

# AlgoriX Ironsource Custom Adapter\_EN

What is a custom adapter?

Custom adapters enable you to integrate any SDK network you want in your mediation stack through ironSource mediation. This means you can serve ads from any other networks that are right for your audience, in addition to all the networks available through the ironSource mediation.

Your new network will look like a native part of the ironSource platform on the SDK Networks Setup, Mediation Management page, and in your monetization reports. You can also use the same features you use for certified networks for your new network, including segments, A/B testing, sort by eCPM, and more.

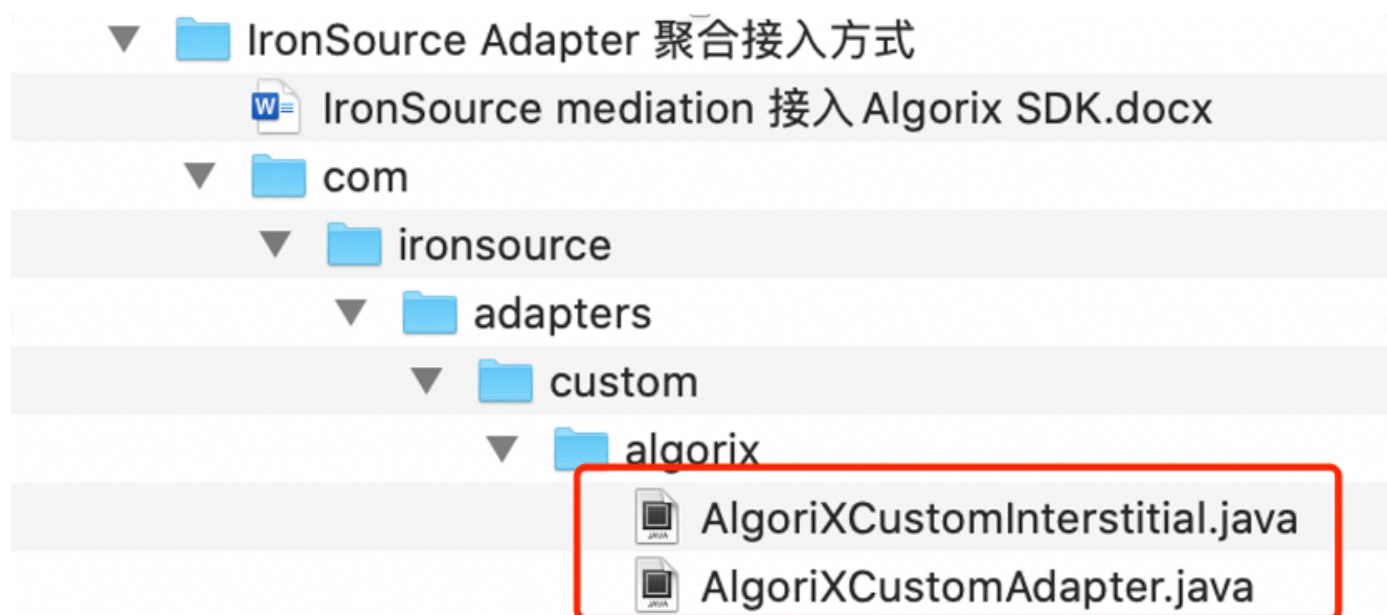
The minimum supported ironsource mediation sdk versions are as follows.

Android: 7.1.10

iOS: 7.1.11

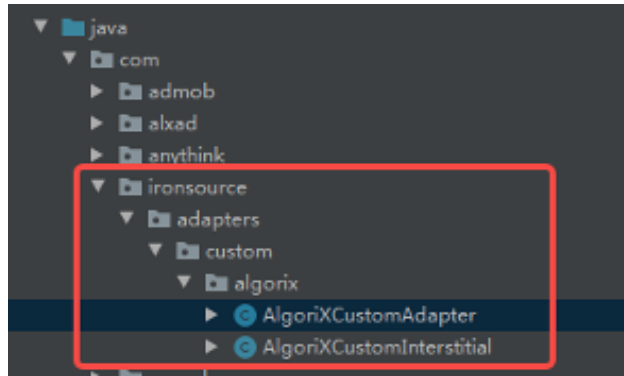
## Step 1: AlgoriX SDK Custom Adapter Integration

1. Download the SDK at [AlgoriX Documentation Center](#). Unzip the package and find the AlgoriX custom adapter file under this path.



2. Copy the adapter java file under the path: `com.ironsource.adapters.custom.algorix`

Please make sure the adapter files are placed under the correct path in your app.



