



# CenTrak Wayfinding iOS UI Module Integration

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## Build requirements:

- Xcode Versions: Xcode 11.x
- iOS 11.0 SDK or later

## Installation

Drag the Framework folder into your project.

### CocoaPods

CocoaPods is a dependency manager for Cocoa projects. For usage and installation instructions, visit their website. To integrate SpreoUIModule into your Xcode project using CocoaPods, specify it in your Podfile.

### Swift Package Manager

The framework can be found here: <https://github.com/centraksw/UiModuleSPM>

## Usage

1. Import IosUIModule

```
import IosUIModule
```

2. Use settings

- 2.1. The parameter can be changed to open search with a specific POI category on module start. Doesn't work if showClosestPoiDetails = YES and specific category empty or incorrect.

```
let settings = UIModuleSettings.default()
settings.openSearchOnStart = true
settings.specificCategory = "Entrance"
```

- 2.2. The parameter can be used to present the closest POI from a specific category on start. Doesn't work if openSearchOnStart = YES and specific category empty or incorrect.

```
let settings = UIModuleSettings.default()
settings.showClosestPoiDetails = true
settings.specificCategory = "Entrance"
```

- 2.3. The parameter can be used to start navigation to a POI by source ID on start. Doesn't work if `openSearchOnStart = true` or `showClosestPoiDetails = true`

```
let settings = UIModuleSettings.default()
settings.openNavigationOnStart = true
settings.poiSourceId = "12345"
```

- 2.4. The parameter can be used to start navigation to a POI by ID on start. Doesn't work if `openSearchOnStart = true` or `showClosestPoiDetails = true`

```
let settings = UIModuleSettings.default()
settings.openNavigationOnStart = true
settings.poiId = "12345"
```

- 2.5. The parameter can be used to open POI details by source ID on start. Doesn't work if `openSearchOnStart = true` or `showClosestPoiDetails = true` or `openNavigationOnStart = true`

```
let settings = UIModuleSettings.default()
settings.openPoiDetailsOnStart = true
settings.poiSourceId = "12345"
```

- 2.6. The parameter can be used to open POI details by ID on start. Doesn't work if `openSearchOnStart = true` or `showClosestPoiDetails = true` or `openNavigationOnStart = true`

```
let settings = UIModuleSettings.default()
settings.openPoiDetailsOnStart = true
settings.poiId = "12345"
```

- 2.7. The parameter can be used to catch notification when user opens third party navigation to a POI. Will be called when a third-party navigation has started. Can be used to send a push notification to remind the user to open the app again when the user arrives on site.

```
let settings = UIModuleSettings.default()
settings.thirdPartyNavigationOpenedNotification = { some
actions }
```

- 2.8. The block can be run to open navigation to POI immediately. The first parameter can be POI ID or POI source ID, and the second parameter bool flag is source type or not.

```
let settings = UIModuleSettings.default()
settings.openNavigationBlock?(poiId, false)
```

- 2.9. The block can be run to open POI details immediately. The first parameter can be POI ID or POI source ID, and the second parameter bool flag is source type or not.

```
let settings = UIModuleSettings.default()
settings.openPoiDetailsBlock?(poiId, false)
```

### 3. Get the view controller

- 3.1. Initialize framework without settings:

```
let vc = IosUIModuleKit.initWithApiKey("YOUR_SPREO_API_KEY")
```

- 3.2. Initialize framework with settings:

```
let settings = UIModuleSettings.default()
let vc = IosUIModuleKit.initWithApiKey("YOUR_SPREO_API_KEY" ,
settings: settings)
```

### 4. Add as child view controller

```
addChild(vc)
view.addSubview(vc.view)
```