

# iOS SDK Guide

This guide outlines the steps for integrating the SMSDK framework into your iOS application, enabling identity validation processes through facial biometric verification or document scanning.

## Installation

### 1. Add the library

- Download the "SMSDK.xcframework" file.
- In your Xcode project, navigate to the target's general settings.
- Go to the "Frameworks, Libraries, and Embedded Content" section.
- Click the "+" button and add the "SMSDK.xcframework" to your project. Ensure it's set to "Embed & Sign".

### 2. Import Required Libraries

In the file where you plan to use the SDK, import the necessary libraries:

```
// swift

import UIKit
import AdoComponent
```

The `TransactionResponse` object will contain the results of the transaction, providing detailed feedback on the validation process.

## Minimum SDK Version for iOS

Update the minimum iOS version to iOS 11.0:

- Navigate to your target's Build Settings.
- Find the "Deployment" section.
- Set the "iOS Deployment Target" to iOS 11.0 or higher.

## Example Implementation

To initiate the SMSDK framework, use the `initWith` method from the `SManager` class. This method requires a delegate and an `SParams` object containing the launch parameters. Implement the `SDelegate` extension to handle the SDK's response.

#### “ Initialization

```
let params = SParams(productId: "1",
    projectName: "lulobankqa",
    apiKey: "db92efc69991",
    urlSdk: "https://adocolumbia.ado-tech.com/lulobankqa/api/",
    token: "",
    function: 1, // 1 for Liveness, 2 for Document Scanning
    isFrontSide: false, // true for front, false for back of the document
    uidDevice: "",
    language: "en") // "en" for English, "es" for Spanish

let smManagerVC = SManager.initWith(delegate: self, params: params)
smManagerVC.modalPresentationStyle = .fullScreen
present(smManagerVC, animated: true, completion: nil)

// MARK: - SDelegate
extension ViewController: SDelegate {
    func completedWithResult(result: Bool, response: ResultsResponse?) {
        dismiss(animated: true) {
            // Handle the SDK response here
        }
    }
}
```

## Parameters Explained

- **productId**: Identifier for the product being used.
- **projectName**: Your project identifier provided by the service.
- **apiKey**: Your API key for authentication with the service.
- **urlSdk**: The base URL for the SDK's services.
- **token**: Optional token for additional authentication (if required).
- **function**: Determines the operation mode (e.g., 1 for Liveness, 2 for Document Scanning).
- **isFrontSide**: Indicates which side of the document to capture.
- **uidDevice**: A unique identifier for the device.
- **language**: Specifies the language for the SDK interface.

## Resources

Resource files, including animations provided by the client, can be found at the following path within your project:

```
“ SMSDKTest/Resources/Animations
```

Ensure these resources are correctly integrated into your project for the SDK to function as intended.

## State Codes Reference

Be aware of the following state codes when processing responses:

- 200: "SUCCESS"
- 201: "THE\_NUMBER\_OF\_CONFIGURED\_ATTEMPTS\_WAS\_EXCEEDED\_AND\_NO\_LIFE\_WAS\_FOUND\_IN\_THESE"
- 203: "TIMEOUT"
- 204: "CANCELED\_PROCEED"
- 205: "PERMISSIONS\_DENIED"
- 401: "TOKEN\_ERROR"
- 404: "INVALID\_CREDENTIALS"
- 500: "CONNECTION\_ERROR"

## Demo Application

For a comprehensive example, including full source code demonstrating the integration and usage of the Scanovate Colombia SDK, visit our GitHub repository:

[Scanovate Colombia SDK Demo App For iOS](#)

This demo app provides a hands-on example to help you understand how to integrate and utilize the SDK in your own applications.

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