### 3. AAR/JAR library file integration

Copy the alx...\*.aar from the SDK compression package to Application Module/libs folder (If not exist, create manually), then add the following codes to build.gradle in your Moudle app:

```
//In Unity, the application folder is exported as unityLibrary
repositories {
    flatDir {
        dirs 'libs'
    }
}
dependencies {
    compile(name: 'alx.*.*.*', ext: 'aar') //replace with the specific sdk version
    number
}
```

### 4. ProGuad Configuration(recommend)

Add to the following codes to the .pro file under the APP folder (for Android, the file is usually exported as proguard-rules.pro, for Unity, the file is exported as proguard-unity.txt):

```
-keep class com.alxad.** {*; }
-keep class admob.custom.adapter.** {*; }
-keep class anythink.custom.adapter.** {*; }
-keep class com.mopub.mobileads.** {*; }
-keep class com.tradplus.ads.** {*; }
-keep class com.ironsource.adapters.** {*; }
```

## Step 2: Register AlgoriX as your custom adapter

Register AlgoriX as your custom adapter and get the network key.

[ironSource | Custom adapter registration](#)

# Add your network to ironSource mediation

## Network details

This information will be used to identify your network on ironSource mediation, and can't be changed later.

Mandatory Field

## Network contact

## Network configurations

Add the names of your network's unique identifiers that are required for ad delivery. If your network supports Reporting API, make sure to add the required account level keys for reporting as well.

### Supported ad units

- ☒ Rewarded Video
- ☒ Interstitial
- ☒ Banner

### Supported platforms

- ☒ Android
- ☒ iOS

### Account level

[+ Add new](#)

### App level

[+ Add new](#)

### Instance level

[+ Add new](#)


### Reporting API endpoint

Some information required by the register form.

- Network Contact Person: Your AlgoriX account manager

- Contact Email:[sdk\\_support@algorix.co](mailto:sdk_support@algorix.co)
- Company Name:ALGORIX TECHNOLOGY PTE LTD
- Company Address: Lazada One, #06-01, 51 Bras Basah Road, Singapore 189554
- Country:Singapore
- Account level:sid, token
- App level:appid
- Instance level:unitid
- Reporting API endpoint:<https://ssp.svr-algorix.com/api/report/v1/is>

Once you submit the form, you will get the below information **immediately** on the page. **Make sure you save it since it includes important information for you to set up your adapters. The new network key might need several minutes before taking effect.**



## Congratulations

### Your network is available through ironSource mediation

Here's the info you need to identify your network on the ironSource platform and to build your custom adapters classes. For more details, check your inbox.

[See what's next](#)

Network key	15b95 5
Network name	AlgoriX

Android	
Package	com.ironsource.adapters.custom.algorix
Base adapter	AlgoriXCustomAdapter
Rewarded video class	AlgoriXCustomRewardedVideo
Interstitial class	AlgoriXCustomInterstitial
Banner class	AlgoriXCustomBanner

iOS	
Base adapter	ISAlgoriXCustomAdapter
Rewarded video class	ISAlgoriXCustomRewardedVideo
Interstitial class	ISAlgoriXCustomInterstitial
Banner class	ISAlgoriXCustomBanner

## Step 3: Account and App set up at AlgoriX

Before adding the AlgoriX ad network to your ironSource mediation, please log in to your [AlgoriX SSP account](https://ssp.svr-algorix.com/) (<https://ssp.svr-algorix.com/>) to set up your app/ad placements and get related parameters, which are defined by AlgoriX and required by ironSource's ad network set up (see below).

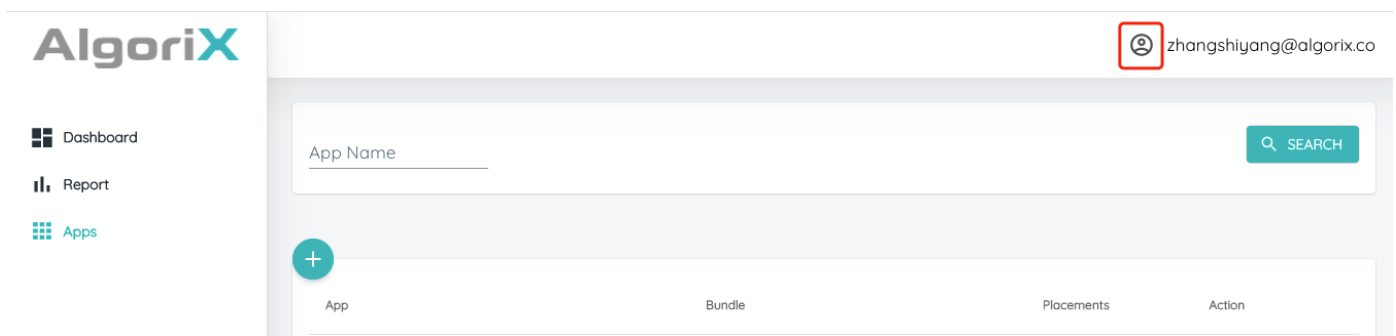
Below are the parameters you'll need:

