



Publisher Guide

Android

Integrating MobPartner with MoPub

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1. Introduction

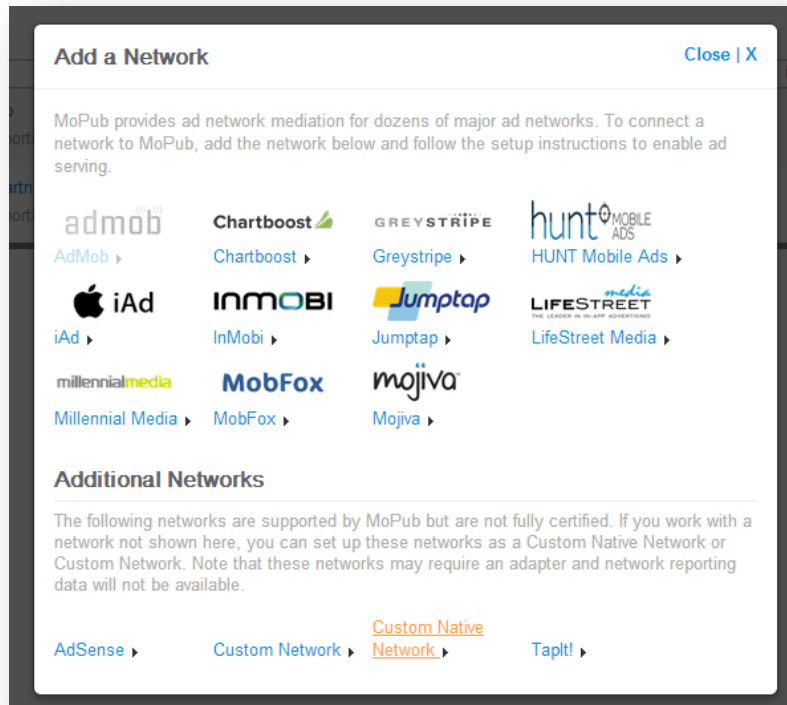
This document describes the integration steps to include MobPartner Publisher SDK library into your MoPub network.

2. Prerequisites

Before starting with the MoPub Mediation integration, please make sure you already imported the latest MobPartner Android Publisher SDK (**MobPartnerAndroidPublisherSDK2_1.jar**) to your project. You can find it at <https://github.com/MobPartner/AndroidPublisherSDK>

3. Create a Custom Event on MoPub Website

1. Log in to your MoPub account at <https://app.mopub.com>.
2. Click on “**Networks**” Menu tab.
3. Create an ad Network by clicking on “**Add a Network**” and select “**Custom Native Network**”.



4. Fill in the fields as the following graph then click on “Save and Continue”

Custom Native

Setup Custom Native Network

Special Instructions

- Custom Native Networks require the development of a Custom Event Class
- You must enter a Custom Class to enable ad serving for this type of network. Custom Event Class Data can be sent down in JSON format. Note: Custom Native Networks using a Custom Method implementation will not be supported in future MoPub SDKs.

Title MobPartner

Set Up Your Inventory

Add a Filter

APP AND ADUNITS	PLATFORM	AD FORMAT	CUSTOM EVENT METHOD	CUSTOM EVENT CLASS	CUSTOM EVENT CLASS DATA
ABC	Android	Banner Ad	Banner	No Custom Content Entered	<div>com.mobpartner.android.publisher.adapter.MobpartnerCustomEventsMoPub</div> <div>{"pool": "3809"}</div>

☒ Run this network automatically (recommended)

Fields required to fill:

Title – Ad Network label that you will assign to your customized ad network

Custom Event Class – class name that will be implemented in your code to show MobPartners’ ad.

Custom Event Class Data – data parameters that are required to be passed back to your Custom Event class; in this case your pool ID from MobPartner and it needs to be in JSON format.

4. Add MoPub banner to your project

You can find the MoPub documentation below:

<https://github.com/mopub/mopub-android-sdk/wiki/Banner-Integration>

- Download and import the latest MoPub Android SDK library into your project.

You can find it at <https://github.com/mopub/mopub-android-sdk/wiki/Getting-Started>. If you are not using any other third party ad network you only need **MobPub Android Base SDK**.

- Configure the AndroidManifest.xml with Mobpartners and MoPubs settings. You can find Mobpartner’s settings at <https://github.com/MobPartner/AndroidPublisherSDK>.

```
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
<uses-permission android:name="android.permission.READ_PHONE_STATE"/>
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE"/>
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />

<activity android:name="com.mopub.mobileads.MoPubActivity"
    android:configChanges="keyboardHidden/orientation"/>
<activity android:name="com.mopub.mobileads.MraidActivity"
    android:configChanges="keyboardHidden/orientation"/>
<activity android:name="com.mopub.mobileads.MraidBrowser"
    android:configChanges="keyboardHidden/orientation"/>
<activity android:name="com.mopub.mobileads.MraidVideoPlayerActivity"
    android:configChanges="keyboardHidden/orientation"/>
```

3. Add `com.mopub.mobileads.MoPubView` into your XML layout to define your ad banner slot.
4. Load MoPub ads. Refer to <https://github.com/mopub/mopub-android-sdk/wiki/Banner-Integration>
5. Implement the custom event created on the MoPub website by defining a class with the same class name set in the configuration in your project. This could be as the following.

```
public class MobpartnerCustomEventsMoPub extends CustomEventBanner{

    private MobPartnerAdBanner mBanner;

    @Override
    protected void loadBanner(Context context, CustomEventBannerListener listener,
        Map<String, Object> parameter1, Map<String, String> parameter2) {
        // TODO Auto-generated method stub

        String poolID = (String) parameter2.get("pool");
        mBanner = new MobPartnerAdBanner(context, poolID);

        //Displays banner
        mBanner.getMobPartnerAd();
        listener.onBannerLoaded(mBanner);

    }

    @Override
    protected void onInvalidate() {
        // TODO Auto-generated method stub

    }

}
```