

OutThink Analytics API

Connection details

BaseUrl: `https://api.outthink.io/analytics/v1`

Authentication

All requests must include both a client identification header and authorization api key. They identify the caller tenant and authorize access to the API sub-sections respectively.

Client identification: `OT-Customer-Id: {uniqueValue}`

Authorization: `Authorization: Bearer {apiKey}`

Please ensure the Bearer scheme is set.

The unique client identification header and a set of primary/secondary api keys will get provided by the OutThink Team.

Failure to include some of these headers, or using invalid values will trigger a **400** response with one of the following codes:

- `missing_customer_id_header`
- `invalid_customer_id_header`
- `missing_authorization_header`
- `invalid_authorization_header`

Rate Limiting

Each individual client (as identified by the value on *OT-Customer-Id*) is allowed up to 10 requests per second on the api.

Going above that will trigger a 429 response with a recommended wait time.

Endpoints

Paging

Paging on the API is controlled by skip/take query parameters.

These parameters are optional, but they should be provided in all paged requests (unless only the default results set is required).

Skip rules:

- If not present, defaults to 0.
- Minimum value is 0, if a value lower than this is provided, skip will be set to 0.
- No upper limit.

Take rules:

- If not present, defaults to 10.
- Minimum value is 1, if a value lower than this is provided, take will be set to 1.
- Maximum value is 100, if a value greater than this is provided, take will be set to 100.

Data validation and error responses

Unless explicitly specified in an operation, all argument names, filtering attributes, etc., must be considered **case-insensitive**.

Some endpoints may have mandatory and/or optional parameters. If a value doesn't pass validation, or is missing in a mandatory parameter, it will trigger a **400 BAD REQUEST** response with the following payload:

```
{
  "code": "missing_parameter",
  "field": "orgId",
  "reason": "Required parameter 'orgId' not supplied in the request"
}
```

- **code**: Unique error code.
- **field**: Name of the argument or field that caused the error.
- **reason**: Human-friendly description, in english text. Might change without warning or not be unique between different errors, always rely on **code** for error identification.

Common error codes thrown during data validation:

- **missing_parameter**: Mandatory parameter not included in the request.
- **invalid_parameter**: Parameter was not in the proper format

Server errors

All requests will contain a '*Correlation-Id*' response header with a unique value for each request. If you encounter any unexpected **500** errors, please attach this value to any support tickets raised with the support team.

If the incoming request already contains a *Correlation-Id* header, the api will return the client-supplied value as the *Client-Correlation-Id* response header.

Campaigns

List campaigns

Lists all available campaigns (attack simulations and training).

GET: /campaigns

Parameters:

- **skip**: see *Paging* section.

- **take**: see *Paging* section.
- **targetOrgId**: Optional, only returns campaigns which **targetOrgId** property matches the provided value. Must be a valid GUID in string form.
- **status**: Optional, only returns campaigns which **status** property matches the provided value. Must be a valid campaign status: **notStarted**, **scheduled**, **inProgress**, **completed**

Responses:

200 OK:

```
{
  "total": 999,
  "skip": 0,
  "take": 1,
  "values": [
    {
      "id": "e7c0adab-d2ea-4f32-930c-0726c16524fc",
      "name": "TEST",
      "type": "instant",
      "status": "completed",
      "engagedUsers": 0,
      "startedAt": "2023-02-24T00:00:00",
      "endedAt": "2023-03-03T00:00:00",
      "targetOrgId": "838af527-dddd-41e4-9a51-0075aa62f76f",
      "deliveryMethod": "headless",
      "createdAt": "2023-02-24T08:33:53.7242228",
      "passFailEnabled": false,
      "passFailScore": null,
      "passFailAttempts": null
    }
  ]
}
```

Additional data:

- **type**: Can be one of the following: **instant**, **curriculum**, **attackSimulation**.
- **status**: Can be one of the following: **notStarted**, **scheduled**, **inProgress**, **completed**.
- **deliveryMethod**: Can be one of the following: **headless**, **externalLMS**.

Training Campaigns

Get training campaign summary

Get the basic summary stats for a training campaign.

GET: `/trainingCampaigns/{trainingCampaignId}`

Parameters:

- **trainingCampaignId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any training campaigns matching the value of `trainingCampaignId`.