	Parameter Required by Ironsource	Parameter Defined by AlgoriX
Account Level Parameter	sid	ID
Account Level Parameter	token	Token
App Level Parameter	appid	APP ID
Ad Instance Parameter	unitid	Placement ID

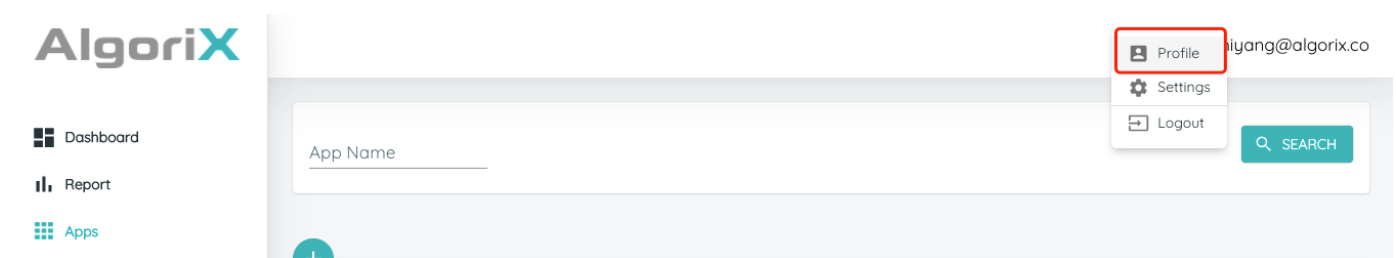
Please refer to the following steps to create app/ad placements and get your ID, Token, APP ID, and Placement ID.

\*Note: If you don't have an AlgoriX SSP account, please get in touch with your AlgoriX account manager to help you create one.

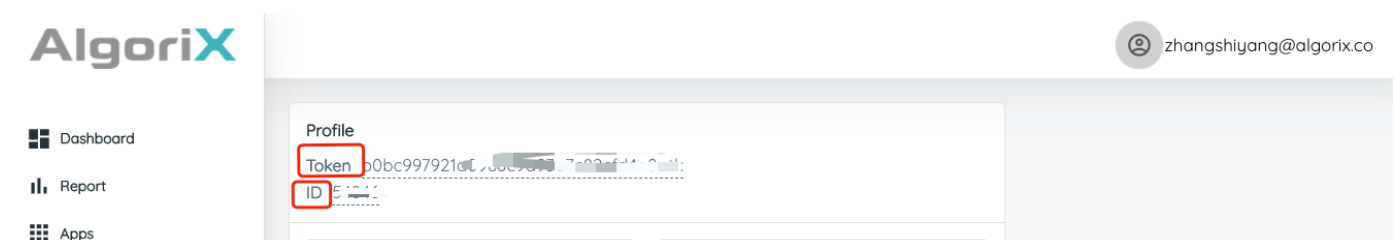
- *Log-in to your AlgoriX SSP account*



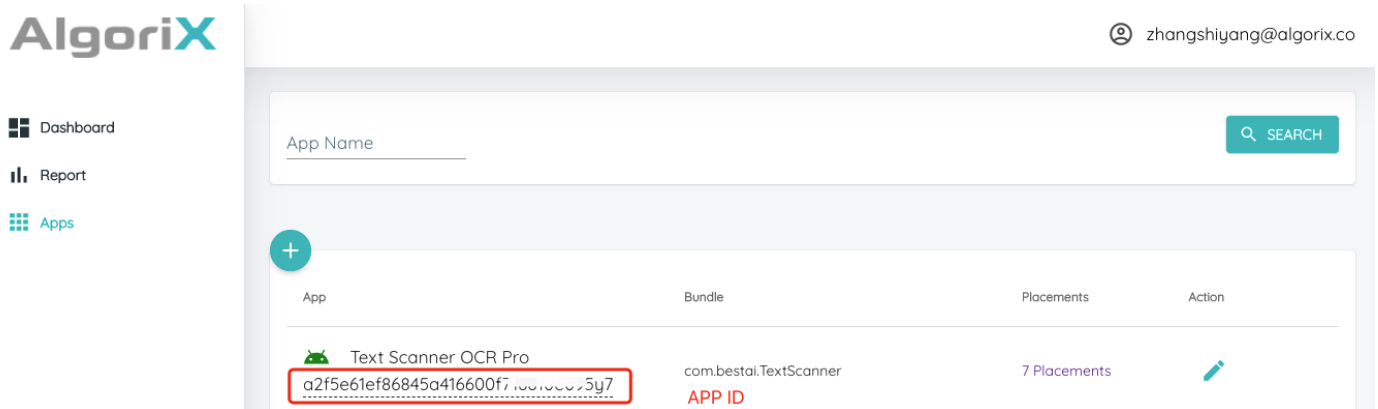
- *Go to Account > Profile to get your ID and Token*



