.
- Interconnection of MSO A (IGPF) with MSO B (Traian, 23/1 TSI a1 MAI) via optical fiber;
- Carrying out the interconnection of the TETRA radiocommunication network with VoIP (IP telephony) of the Ministry of Interior.
- Testing and rectification of all errors of the TETRA system, after installation and commissioning of SwMI equipment in complete configuration with 2 geo-redundant zones in the location MSO-A and MSO-B, with the achievement of a final network acceptance report;
- Making trips for commissioning and acceptance of equipment installation works and checking the services provided by the system;
- Carrying out radio coverage measurements at national level and completing the acceptance report with No. E181105-00-AT1 of 01.10.2020. According to reports, national radio coverage is 96.4% for portable stations and 99.8% for mobile stations.

- Organizing online courses, continuous training of guards and dispatchers (130 trained employees), in the periods 21 -24.07.2020, 28-31.07.2020 and 22-25.09.2020, by employees of the MIA TSI, on the topic "*TETRA system (stationary and portable radio stations), possibilities and technical capabilities, as well as their use in different service situations*".
- Equipping employees with radio terminals. In 2020, 756 radio terminals were purchased: IGP of MAI - 370, IGC of 1 MAI - 180 and IGPF of MAI - 206.

In accordance with the provisions of the contract, which was correlated with the action plan of the MIA, all deliverables for 2020 are completed and accepted.

Despite the complexity of the project as well as the fact that during the implementation period there were a number of risks and problems, performance indicators according to the Financing Agreement, for the years 2017-2020 were fully implemented, namely:

- all fixed and mobile patrols are connected and monitored by the GPS system;
- the system is used by all PGI Police Inspectorates;

Annex: 128 pages

- Progress report on the implementation of the communications network in TETRA standard - 9 pages.
- Study report on radio coverage with no. E181105-00-AT1 from 01.10.2020 - 23 pages.
- System acceptance report with no. E181105-00-AT1 of 17.09.2020 - 96 life.

**Director of STI of MIA**

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**Andrian ŞOVA**