



**EKLECTIC**  
We Digitize Your Business

# Telecom Payment API Integration Flow

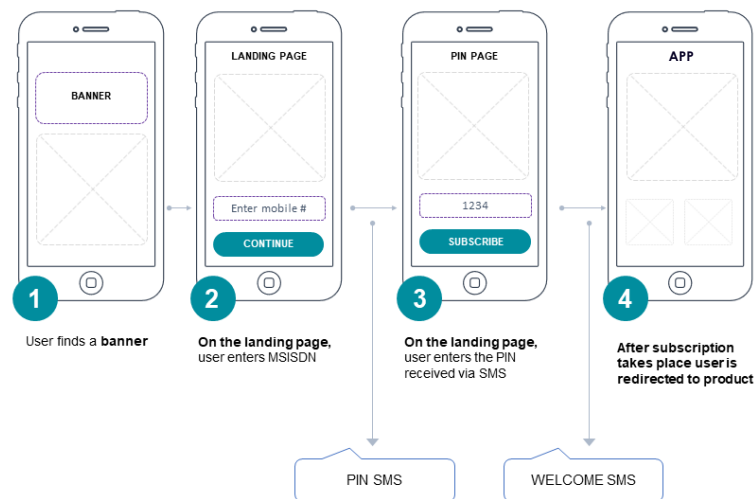
# Contents

1_	Introduction .....	2
2_	Integration Flow .....	2
2.1_	OAuth Token .....	2
2.2_	OTP Subscription .....	3
2.2.1_	Send Pin Code .....	3
2.2.2_	Confirm Pin Code .....	4
2.3_	Subscriber Status .....	5
2.4_	Unsubscription .....	6
2.5_	Asynchronous Notification .....	7

# 1\_ Introduction

This document describes the overall proposal from Eklectic (=EK) to build and integrate a Partner service with EK API.

## WiFi PIN FLOW



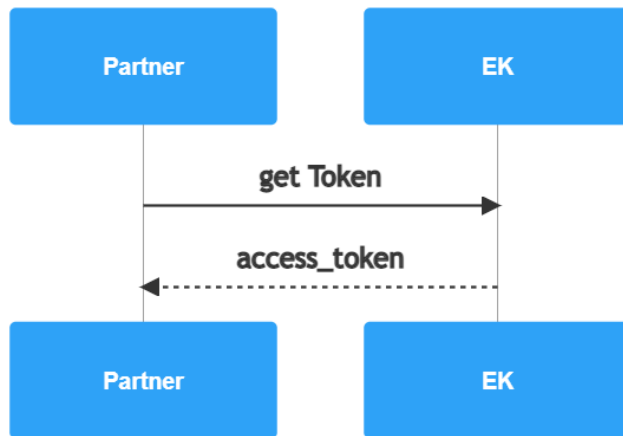
## 2\_ Integration Flow

Before integration the partner should have her own client\_ID, client\_secrets and the Offred for each operator/service/Price you are going to integrate on

### 2.1\_OAuth Token

The first API will be using it the client access token. API declined token is a temporary authentication token to verify the client ID and secret that are using.

It expire after 12 hours so you can use the same token for multiple purchase request. Once it is expired. You need to generate a new one.



### Generate Client Token

```

curl -X POST \
  'https://payment.eklectic.tn/API/oauth/token?grant_type=client_credentials&client_id=0XXeX59-88f6-11ec-9feb-fa163XXXXX8b3&client_secret=8a032d99XXXXXXXXXXXXX551c4dd' \
  -H 'content-type: application/x-www-form-urlencoded' \

```

### Generate Client Token (Result)

```

{
  "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYXltZW50LmVrbGVjdG1jLnRuIiwic3ViIjoiaW51ImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQQVq4Qzmdygc5mh492pQ",
  "expires_in": 43200,
  "token_type": "Bearer",
  "scope": null
}

```

All next steps should use the access\_token generated in this Endpoint in authorization Header

## 2.2\_OTP Subscription

Using OTP subscription, we need to confirm the human subscription by sending a pin code by SMS to the user phone number and confirm the code

### 2.2.1\_ Send Pin Code

#### Send Pin Code to customer:

```

curl -X POST \
  https://payment.eklectic.tn/API/subscription/otp \
  -H 'authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYXltZW50LmVrbGVjdG1jLnRuIiwic3ViIjoiaW51ImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQQVq4Qzmdygc5mh492pQ' \
  -H 'content-type: application/json' \
  -d '{
    "msisdn": "21612345678",
    "offreid": 123
  }'