- *Here you will see your ID and Token*



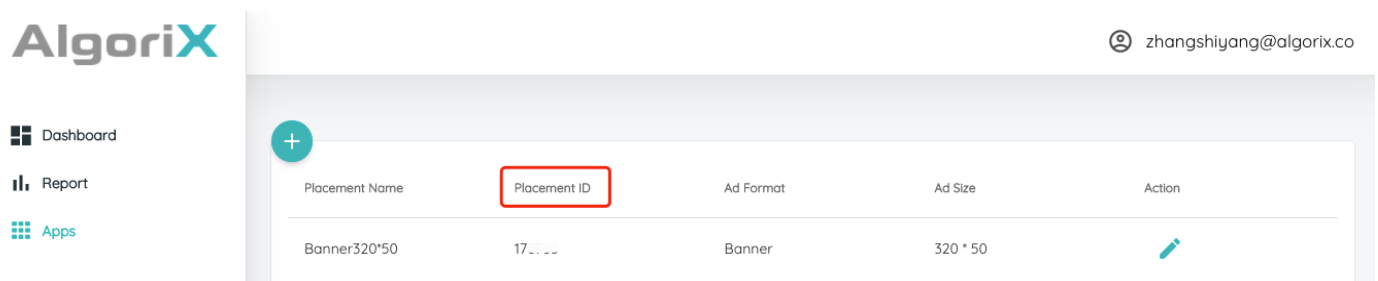
- *Create APP: Go to "Apps" to create an app\*\*. Click the ID under the app name to copy the APP ID*



The screenshot shows the AlgoriX dashboard with the 'Apps' tab selected. A table lists the app 'Text Scanner OCR Pro' with its bundle ID 'com.bestai.TextScanner' and 7 placements. The APP ID 'a2f5e61ef86845a416600f71d3e1cc075y7' is highlighted in a red box.

App	Bundle	Placements	Action
Text Scanner OCR Pro a2f5e61ef86845a416600f71d3e1cc075y7	com.bestai.TextScanner APP ID	7 Placements	

- *Create Ad Placement: On the last page, click "placements" to create an ad placements under the app and get the placement ID.*



The screenshot shows the AlgoriX dashboard with the 'Placements' tab selected. A table lists the placement 'Banner320\*50' with its placement ID '17111111111111111111111111111111' highlighted in a red box.

