

API INTEGRATION GUIDE

Mecilo Reporting API

Adjust S2S event, revenue, and attribution-group wrapper

BASE URL	REGION	VERSION
https://reporting.mecilo.com	us-central1	1.0

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1. Overview

The Mecilo Reporting API is a public HTTPS wrapper around fixed Adjust endpoints. It converts JSON requests to Adjust's form-encoded S2S format, relays a caller-supplied Adjust token, and normalizes upstream responses into JSON.

No stored credentials

The service does not keep Adjust tokens, app tokens, event tokens, or device IDs. Supply them on every request.

Route summary

Method and path	Purpose	Adjust destination
GET /health	Check service and region	No upstream call
POST /events	Report an event and optional event revenue	s2s.adjust.com/event
POST /ad-revenue	Report advertising revenue	s2s.adjust.com/ad_revenue
GET or POST /group	Resolve Organic vs non-organic A/B group	api.adjust.com/.../inspect_device

Common request rules

Send the Adjust API token as **Authorization: Bearer TOKEN**, or include **api_token** in the JSON body. For events, pass a native Adjust identifier such as **gps_adid**, **idfa**, or **adid**. Alternatively, send **device_id** plus **device_id_type**; the default type is **gps_adid**.

All object values, including **callback_params** and **partner_params**, are JSON-serialized before form encoding. The wrapper always forces **s2s=1**.

Quick health check

```
curl https://reporting.mecilo.com/health
```

```
{"ok":true,"service":"adjust-s2s-wrapper","region":"us-central1"}
```

2. Report events and event revenue

Use POST /events for standard Adjust events. Add revenue and currency to the same request when the event carries app revenue.

Required and common fields

Field	Required	Description
app_token	Yes	Adjust app token.
event_token	Yes	Adjust event token.
device identifier	Yes	gps_adid, idfa, adid, or device_id plus device_id_type.
revenue	For revenue	Amount in full currency units; Adjust minimum is 0.001.
currency	With revenue	ISO currency code, for example USD.
environment	No	production or sandbox; Adjust defaults to production.
created_at_unix	Recommended	Event time as a Unix timestamp.
callback_params	No	Flat string-to-string object for raw-data callbacks.
partner_params	No	Flat string-to-string object shared with partners.

Example: event with revenue

```
curl -X POST https://reporting.mecilo.com/events \
-H 'Content-Type: application/json' \
-H 'Authorization: Bearer $ADJUST_API_TOKEN' \
-d '{
  "app_token": "abc123abc123",
  "event_token": "evt123",
  "device_id": "660e1d86-6796-463a-be86-897993136018",
  "device_id_type": "gps_adid",
  "revenue": 1.25,
  "currency": "USD",
  "environment": "production",
  "callback_params": {"order_id": "42"}
}'
```

Successful wrapper response

```
{"ok":true,"adjust_status":200,"adjust_response":"OK"}
```

3. Report ad revenue

Use POST /ad-revenue for advertising revenue such as AdMob impression value. The wrapper defaults source to publisher and ad_impressions_count to 1 when omitted.

Required and recommended fields

Field	Required	Description
app_token	Yes	Adjust app token.
device identifier	Yes	Platform identifier or generic device_id mapping.
revenue	Yes	Ad revenue amount.
currency	Yes	Currency associated with the amount.
source	Defaulted	Defaults to publisher.
ad_impressions_count	Defaulted	Defaults to 1.
ad_revenue_network	No	Ad network name, for example AdMob.
ad_revenue_unit	No	Ad unit or format.
ad_revenue_placement	No	Placement name.

Example

```
curl -X POST https://reporting.mecilo.com/ad-revenue \
-H 'Content-Type: application/json' \
-d '{
  "api_token": "YOUR_ADJUST_API_TOKEN",
  "app_token": "abc123abc123",
  "gps_adid": "660e1d86-6796-463a-be86-897993136018",
  "revenue": 0.01,
  "currency": "USD",
  "ad_revenue_network": "AdMob",
  "ad_revenue_unit": "rewarded_video",
  "ad_revenue_placement": "home_screen"
}'
```

Token relay

Placing api_token in JSON is supported for integration convenience. The wrapper removes it from the form body and forwards it only as Adjust's Bearer header.

4. Assign an attribution group

Use /group when a device should be split by its current Adjust attribution. The wrapper calls Adjust's inspect_device endpoint and reads TrackerName.

Grouping rule

Adjust TrackerName	Response	Meaning
Organic (case-insensitive exact match)	{"ab_group": 2}	Organic user
Any other successful value	{"ab_group": 1}	Non-organic user
Adjust lookup error	Matching upstream error	No group is assigned

GET example

```
curl 'https://reporting.mecilo.com/group?app_token=abc123abc123&device_id=DEVICE_ID' \
-H 'Authorization: Bearer $ADJUST_API_TOKEN'
```

POST example

```
curl -X POST https://reporting.mecilo.com/group \
-H 'Content-Type: application/json' \
-d '{
  "api_token": "YOUR_ADJUST_API_TOKEN",
  "app_token": "abc123abc123",
  "device_id": "DEVICE_ID"
}'
```

Adjust limitation

Adjust documents inspect_device as part of its SDK testing and sandbox workflow. Confirm production access and intended usage with Adjust before making this route a production experiment dependency.

A lookup that returns HTTP 200 but has an empty or unfamiliar TrackerName is treated as non-organic and receives group 1. An upstream non-2xx response never receives a group.

5. Responses and errors

The wrapper keeps Adjust's upstream HTTP status for event and revenue requests, while returning a stable JSON envelope.

HTTP status	Source	Meaning
200	Wrapper or Adjust	Health is ready, or Adjust accepted the request.
204	Wrapper	CORS preflight accepted.
400	Wrapper	Required fields are missing; Adjust was not called.
4xx or 5xx	Adjust	Adjust rejected or could not process the request.
502	Wrapper	Network or unexpected Adjust relay failure.
504	Wrapper	Adjust did not respond inside 10 seconds.

Validation response

```
{
  "error": "Missing required fields",
  "fields": ["app_token", "event_token", "device_id", "api_token"]
}
```

Adjust relay response

```
{
  "ok": false,
  "adjust_status": 401,
  "adjust_response": {"error": "Failed to authorize request"}
}
```

Operational behavior

Setting	Value
Google Cloud region	us-central1
Runtime	Node.js 22, Cloud Functions Gen 2
Function timeout	30 seconds
Adjust request timeout	10 seconds
Memory	256 MiB
Maximum instances	3
Invocation	Public HTTPS with CORS
Persistence	None

6. Integration checklist

Use this checklist before sending production traffic.

Check	Expected result
Call GET /health	HTTP 200 and region us-central1.
Use an Adjust sandbox app/token first	No production analytics pollution.
Send events in chronological order	Adjust accepts created_at_unix values.
Send revenue with currency	Adjust records a valid monetary event.
Use the platform's preferred device ID	Attribution matches the intended device.
Test both Organic and paid devices	Groups 2 and 1 are observed respectively.
Confirm Device API production access	Adjust approves the /group use case.
Do not log request bodies in clients	Tokens and device IDs avoid client logs.

Source references

Adjust S2S events: dev.adjust.com/en/api/s2s-api/events/

Adjust S2S ad revenue: dev.adjust.com/en/api/s2s-api/ad-revenue/

Adjust Device API: dev.adjust.com/en/sdk/testing/device-api

Cloud endpoint: <https://reporting.mecilo.com/health>

Implementation package

The function source, tests, deployment instructions, and verification report are maintained in the yaoyao workspace. This guide contains no real Adjust credentials.