```

**Send Pin Code to customer (result):**

```
{
  "code": "13995910-8ffa-11ec-9feb-fa163e3dd8b3",
  "expire": "2022-02-17 15:11:18"
}
```

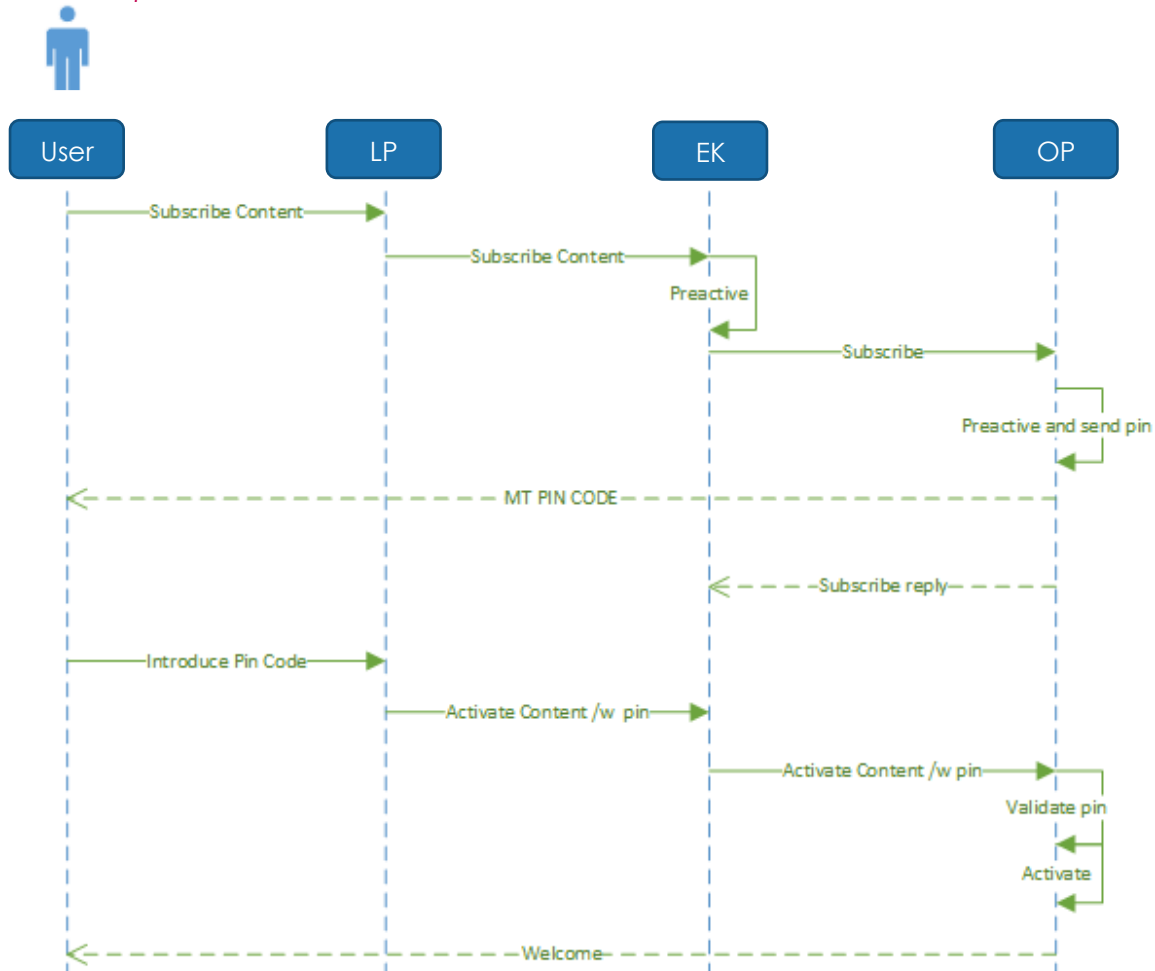
## 2.2.2\_ Confirm Pin Code

**Confirm Pin Code to customer:**

```
curl -X POST \
  https://payment.eklectic.tn/API/subscription/confirm \
  -H 'authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9
    .eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYXltZW50LmVrbGVjdG1jLnR
    uIiwic3ViIjoiaWIsImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQVq4Qzmdygc5mh492pQ' \
  -H 'content-type: application/json' \
  -d '{
    "msisdn": "21612345678",
    "offreid": 123,
    "code": "13995910-8ffa-11ec-9feb-fa163e3dd8b3",
    "pin": "4321"
  }'
```