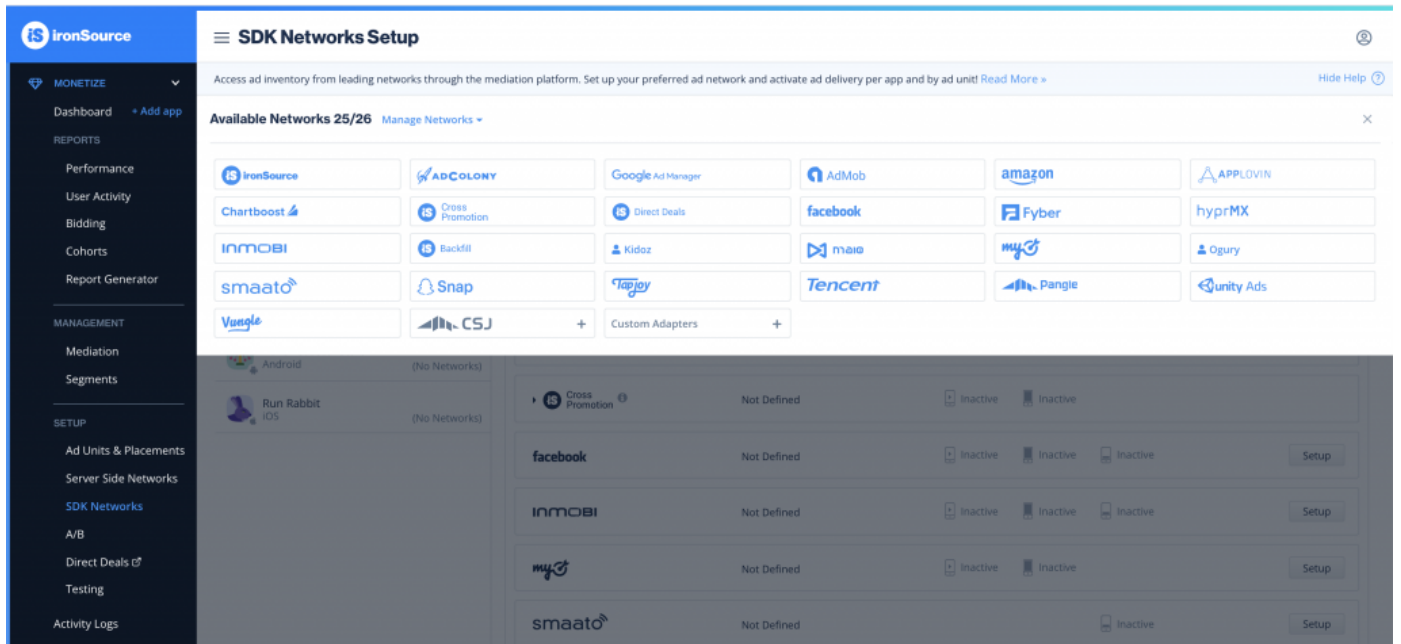
Placement Name	Placement ID	Ad Format	Ad Size	Action
Banner320*50	17111111111111111111111111111111	Banner	320 * 50	

## Step 4: Configure the ad network account settings at ironSource

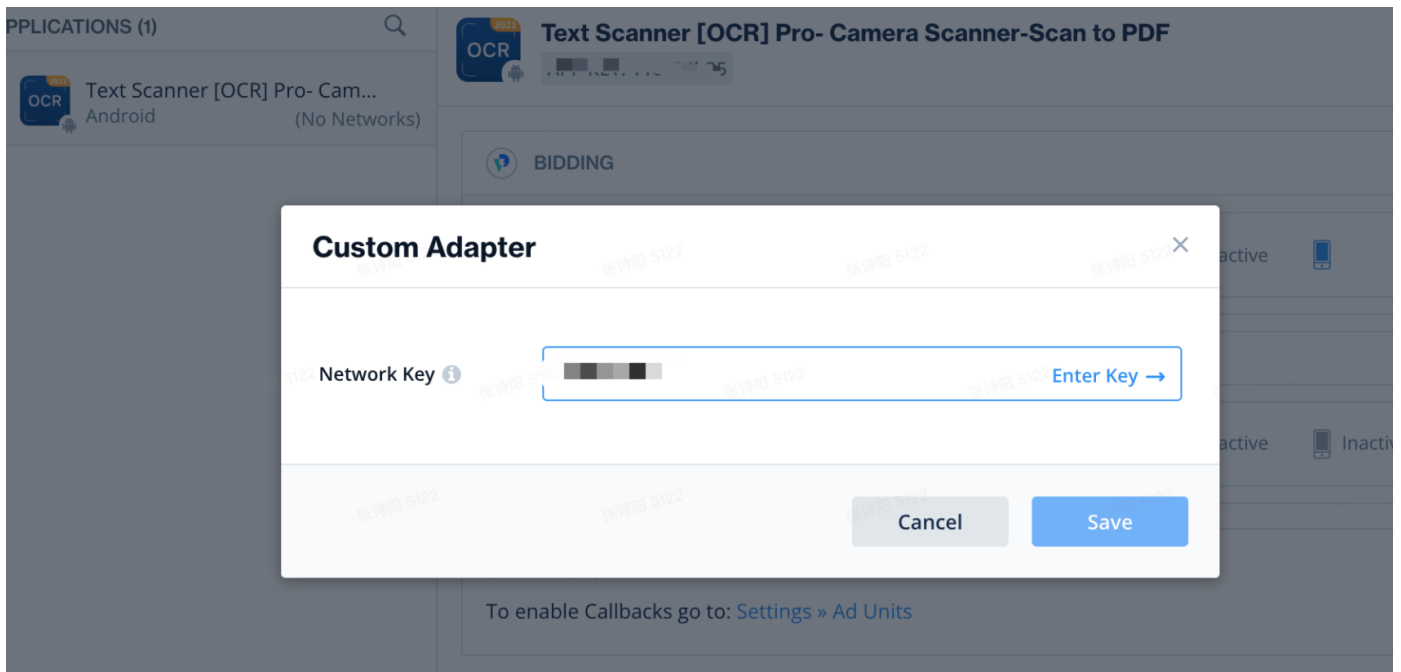
1. Log in to your ironSource account and go to Monetize > Setup > SDK Networks.

