Unity Plugin – TradPlus

TradPlus · https://tenjin.com/zh/docs/unity-plugin-tradplus/

The Tenjin SDK can listen to TradPlus impression level revenue data and send revenue events to Tenjin.

Integration steps

1. Add the most recent TradPlus SDK version from https://docs.tradplusad.com/en/docs/doc_u3d/u3d_download/.
2. In your TradPlus impression callback, pass the impression data to Tenjin in JSON format using the `TradPlusImpressionFromJSON(string json)` method.

Code sample

TradPlus uses different key names on Android and iOS, so the payload is built per platform.

```
C#
```

```
private void OnTradPlusAdImpression(Dictionary<string, object> tpAdInfo)
{
    var payload = new Dictionary<string, object>
    {
        ["revenue"] = double.Parse(tpAdInfo["ecpm"].ToString()),
#if UNITY_IOS
        ["network_name"] = tpAdInfo["adNetworkName"],
        ["ad_unit_id"] = tpAdInfo["adunit_id"],
        ["revenue_precision"] = tpAdInfo["ecpm_precision"],
        ["format"] = tpAdInfo["adType"],
        ["segment"] = tpAdInfo["segment_id"],
        ["ab_test"] = tpAdInfo["bucket_id"],
        ["country"] = tpAdInfo["country_code"],
#else
        ["network_name"] = tpAdInfo["adSourceName"],
        ["ad_unit_id"] = tpAdInfo["tpAdUnitId"],
        ["revenue_precision"] = tpAdInfo["ecpmPrecision"],
        ["format"] = tpAdInfo["format"],
        ["segment"] = tpAdInfo["segmentId"],
        ["ab_test"] = tpAdInfo["bucketId"],
        ["country"] = tpAdInfo["isoCode"],
        ["creative_id"] = tpAdInfo["creativeId"],
#endif
    };

    Tenjin.getInstance("<SDK_KEY>").TradPlusImpressionFromJSON(JsonMapper.ToJson(payload));
}
```

Impression level revenue data parameters

Parameter	TradPlus key (Android)	TradPlus key (iOS)	Required	Example
`revenue`	`ecpm`	`ecpm`	**Yes**	2.5
`network_name`	`adSourceName`	`adNetworkName`	No	Admob
`ad_unit_id`	`tpAdUnitId`	`adunit_id`	No	id-69082
`revenue_precision`	`ecpmPrecision`	`ecpm_precision`	No	exact
`format`	`format`	`adType`	No	interstitial
`segment`	`segmentId`	`segment_id`	No	id-2
`ab_test`	`bucketId`	`bucket_id`	No	id-1

Parameter	TradPlus key (Android)	TradPlus key (iOS)	Required	Example
`country`	`isoCode`	`country_code`	No	US
`creative_id`	`creativeId`	not available	No	id-41203

Notes

- `revenue` is the **eCPM** value, not the revenue of a single impression. Pass the TradPlus `ecpm` value as-is. Tenjin divides it by 1,000 to derive the per-impression revenue. If you divide it yourself before sending, the revenue recorded in Tenjin will be 1,000 times lower than the actual value.
- TradPlus reports `ecpm` in USD.
- For the `revenue` parameter, use double type, not string type. TradPlus returns `ecpm` as a string, so convert it before sending.
- Only `revenue` is required. All other parameters are optional.
- `creative_id` is only returned for InMobi and Mintegral, and requires TradPlus Android SDK v15.0.0.1 or later.