

Getting Started

This guide is a quick start to implement “Buy Insurance” module.

Xcodeis the recommended development environment for building an app with the TPL Insurance Android SDK.

**Step 1. Download Xcode**

Follow the guides to [download](https://developer.apple.com/xcode/) and [install](https://developer.apple.com/xcode/) Xcode.

**Step 2. Create a project**

Follow these steps to create a new app [install](https://developer.apple.com/library/archive/referencelibrary/GettingStarted/DevelopiOSAppsSwift/BuildABasicUI.html).

### **Step 3: Install the SDK**

The TPLInsurance SDK for iOS is available as a CocoaPods pod. CocoaPods is an open source dependency manager for Swift and Objective-C Cocoa projects.

If you don't already have the CocoaPods tool, install it on macOS by running the following command from the terminal. For details, see the [CocoaPods Getting Started guide](https://guides.cocoapods.org/using/getting-started.html).

* sudo gem install cocoapods

Create a Podfile for the TPLInsurance SDK for iOS and use it to install the API and its dependencies:

1. If you don't have an Xcode project yet, create one now and save it to your local machine. (If you're new to iOS development, create a Single View Application.)
2. Open a terminal and go to the directory containing the Podfile:

* cd <path-to-project>

1. Create a file named Podfile in your project directory. This file defines your project's dependencies.

* pod init
* open -a Xcode Podfile

1. Edit the Podfile and add your dependencies. Here is an example which includes the dependencies you need for the TPLInsurance SDK for iOS:

source '<https://github.com/CocoaPods/Specs.git>'

source '<https://github.com/ahsanbawa/TPLInsurancePodMainPodSpecs.git>'

platform :ios, '11.0'

target 'YOUR\_APPLICATION\_TARGET\_NAME\_HERE' do

pod 'TplInsurancePodUpdated', '0.0.4'

pod 'TrustKit', '~> 1.6.0', :modular\_headers => true

end

1. Save the Podfile
2. Open a terminal and go to the directory containing the Podfile:

* cd <path-to-project>

1. Run the pod install command. This will install the APIs specified in the Podfile, along with any dependencies they may have.

* pod install

1. Close Xcode, and then open (double-click) your project's .xcworkspace file to launch Xcode. From this time onwards, you must use the .xcworkspace file to open the project.
2. Last and the least step, initailize the trustkit object in your appdelegate.swift by using below mentioned code:

TrustKit.setLoggerBlock { (message) in

print("TrustKit log: \(message)")

}

let trustKitConfig: [String: Any] = [

kTSKSwizzleNetworkDelegates: true,

kTSKPinnedDomains: [

"customer.tplinsurance.com": [

kTSKEnforcePinning: true,

// Valid pin and backup pin

kTSKPublicKeyHashes: [

"EK2on4KQJh08ONvEFlONOLH5cm1Re7RUKP8M7s1AILQ=",

"nKWcsYrc+y5I8vLf1VGByjbt+Hnasjl+9h8lNKJytoE=",

"r/mIkG3eEpVdm+u/ko/cwxzOMo1bk4TyHIlByibiA5E="

],

kTSKReportUris:["https://customer.tplinsurance.com/"],

]

]]

TrustKit.initSharedInstance(withConfiguration: trustKitConfig)

1. Usage of this pod, you can copy below mentioned code on your click function:  
     
   presentFirstViewControllerOn(UIViewController())

open func presentFirstViewControllerOn(\_ viewController:UIViewController) {  
       let storyBoard : UIStoryboard = UIStoryboard(name: "InsuranceMain", bundle: .framework)  
       let nextViewController = storyBoard.instantiateViewController(withIdentifier: "ViewController")  
       let navigationController = UINavigationController(rootViewController: nextViewController)  
       self.present(navigationController, animated:true, completion:nil)  
   }}

extension Bundle {  
   static let framework = Bundle.init(identifier: "org.cocoapods.TplInsurancePodUpdated")  
}

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