Website: ironSource (is.com)

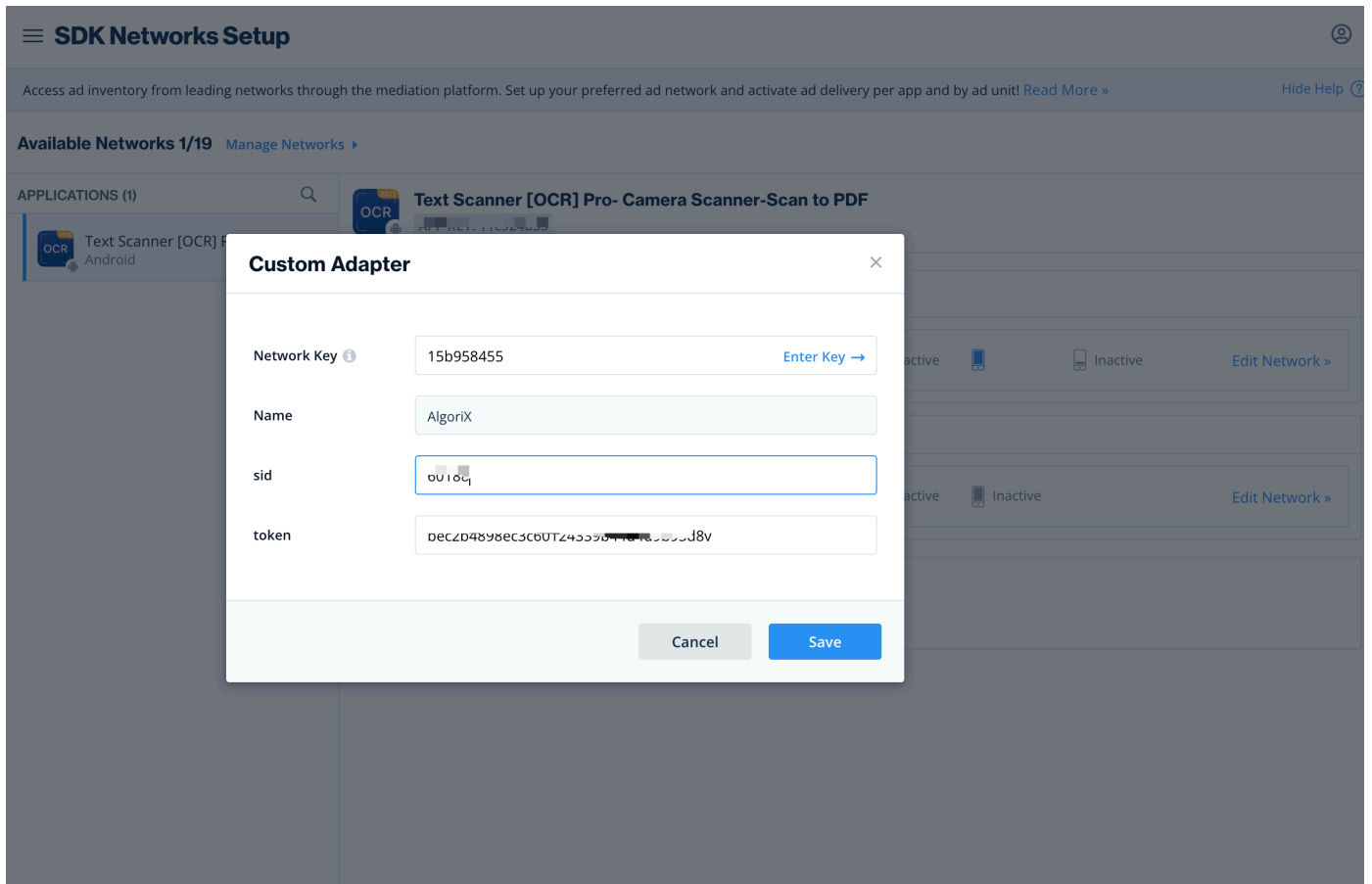
2. Click Manage Networks and select Custom Adapter at the end of the list. (If not visible, please contact your ironSource account manager to enable this for you)



3. Enter the AlgoriX network key you just applied.



4. Once the network key is recognized, you'll be able to see AlgoriX in the name field. Enter the required account level parameters such as sid and token, which are defined by AlgoriX.