**Confirm Pin Code to customer (result):**

```
{
  "confirm": "OK",
  "user": {
    "id": "string",
    "msisdn": "string",
    "date_debfree": "YYYY-MM-DD hh:mm:sss",
    "date_finfree": "YYYY-MM-DD hh:mm:sss",
    "subscription_date": "YYYY-MM-DD hh:mm:sss",
    "unsubscription_date": "YYYY-MM-DD hh:mm:sss",
    "first_broadcastbilling": "YYYY-MM-DD hh:mm:sss",
    "last_broadcastbilling": "YYYY-MM-DD hh:mm:sss",
    "first_successbilling": "YYYY-MM-DD hh:mm:sss",
    "last_successbilling": "YYYY-MM-DD hh:mm:sss",
    "success_billing": 0,
    "simchurn": 0,
    "date_simchurn": "YYYY-MM-DD hh:mm:sss",
    "date_revsimchurn": "YYYY-MM-DD hh:mm:sss",
    "create_at": "YYYY-MM-DD hh:mm:sss",
    "last_status_update": "YYYY-MM-DD hh:mm:sss",
    "service_id": 0,
    "offre_id": 0,
    "status": 1,
    "state": "ACTIVE"
  }
}
```

*Subscription flow*

## 2.3\_Subscriber Status

To receive the status of a subscriber you should have the subscriptionId (the unique identifier of user)

If you don't have the SubscriptionId, you can find the subscriptionId using this Endpoint:

```

curl -X POST \
  https://payment.eklectic.tn/API/subscription/find \
  -H 'authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9\
    .eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYXltZW50LmVrbGVjdG1jLnRu\
    Iiwic3ViIjoiaNiIsImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQQVq4Qzmdygc5mh492pQ' \
  -H 'content-type: application/json' \
  -d '{
    "msisdn":"21612345678",
    "offreid":1234
  }'

```

The result should be:

```
{
  "subscriptionID": "23939206"
}
```

### Fetch Sub Details

```
curl -X GET \
  https://payment.eklectic.tn/API/subscription/23939206 \
  -H 'authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9
    .eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYX1tZW50LmVrbGVjdG1jLnR
    uIiwic3ViIjoIiIsImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQQVq4Qzmdygc5mh492pQ' \
  -H 'content-type: application/json' \
  -d '{
    "msisdn": "21612345678",
    "offreid": 123,
  }'
```

### Fetch Sub Details (Result)

```
{
  "user": {
    "id": "23939206",
    "msisdn": "12345678",
    "date_debfree": "0000-00-00 00:00:00",
    "date_finfree": "0000-00-00 00:00:00",
    "subscription_date": "0000-00-00 00:00:00",
    "unsubscription_date": null,
    "first_broadcastbilling": null,
    "last_broadcastbilling": null,
    "first_successbilling": null,
    "last_successbilling": null,
    "success_billing": "0",
    "simchurn": "0",
    "date_simchurn": null,
    "date_revsimchurn": null,
    "create_at": "2022-02-10 22:46:07",
    "last_status_update": "2022-02-10 22:46:07",
    "service_id": "14",
    "offre_id": "123",
    "status": "1",
    "state": "SUSPENDED",
    "expire_date": "2022-02-16 22:46:07"
  }
}
```

## 2.4\_ Unsubscription

Using this API to unsubscription user:

```
curl -X DELETE \
  https://payment.eklectic.tn/API/subscription/23939206 \
  -H 'authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9
    .eyJqdGkiOiI2MjB1NTQzODFhMTE0IiwiaWF0IjoxNjQ1MTA2MjMyLCJpc3MiOiJwYX1tZW50LmVrbGVjdG1jLnR
    uIiwic3ViIjoIiIsImV4cCI6MTY0NTE0OTQzMn0.BqrDupCf1FAvF-qde18mzwDQQVq4Qzmdygc5mh492pQ'
```

## 2.5\_Asynchronous Notification

You will receive all the events related to the subscriptions

`https://[PARTNER_URL]?action={action}&subscriptionid={subscription_id}&transaction={transaction_id}&offreid={Offre_id}&amount={amount}&date=YYYY-MM-DD+hh:mm:ss`

- Action:
  - SUB: for subscription
  - UNSUB: for unsubscription
  - RENEW: for billing
  - CHARGE: for oneshot
- Subscription\_id: subscriber id
- Offer\_id: Offre id
- Transaction\_id: identifier of the request
- Amount: the amount TTC For the RENEW action
- Date : format YYYY-MM-DD HH:mm:ss