

Integration Steps for Cordova Android Application with Netcore SDK for FCM

(<https://github.com/NetcoreSolutions/Smartech-Android-FCM-SDK>)

Prerequisites:-

- 1: Get **google-services.json** file and **FCM Server Key** from **Firebase Developer console**
- 2: Get **App Id** and **Smartech FCM SDK** from **Smartech Panel**

For Integrate SDK: (supported android minsdkversion 15 or more)

Step 1: Add Netcore SDK (i.e. SmartechFCMSDK.aar file) in `platforms/android/libs/` directory

Step 2: Add google-services.json file in `platforms/android/` directory

Step 3: Follow below Instructions to modify `platforms/android/build.gradle` file

1. Add below code in dependencies of buildscript (avoid if already added)

```
classpath 'com.google.gms:google-services:3.0.0'
```

2. Add below code in last line fo build.gradle (Avoid if already added)

```
repositories{  
    flatDir { dirs 'libs' }}  
apply plugin: 'com.google.gms.google-services'
```

3. Add below code in dependencies below code:(not in child dependencies)

```
compile(name:'SmartechFCMSDK', ext:'aar')  
compile 'com.google.code.gson:gson:2.8.0'  
compile 'com.google.firebase:firebase-messaging:9.6.0'
```

Step 4: Add plugin to Your cordova application by below command

cordova plugin add <https://github.com/NetcoreSolutions/Smartech-Cordova-Android-FCM-Plugin.git>

For Push Notification as well as inbuilt activities:

Add below js code into index.js file in onDeviceReady function

```
var data = {};  
data["eventId"] = "25"; // To get token from FCM  
data["identity"] = "<Login identity>"; // provide "" or primary key defined on smartech panel  
data["applicationId"] = "<ApplicationId>"; // provide AppId which you get from Smartech panel  
smartech.track(data);
```

For Custom Activity Tracking:

Add below js code for track custom activity where activity performed:

```
var data = {};  
data["eventId"] = "<EventId>"; // compulsory field  
smartech.track(data);
```

Note:

For Event Id: EventId is mandatory field to track Activity (get from Smartech Panel).

For profile update, login and logout, eventId must be 0, 22 and 23 respectively

For identity : pass identity in data with key “identity” if identity is present

For payload : pass payload in data with key “payload” if payload is required

Format of payload : Payload must be in below format as a **Json object** containing **array of json Objects**

```
{"payload":[{"s^name":"Nexus 5","i^prid":2,"s^price":"15000 Rs.", "i^prqt":1}]}
```

For profile : pass profile details in data with key “profile” if profile build event called

Format of profile : profile must be in below format as a **Json object** with **key** must be in **Capital**.
{“NAME”:“Developer”,“MOBILE”:7894561231,“CITY”:“Mumbai”,“AGE”:25}