

# Integration Steps for Cordova Android Application with Netcore SDK for FCM

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

Before performing Application changes, prerequisites are as follow:-

**Need 1:** Get google-services.json file and FCM Server Key from Firebase Developer console

**Need 2:** Get App Id and Smartech FCM SDK from Smartech Panel

## For Integrate SDK:

**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 of build.gradle (Avoid if already added)

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

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

```
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 and Launch Activity

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 Activity Tracking:

Add below js code for track activity where activity performed:

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

### 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}
```