API documentation

# Screens API

## Overview

The Screens API allows you to retrieve information about the active ticketing screen for your bank, including the buttons that are on that screen. You can filter the buttons by branch ID and counter ID in order to only get the buttons that have services that are supported for a given branch or counter.

## Format

GET /api/Screens

## Authentication

Authentication for the Screens API is performed in the headers. The key of the header is "Authorization", and the value is the credentials, separated by colons, and encoded in base64.

The format of the credentials is "<bankName>:<username>:<password>", without the quotes.

For example, if the name of the bank is 'bank1', the username is 'user1', and the password is 'pass', the decoded credentials will be "bank1:user1:pass". After encoding them in Base64, the string will be "YmFuazE6dXNlcjE6cGFzcw==", without the quotes.

When encoding the credentials, make sure the character set is UTF-8.

Encoding can be done by many methods, including online tools like <https://www.base64encode.org/>.

## Parameters

### BranchId (optional, integer)

Filters service buttons based on branch ID; only the services that are available on counters in this branch are returned.

*Note*: buttons that show messages are not bound to any counters and are therefore always returned as long as the request is successful.

### CounterId (optional, integer)

Please note that if this parameter is provided, the Branch ID must be provided as well.

Filters service buttons based on counter ID; only the services that are available on the given counter are returned.

*Note*: buttons that show messages are not bound to any counters and are therefore always returned as long as the request is successful.

## Screen object

### Attributes

#### BankName

The name of the bank.

#### ScreenId

The ID of the active screen.

#### ScreenTitle

The title of the screen that's shown to the customer.

#### ButtonCount

The number of buttons being returned in the response.

#### Buttons

An array of button objects.

## Button object

### Attributes

#### ButtonID

The ID of the button.

#### Type

The type of the button. Its value is either ISSUE\_TICKET or SHOW\_MESSAGE.

#### NameEn

The name of the button in English.

#### NameAr

The name of the button in Arabic.

#### ServiceId

The ID of the service that the button provides. If the button is of type SHOW\_MESSAGE, this value is empty.

#### MessageEn

The message that the button shows in English. If the button is of type ISSUE\_TICKET, this value is empty.

#### MessageAr

The message that the button shows in Arabic. If the button is of type ISSUE\_TICKET, this value is empty.

## Example request

https://localhost:6969/api/Screens?branchId=45&counterId=12

## Example response

{

"BankName": "bank1",

"ScreenId": 45,

"ScreenTitle": "testScreen1",

"ButtonCount": 4,

"Buttons": [

{

"ButtonId": 2,

"Type": "ISSUE\_TICKET",

"NameEn": "b",

"NameAr": "لا",

"ServiceId": 1,

"MessageEn": "",

"MessageAr": ""

},

{

"ButtonId": 51658,

"Type": "ISSUE\_TICKET",

"NameEn": "d",

"NameAr": "ي",

"ServiceId": 1,

"MessageEn": "",

"MessageAr": ""

},

{

"ButtonId": 51662,

"Type": "SHOW\_MESSAGE",

"NameEn": "f",

"NameAr": "ب",

"ServiceId": 0,

"MessageEn": "Message",

"MessageAr": "رسالة"

},

{

"ButtonId": 51663,

"Type": "SHOW\_MESSAGE",

"NameEn": "g",

"NameAr": "ل",

"ServiceId": 0,

"MessageEn": "Message",

"MessageAr": "رسالة"

}

]

}

## Response codes

### 200 (OK)

The request was successful.

### 301 (Unauthorized)

The credentials were invalid or not present.

### 400 (Bad request)

Possible causes:

1. The credentials were incorrectly formatted.
2. The format of the request was incorrect (e.g. the provided branch ID is not an integer).

### 404 (Not found)

Possible causes:

1. There are no active screens.
2. The given branch ID or counter ID do not exist.

### 500 (Internal server error)

Something went wrong on the server side.