## Step 5: App level setup

On the left-hand side of the SDK Networks Setup page, you will see the list of apps in your ironSource account. Select the relevant app, and scroll down to the **Custom** section to find the newly defined network. Click **Setup** to complete the network's configuration.

1. Configure the network's app and ad unit you want to serve based on your network's settings.


Access ad inventory from leading networks through the mediation platform. Set up your preferred ad network and activate ad delivery per app and by ad unit! [Read More »](#) [Hide Help ?](#)

**Available Networks 2/20** [Manage Networks »](#)


**APPLICATIONS (1)** [Search](#)

**Text Scanner [OCR] Pro- Camera Scanner-Scan to PDF**  
APP KEY: 11c924b35


**BIDDING**

	API Verified	Inactive	Inactive	<a href="#">Edit Network »</a>
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**NON BIDDING**

	API Verified	Inactive	Inactive	<a href="#">Edit Network »</a>
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**CUSTOM**

	Not Defined	Inactive	<a href="#">Setup</a>
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**CALLBACKS**  
To enable Callbacks go to: [Settings » Ad Units](#)

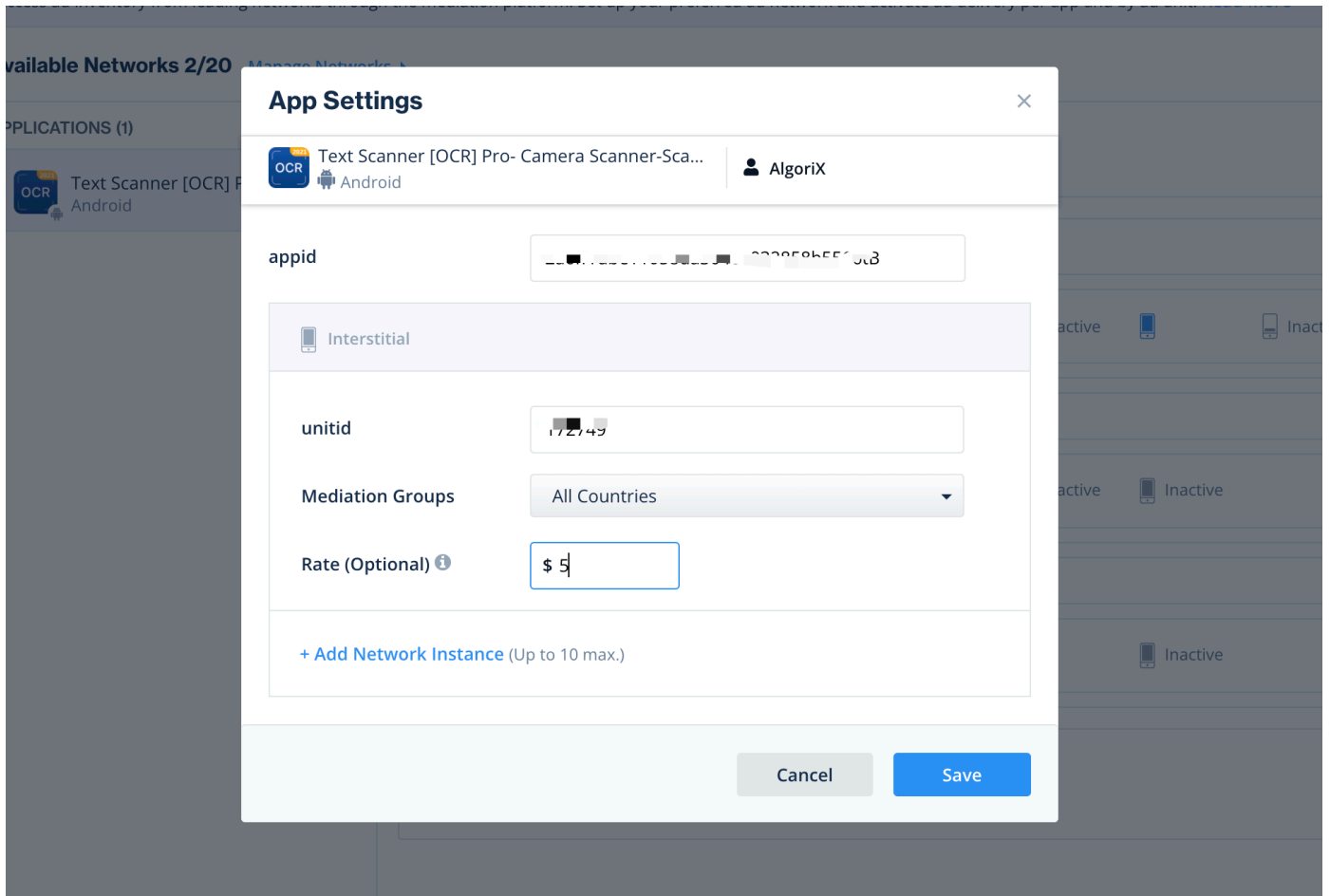


2. Make sure to define Mediation Groups and Rate for each instance.

Use **Mediation Groups** to define specific instances per specific countries.

