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**Integration Guide**

MicroListPersonCriminalRecords

Contract Code: AmnPortal

Contract Name:

Elm - Amn Portal  
(شركة علم - بوابة أمن للأمن العام)

Version 1



**Document version**

|  |  |  |  |
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# Introduction

This document aims to provide a quick integration guide to understand how to integrate with National Information Center API. This document can be used in testing and production environment.

# Method of Communication

The method of communication between the National Information Center and the client will be via a **Representational State Transfer (REST)** API using JSON message format for the payload.

# Authentication | Authorization

API uses a **Bearer Token** for Authentication. The client must call AuthServer to get access token.

## API Token Information:

|  |  |
| --- | --- |
| Name | Value |
| Auth – Development URL | https://authdev.nic/oauth/token |
| Auth – Testing URL | https://authtst.nic/oauth/token |
| Auth – Production URL | https://auth.nic/oauth/token |
| HTTP Method | POST |

Samples:

|  |  |
| --- | --- |
| Request Sample | Response Sample |
| {      "username": "ContractUserName",      "password": "ContractPassword",      "grant\_type": "password"  } | {      "access\_token": "ChPBD9TN22hIFdzKeSL6YG4205x3PqoU4Scz7d-LJQ",      "issued\_at": "2021-09-13T09:05:21.6006527+03:00",      "expires\_in": 86400,      "expires\_on": 1631599521600,      "expires\_on\_date": "2021-09-14T09:05:21.6006527",      "token\_type": "Bearer"  } |

The access token will be sent in the **Authorization**  header when making requests to API. Format of Authorization header:

Authorization: Bearer <access\_token>

Authorization: Bearer ChPBD9TN22hIFdzKeSL6YG4205x3PqoU4Scz7d-LJQ

# [API]: MicroListPersonCriminalRecords

This API is used to retrieve an indicator which indicates if the person has criminal record(s).

## API URL

|  |  |
| --- | --- |
| Name | Value |
| API – Development URL | https://gwsdev.nic/NIC/AmnPortal/api/Person/MicroListPersonCriminalRecords |
| API – Testing URL | https://gwstst.nic/NIC/AmnPortal/api/Person/MicroListPersonCriminalRecords |
| API – Production URL | https://gws.moi/NIC/AmnPortal/api/Person/MicroListPersonCriminalRecords |
| HTTP Method | POST |

## API Request DTO

DTO: *MicroListPersonCriminalRecordsReq*

Contains the below Parameters**:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter (En) | Parameter (Ar) | Data Type | Description (Ar/En) |
| PersonID \* | رقم الهوية | Double(10) | **Person Identification number; allowed only (Citizen or Alien)**  رقم الهوية يجب أن يكون مواطن أو مقيم فقط |
| IDType \* | نوع هوية الشخص | Integer(1) | **Person ID type, allowed only (1) for Citizen or (2) for Alien**  نوع هوية الشخص يجب أن يكون (1) للمواطن أو (2) للمقيم فقط |
| BirthDate \* | تاريخ الميلاد | Integer(8) | **Person's Birth Date. Date format is yyyyMMdd**  تاريخ الميلاد للشخص، يجب أن يكون بالصيغة التالية yyyyMMdd |
| OperatorID \* | رقم هوية المشغل | Double(10) | **Operator Identification number; allowed only (Citizen)**  رقم هوية المشغل يجب أن يكون مواطن فقط |
| ClientIPAddress \* | عنوان بروتوكول الإنترنت | String(19) | **Client IP Address**  عنوان بروتوكول الإنترنت |
| Lang | اللغة | String(2) | **The default language is English (Ar or En)**  اللغة الافتراضية هي اللغة الإنجليزية |

**\* Mandatory field.**

## API Response DTO

DTO: *MicroListPersonCriminalRecordsRes*

In case of successful operation, the service will return HTTP response code 200 (OK) with a body containing the below parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter (En) | Parameter (Ar) | Data Type | Description (Ar/En) |
| IDType | نوع هوية الشخص | Integer(1) | **Person ID type**  نوع هوية الشخص |
| HasCriminalRecord | مؤشر على وجود سجلات جنائية | Integer(1) | **Indicates if person has criminal records**  مؤشر على وجود سجلات جنائية للشخص  **Indicators: المؤشرات:**   1. **Yes** (لديه سجلات جنائية) 2. **No** (ليس لديه سجلات جنائية) |
| RequestTimestamp | وقت إنشاء الطلب | DateTime | **Request time**  وقت إنشاء الطلب |
| ResponseTimestamp | وقت الرد على الطلب | DateTime | **Response time**  وقت الرد على الطلب |

## API Error Codes

In case of failure, API returns the below errors:

|  |  |  |
| --- | --- | --- |
| HTTP Status code | Status Code | Error Message |
| 500 | 500 | Please contact NIC |
| 400 | 4200 | Invalid Operator ID |
| 400 | 4201 | Operator ID must be Citizen or Alien only |
| 400 | 4100 | ID type must be (1) for Citizen or (2) for Alien only |
| 400 | 4101 | Citizen ID should start with 1. |
| 400 | 4102 | Alien ID should start with 2. |

## API Swagger

API swagger describes the structure of the APIs and help you to run the API in the browser, no need to install any tool (such as Postman):

|  |  |
| --- | --- |
| Name | Value |
| Swagger – Development URL | https://gwsdev.nic/NIC/AmnPortal/ |
| Swagger – Testing URL | https://gwstst.nic/NIC/AmnPortal/ |
| Swagger – Production URL | https://gws.moi/NIC/AmnPortal/ |