



Proposal

Enquiry Module for Automated Fingerprint Identification System

Submitted to:	The Ministry of Interior of the Republic of Moldova
Supplier Name	Pangea NGU

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1 Introduction

Pangea (The supplier) is a privately owned, multi-national company that specializes in the implementation of digital transformation solutions for government, security, and enterprise organizations.

As it is known Pangea is the developer and the implementer of the current Automatic Fingerprint Identification System (AFIS) in the Republic of Moldova.

After evaluating the requirements thoroughly and using the accrued experience & know-how of Pangea in implementing similar large-scale AFIS Projects, we are hereby proposing the most suitable solution which we have prepared and customized specifically for the individual requirements of the Ministry of Interior of the Republic of Moldova.

2 The Need

The Ministry of Interior (the “Customer”) would like to inquire whether the person has collected fingerprints and palms registered in the Criminal AFIS system. This inquiry the Customer would like to do based on the person's ID number and/or his personal data.

3 The Solution

Pangea will provide the Customer with a solution that allows remote users retrieve Personal Information from the existing criminal AFIS system by ID number and/or personnel data.

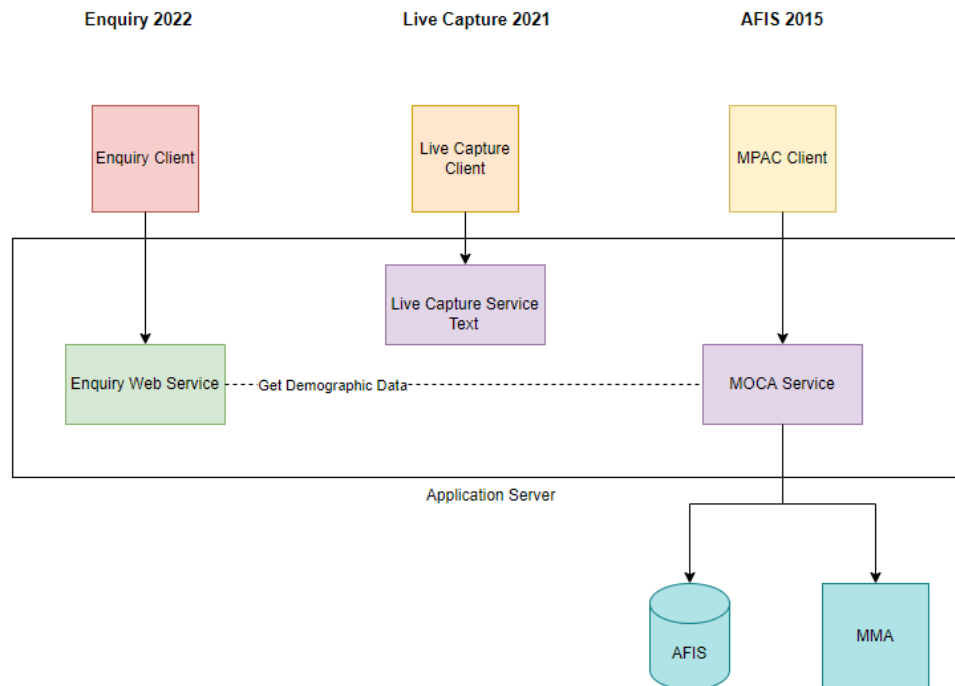
Users will connect to this e-government service via HTTP protocol by using the workstation Internet browser.

The proposed solution will be installed on the Central Criminal AFIS Data Center located in STI building. The remote sites will be connected to the center by using existing communication lines. All inquiries will be made against the existing criminal AFIS database.

3.1 Infrastructure

The Solution infrastructure will be based on existing hardware. The existing Application Server will act as a Front-End server, web service and business logic as well. All clients will connect to Front-End servers by using their Web Browser or custom application by using connection to web service by using HTTPS protocol. We will recommend using HTTPs protocol to connect clients to server. This protocol provides secured communication between clients and server.

The existing Database server will act as a database server. No client direct access will be done to this server. This server will be accessed only by application server.



3.2 User Interface

The User Interface will contain the following features:

- User Identification.
 - ✓ Checking permission of user to access the system
 - ✓ User authentication to enter the system
 - ✓ Change the password of the User
- Main Menu
 - ✓ Provide access to the System's main processes accordingly to the User's permissions
- Enquiry
 - ✓ Retrieving personal information by ID number of personal data

4 Project Implementation

4.1 Delivery Timeline

Full project implementation time including Development, Testing, Integration, Deployment and Training: **2.5 month**.

4.2 Implementation Location

The Solution will be located at the Central Criminal AFIS Data Center in STI building. All the infrastructure facilities: electricity and network will be provided by the Ministry of interior of Moldova. The connectivity from the remote users to the central site will be provided by the client (MOI).

The development and customization of the will be done in-house by Pangea.