Use **Rate** to assign a price to an instance to make sure it delivers in the order you want in your waterfall.  
Learn more about rate [here](#).

- Enter appid and unitid



- Once done, you'll see AlgoriX is added. **Make sure the status is "Active."**

MONETIZE

Dashboard + Add app

REPORTS

Performance

User Activity

Bidding

Cohorts

Report Generator

MANAGEMENT

Mediation

Segments

SETUP

Ad Units & Placements

SDK Networks

A/B

Testing

Activity Logs

PROMOTE

Access ad inventory from leading networks through the mediation platform. Set up your preferred ad network and activate ad delivery per app and by ad unit. [Read More »](#)

Available Networks 2/20 [Manage Networks >](#)

APPLICATIONS (1)

Text Scanner [OCR] Pro- Cam... Android

Text Scanner [OCR] Pro- Camera Scanner-Scan to PDF

APP KEY: 11c924b35

BIDDING

ironSource API Verified Inactive Inactive Inactive [Edit Network >](#)

NON BIDDING

ironSource API Verified Inactive [Edit Network >](#)

CUSTOM

AlgoriX API Failed (Retry)

Ad Unit	Status
Interstitial	Active

## Step 6: Testing

The last step is testing if the AlgoriX adapter is working well.

Place the AlgoriX instance at the proper place within your mediation and make sure AlgoriX has a chance to receive ad requests

MONETIZE

Dashboard + Add app

REPORTS

Performance

User Activity

Bidding

Cohorts

Report Generator

MANAGEMENT

Mediation

Segments

SETUP

Ad Units & Placements

SDK Networks

A/B

Testing

Activity Logs

PROMOTE

Knowledge Center

APPLICATIONS (1)

Text Scanner [OCR] Pro- Cam... Android

Text Scanner [OCR] Pro- Camera Scanner-Scan to...

APP KEY: 11c924b35

Rewarded Video

Interstitial

Banner

Groups (0)

Add Group

All Countries

Andorra

United Arab Emirates

Afghanistan

Antigua and Barbuda

Anguilla

Albania

Armenia

Angola

Antarctica

Argentina

American Samoa

Austria

Australia

Aruba

Aland Islands

Azerbaijan

Bosnia and Herzegovina

All Countries

There are no active bidding sources [Activate Instances](#)

Tier 1

Drag and drop ad sources

Tier 2: Sort by CPM

Rate

eCPM

Imps.

SOV

AlgoriX • Default

\$ 5

N/A

N/A

N/A

ironSource • test

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N/A

N/A

N/A

Tier 3

Drag and drop ad sources

If you need to test with the test device, please follow the ironSource integration testing process especially for the mediation testing part.

### Integration Testing - IronSource Knowledge Center

ironSource

MONETIZE

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MANAGEMENT

Mediation

Segments

SETUP

Ad Units & Placements

SDK Networks

A/B

Testing

Activity Logs

PROMOTE

Integration Testing

APPLICATIONS (1)

Text Scanner [OCR] Pro- Cam... Android

Text Scanner [OCR] Pro- Camera Scanner-Scan to PDF

APP KEY: 11c924b35

ironSource Network

Mediation Testing

This module allows you to verify the integration of mediated ad networks in your app. This way, you can test ad delivery on specific devices without affecting your live app traffic. You can also control the sequence of the mediated network's ad delivery and can add, edit or remove Test Devices (per OS) as you see fit [Read More](#)

TEST DEVICES (1)

Max. 250

New Test Device

Device Name

Rewarded Video

Interstitial

Banner

test

1c169fe8-2081-4cc9-b04e-b...

Select an Ad...

Test

Select an Ad...

Test

Select an Ad...

Tes

AlgoriX (Custom Adapter)

ironSource

ironSource Bidding

Showing rows 1-1 out of 1 entries

Rows per

1

Out of 1

< >

## Done

You've completed your custom adapters setup on the ironSource platform. If you have any questions about setting up the custom adapter, please contact your AlgoriX account manager.