200 OK:

```
{
  "id": "c250a670-be89-42d5-a593-676de0aff226",
  "name": "My Awareness Training",
  "activeUsers": 3,
  "totalUsers": 3,
  "avgEngagement": 0.62,
  "avgKnowledge": 0.9583333333333333,
  "avgTimeSpent": 2205,
  "activeNoAction": 0,
  "activeAcknowledged": 0,
  "activeInProgress": 1,
  "activeCompleted": 2,
  "activeFailed": 0,
  "totalNoAction": 0,
  "totalAcknowledged": 0,
  "totalInProgress": 1,
  "totalCompleted": 2,
  "totalFailed": 0
}
```

Get Training Campaign Users

List all users enrolled in a training campaign.

GET: `/trainingCampaigns/{trainingCampaignId}/users`

Parameters:

- `trainingCampaignId`: Mandatory, must be a GUID in string form.
- `skip`: see *Paging* section.
- `take`: see *Paging* section.
- `trainingStatus`: Optional, only returns users which `status` property matches the provided value. Must be a valid campaign status: `noAction`, `notStarted`, `scheduled`, `inProgress`, `completed`

Responses:

404 NOT FOUND: Couldn't find any training campaigns matching the value of `trainingCampaignId`.

200 OK:

```
{
  "total": 999,
  "skip": 0,
  "take": 1,
}
```

```

"values": [
  {
    "userId": "62d50101-09bb-4d35-b446-1afbf0098f56",
    "userSourceIdentifier": "maverick@topgun.com",
    "status": "active",
    "department": "Pilots",
    "country": "ES",
    "trainingStatus": "completed",
    "engagementScore": 0.54,
    "knowledgeScore": 0.9166666666666666,
    "productivityScore": 0.8,
    "intentionToComplyScore": 0.75,
    "selfEfficacyScore": 0.8
  },
]
}

```

Additional data:

- **trainingStatus**: Can be one of the following: `noAction`, `notStarted`, `scheduled`, `inProgress`, `completed`.

Get Training Campaign User Details

Get allocation details for a user in a training campaign.

GET: `/trainingCampaigns/{trainingCampaignId}/users/{userId}`

Parameters:

- **trainingCampaignId**: Mandatory, must be a GUID in string form.
- **userId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any training campaigns matching the value of `trainingCampaignId` or couldn't find any users matching the value of `userId`.

200 OK:

```

{
  "modules": [
    {
      "moduleId": "00000000-0000-0000-0000-000000000000",
      "moduleName": "-",
      "moduleStatus": "completed",
      "completedAt": "2023-02-27T09:54:30.4861238",
      "timeSpentSeconds": 1342,
      "rating": null,
      "commentId": null
    }
  ],
}

```

```
"attempts": [],
"enrolledAt": "2023-02-27T09:23:31.1129908",
"startedAt": "2023-02-27T09:23:31.1129908",
"lastAccessedAt": "2023-02-27T10:31:48.551",
"completedAt": "2023-03-11T08:02:44.1008698",
"userId": "62d50101-09bb-4d35-b446-1afbf0098f56",
"userSourceIdentifier": "maverick@topgun.com",
"status": "active",
"department": "Pilots",
"country": "ES",
"trainingStatus": "completed",
"engagementScore": 0.54,
"knowledgeScore": 0.9166666666666666,
"productivityScore": 0.8,
"intentionToComplyScore": 0.75,
"selfEfficacyScore": 0.8
}
```

Additional data:

- **moduleStatus**: Can be one of the following: `notStarted`, `inProgress`, `completed`, `failed`.

Get Training Campaign Bulk Users

Get a bulk report (csv format) for all the enrolled users in a training campaign.

GET: `/trainingCampaigns/{trainingCampaignId}/users/bulk`

Parameters:

- **trainingCampaignId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any training campaigns matching the value of `trainingCampaignId`.

200 OK:

Csv file download with the following format:

```
TrainingStatus,EnrolledAt,StartedAt,LastAccessedAt,CompletedAt,TimeTaken,Dashboard
Url,CampaignId,EngagementScore,KnowledgeScore,ProductivityScore,IntentionToComplySc
ore,SelfEfficacyScore,ManagerSourceIdentifier,Status,Department,BusinessUnit,Count
ry,JobRole,UserSourceIdentifier,UserId
```

File download can be unavailable for campaigns that have been running for less than 24h.

Get Training Campaign Comments

Get a bulk report (csv format) for all the feedback comments users left in a training campaign.

GET: /trainingCampaigns/{trainingCampaignId}/feedbackComments

Parameters:

- **trainingCampaignId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any training campaigns matching the value of **trainingCampaignId**.

200 OK:

Csv file download with the following format:

```
FeedbackId,ModuleId,CampaignId,Comment,TranslatedComment,LanguageCode,Sentiment,ProcessedAt,UserSourceIdentifier,UserId
```

File download can be unavailable for campaigns that have been running for less than 24h.

