INTEGRATION GUIDE

NABA Platform

NABA

منصة الإشعارات الوطنية
National Notifications Platform

Contents

Introduction

This document aims to provide a quick integration guide to understand how to integrate with Notification Center services within their business applications.

Notification Center services utilize RESTFull web service as the main interface for communicating National Information Center (NIC Notification Center Services).

Method of Communication

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

Notification Center Services

Biometric Center Services	
Service Name	**Description**
Send SMS service	• Used to send SMS.
Check Sending Status	• To check Status of Sending SMS

Table 1: List of Biometric Services provided

Send SMS Service

Sending SMS Service is responsible for sending SMS to other services.

Service Information

Title	Identity Services
REQUEST URL	http://[IP-address]/NC/api/send/v1/
Method	POST
Success Response	HTTP Code: 200

Table 2: Identity Service API

Parameters

Parameter	Description	Parameter Type	Data Type	Body type
xml	Xml String File	parameter	String	form-data

XML Parameters

Parameter	Description	Data Type
ID	**Provider ID**	**String**
SecretCode	**Provider Secret Code**	**String**

XML Sample:

امن المسافرين-اشعار اصدار شهادة التزام لشركة طيران-1

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1735">
        <MessageDetails>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

'امن المسافرين-اشعار اصدار فاتورة لشهر محدد لجهة محددة-2

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1736">
        <MessageDetails>
            <EntityName></EntityName>
            <MONTH></MONTH>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-اشعار مراجعة فاتورة لشهر محدد وجهه محددة-3

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1737">
        <MessageDetails>
            <EntityName></EntityName>
            <MONTH></MONTH>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-اشعار بوجود اعتراض مقدم من شركة طيران-4

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1743">
        <MessageDetails>
            <carrierName></carrierName>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-اشعار بوجود تحديث على اعتراض من امن المسافرين-5

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1744">
        <MessageDetails>
            <carrierName></carrierName>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-طلب جديد لاصدار شهادة-6

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1745">
        <MessageDetails>
            <carrierName></carrierName>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1746">
        <MessageDetails>
            <carrierName></carrierName>
            <Mobile></Mobile>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-اشعار اصدار شهادة التزام لشركة طيران-8

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1738">
        <MessageDetails>
            <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

امن المسافرين-اشعار اصدار فاتورة لشهر محدد لجهة محددة-9

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1739">
        <MessageDetails>
            <EntityName></EntityName>
            <MONTH></MONTH>
            <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

10-امن المسافرين-اشعار مراجعة فاتورة لشهر محدد وجهه محددة

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1742">
        <MessageDetails>
            <EntityName></EntityName>
            <MONTH></MONTH>

            <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

11-امن المسافرين-اشعار بوجود اعتراض مقدم من شركة طيران

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1747">
        <MessageDetails>
            <carrierName></carrierName>
                <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

12-امن المسافرين-اشعار بوجود تحديث على اعتراض من امن المسافرين

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1748">
        <MessageDetails>
            <carrierName></carrierName>
            <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

13-امن المسافرين-طلب جديد لإصدار شهادة

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1749">
        <MessageDetails>
            <carrierName></carrierName>
                <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

14-امن المسافرين-طلب جديد لتفعيل بوابة الناقل

```xml
<?xml version="1.0" encoding="utf-8"?>
    <Message ID="1752">
        <MessageDetails>
            <carrierName></carrierName>
            <SendMail></SendMail>
        </MessageDetails>
        <ProviderDetail>
            <ID></ID>
            <SecretCode></SecretCode>
        </ProviderDetail>
    </Message>
```

Service Output Parameter:

Parameter Name	Parameter Type	Comment
TCN_NUM	Decimal	Will return decimal number with 18 digit.

Service Error Codes

HTTP Status Code	Error Model	Error Description
500	Internal Server Error	Internal server error – network error

Response Body Sample

```
190756453425616676
```

Check Sending Status

Service Information

Check Sending Status service is responsible for checking the status of sending SMS.

Title	Identity Services
REQUEST URL	http://[IP-address]/ NC/api/sms/status/v1/{TCN}
Method	GET
Success Response	HTTP Code: 200

	JSON Response Body which include:
	{
	       StatusID:int;
	       StatusDescription:String
	}

Service Input Parameters

Parameter	Description	Parameter Type	Data Type	Body type
TCN	18 digit character	parameter	Long	x-www-form-urlencoded

Service Output Parameters

Parameter Name	Parameter Type	Comment

JSON Object	String	{
		  "statusDescription": "STRING",
		  "statusID": int
		}
		
		StatusID Description
		======================

		0	waiting
		1	Sent
		2	Uncompleted
		3	NoMobileNumber
		4	Message Exceeds # of pages
		5	Message will be sent later
		6	Customer is not subscribed

Service Error Codes

HTTP Status Code	Error Model	Error Description
500	Internal Server Error	Internal server error – network error

Table 3: Error Codes

Response Body Sample

```
{
   "statusDescription": "Sent",
   "statusID": 1
}
```