

Usage Tracking and Reporting API Documentation

This document describes the API endpoints used for tracking and reporting usage within your application.

Base URL

```
https://api.example.com/v1
```

Authentication

All requests require an API Key sent in the `Authorization` header:

```
Authorization: Bearer YOUR_API_KEY
```

Endpoints

1. Submit Usage Event

Submit an individual usage event.

Method	POST
Endpoint	/usage/events
Request Body	<pre>{ "user_id": "string", "action": "string", "timestamp": "ISO8601 string", "details": {} }</pre>
Response	<pre>{ "success": true, "event_id": "string" }</pre>

2. Get Usage Report

Retrieve usage statistics and reports for your account.

Method	GET
Endpoint	/usage/reports

Query Parameters	<ul style="list-style-type: none">from (required): <i>string, ISO8601 date</i> â€“ Report start dateto (required): <i>string, ISO8601 date</i> â€“ Report end dateuser_id (optional): <i>string</i> â€“ Filter by user
Response	<pre>{ "report": [{ "user_id": "string", "actions": [{ "action": "string", "count": 0 }] }] }</pre>

Error Codes

Status Code	Description
400	Bad Request
401	Unauthorized
404	Not Found
500	Server Error

Sample Request

```
POST /v1/usage/events HTTP/1.1  
Host: api.example.com  
Authorization: Bearer YOUR_API_KEY  
Content-Type: application/json  
{  
  "user_id": "123456",  
  "action": "login",  
  "timestamp": "2024-06-05T10:15:30Z",  
  "details": {}  
}
```