Attack Simulations

Get Attack Simulation Summary

Get the basic summary stats for an attack simulation campaign.

GET: /attackSimulations/{attackSimulationId}

Parameters:

- **attackSimulationId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any attack simulation campaigns matching the value of **attackSimulationId**.

200 OK:

```
{
  "id": "c250a670-be89-42d5-a593-676de0aff226",
  "name": "My Phishing Training",
  "resiliencyRate": 0.42,
  "activeUsers": 3,
  "totalUsers": 3,
  "activeOpened": 0,
  "activeClicked": 1,
  "activeReported": 2,
  "activeCredCaptured": 0,
  "totalOpened": 0,
  "totalClicked": 1,
  "totalReported": 2,
```

```
"totalCredCaptured": 0,  
}
```

Get Attack Simulation Campaign Users

List all users enrolled in an attack simulation campaign.

GET: `/attackSimulations/{attackSimulationId}/users`

Parameters:

- `attackSimulationId`: Mandatory, must be a GUID in string form.
- `skip`: see *Paging* section.
- `take`: see *Paging* section.
- `simulationStatus`: Optional, only returns users which `simulationStatus` property matches the provided value. Must be a valid campaign status: `noAction`, `clicked`, `credentialsCaptured`, `reported`

Responses:

404 NOT FOUND: Couldn't find any attack simulation campaigns matching the value of `attackSimulationId`.

200 OK:

```
{  
  "total": 999,  
  "skip": 0,  
  "take": 1,  
  "values": [  
    {  
      "userId": "62d50101-09bb-4d35-b446-1afbf0098f56",  
      "userSourceIdentifier": "maverick@topgun.com",  
      "status": "active",  
      "department": "Pilots",  
      "country": "ES",  
      "simulationStatus": "clicked"  
    },  
  ]  
}
```

Additional data:

- `simulationStatus`: Can be one of the following: `noAction`, `notStarted`, `scheduled`, `inProgress`, `completed`.

Get Attack Simulation Campaign User Details

Get allocation details for a user in a training campaign.

GET: /attackSimulations/{attackSimulationId}/users/{userId}

Parameters:

- **attackSimulationId**: Mandatory, must be a GUID in string form.
- **userId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any attack simulation campaigns matching the value of **attackSimulationId** or couldn't find any users matching the value of **userId**.

200 OK:

```
{
  "userId": "62d50101-09bb-4d35-b446-1afbf0098f56",
  "userSourceIdentifier": "maverick@topgun.com",
  "status": "active",
  "department": "Pilots",
  "country": "ES",
  "simulationStatus": "clicked",
  "emailSentAt": "2023-02-27T09:23:31.1129908Z",
  "opened": true,
  "openedAt": "2023-02-27T09:23:31.1129908Z",
  "clicked": true,
  "clickedAt": "2023-02-27T09:23:31.1129908Z",
  "credentialsEntered": false,
  "credentialsEnteredAt": null,
  "credentialsCaptured": false,
  "credentialsCapturedAt": null,
  "reported": false,
  "reportedAt": null,
  "landingPageDurationSeconds": 42
}
```

Get Attack Simulation Campaign Bulk Users

Get a bulk report (csv format) for all the enrolled users in an attack simulation campaign.

GET: /attackSimulations/{attackSimulationId}/users/bulk

Parameters:

- **attackSimulationId**: Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any attack simulation campaigns matching the value of **attackSimulationId**.

200 OK:

Csv file download with the following format:

```
EmailSentAt,Opened,OpenedAt,Clicked,ClickedAt,CredentialsEntered,CredentialsEnteredAt,CredentialsCaptured,CredentialsCapturedAt,Reported,ReportedAt,LandingPageDurationSeconds,SimulationStatus,ManagerSourceIdentifier,Status,Department,BusinessUnit,Country,JobRole,UserSourceIdentifier,UserId
```

File download can be unavailable for campaigns that have been running for less than 24h.

Get Attack Simulation Campaign Comments

Get a bulk report (csv format) for all the feedback comments users left in the landing page of an attack simulation campaign.

GET: `/attackSimulations/{attackSimulationId}/feedbackComments`

Parameters:

- **attackSimulationId:** Mandatory, must be a GUID in string form.

Responses:

404 NOT FOUND: Couldn't find any attack simulation campaigns matching the value of `attackSimulationId`.

200 OK:

Csv file download with the following format:

```
FeedbackId,ModuleId,CampaignId,Comment,TranslatedComment,LanguageCode,Sentiment,ProcessedAt,UserSourceIdentifier,UserId
```

File download can be unavailable for campaigns that have been running for less than 24h.