[External] Dubbed Translations API

📌 The Dubbed Translations API provided by TikTok For Business is in Alpha. If you would like access to this API, register and be approved as a developer through the developer portal and contact your TikTok representative to be allowlisted to use the Dubbed Translations API endpoints. At this time, we will be enrolling a limited number of developers and will be approving more applications in a phased timeline.

This documentation is private and confidential and intended for use only by partners and advertisers who are participating in the alpha program.

Please do not circulate or reproduce this documentation without the consent of the TikTok API for Business team. If you are not the intended user, you may not disclose or use the information in this documentation in any way.

Legal requirements for developers

This section sets forth the legal disclaimers that developers will need to implement when using TikTok's Creative GenAI API Tools. Note that failure to comply with these requirements is a violation of TikTok's Developer Terms and may result in temporary or permanent suspension of your access to TikTok's Developer API Tools.

Requirement
At any point in the user interface where an end user can upload any assets for use in AI-generation, developers must include a notice prior to uploading informing the end user of the following: *By uploading assets, you confirm that you have the necessary legal rights to these assets, the assets do not include any user generated content, and you are authorized to grant TikTok permission to scan and modify the assets. You may not upload any assets that would violate TikTok's Ad Policies or Community Guidelines.*
At any point in the user interface where an end user can download any AI-generated assets offline, developers must include a notice prior to downloading informing the end user of the following: *If you choose to download and edit any output, you agree that such output can only be shared or published on TikTok-branded platforms, and that you will not intentionally remove or modify any watermarks contained therein.*

Every time an end user first selects a video to be dubbed and prior to initiating an initial API call for that video, developers must include a notice that requires the end user to agree to the following via checkbox or other affirmative action by the end user:

> *By clicking "Generate," you confirm: that you have the necessary legal rights to the video(s) and from any individual(s) appearing in the video(s); the videos do not include any unauthorized user generated content; the individual(s) are age 18 or older; the individual(s) are not residents of or physically located in Illinois or Texas; and you are authorized to grant TikTok permission to scan and modify the assets. You may not upload any assets that would violate TikTok's [Ad Policies](#) or [Community Guidelines](#).*

Change Log

Date	Product Update	Endpoint Details
December 2024	**Enhanced AIGC video categorization** with: • New request filters: `aigc_video_type` and `aigc_video_types` • New response parameter: `aigc_video_type` These additions enable clear identification of dubbed videos within your AIGC content portfolio, facilitating efficient content organization and discovery.	• /v1.3/creative/aigc/video/task/list/ • /v1.3/creative/aigc/video/list/
October 2024	**Improve Dubbed Videos with Lipsyncing**: Enhance your dubbed videos with lipsyncing via the new request parameter `lipsync_enabled`, providing a better user experience for your audience.	• /v1.3/creative/aigc/video/task/create/
September 2024	Alpha launch of Dubbed Translations API.	• /v1.3/creative/aigc/video/task/create/ • /v1.3/creative/aigc/video/task/list/ • /v1.3/creative/aigc/video/list/

Overview

Dubbed Translations API leverages AI technologies to transform video content across language barriers, opening new horizons in global communication and content distribution. As a key component of TikTok API for Business's Generative AI suite, this solution combines speech recognition, machine translation, and voice synthesis to automate the video dubbing process. The benefits of using AI-driven dubbed translations in video production include:

- **Fast video localization**: Rapidly adapt video content for international audiences without the need for traditional dubbing studios or voice actors, significantly reducing time-to-market for global content strategies.
- **Customization**: Customize various aspects of your dubbed video, including the video name, subtitles, and specific segments of translated texts. This provides you with extensive control over translated content, ensuring an individualized viewing experience while maintaining the content's original intent and style.
- **Scalability**: Generate dubbed versions in multiple languages, enabling content creators and marketers to reach diverse audiences with minimal additional effort.

By integrating the Dubbed Translations API into your workflow, you can streamline the process of creating multilingual video content and deliver linguistically resonant messages to audiences worldwide.

Get Started

1. **Allowlist**
1. This feature is currently an allowlist-only feature. If you would like to access it, please contact your TikTok representative.
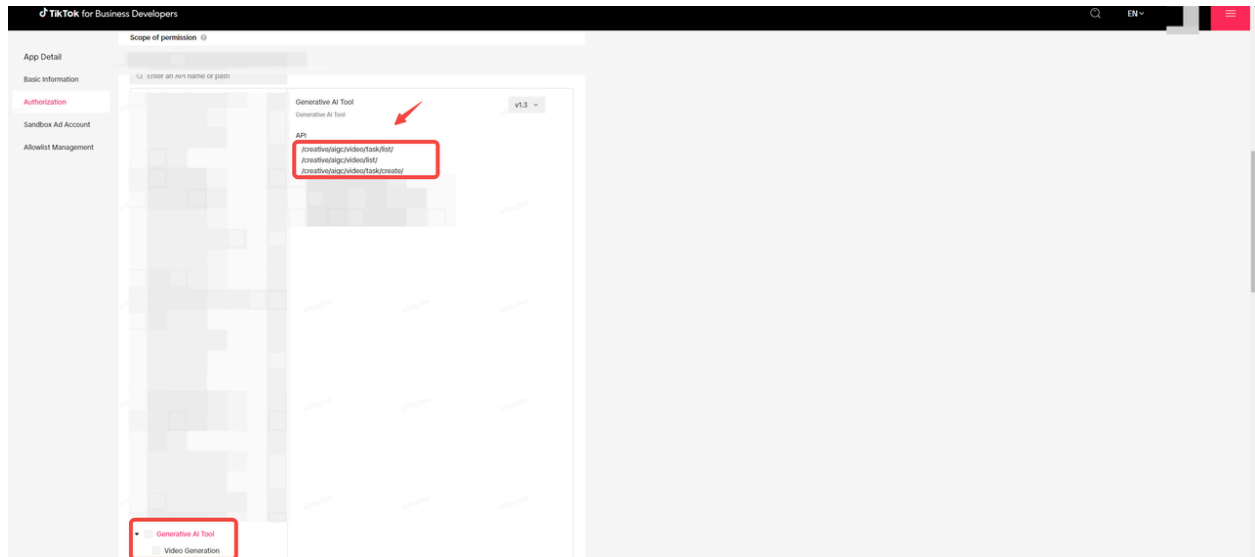
Step-by-step onboarding workflow
If you are new to API for Business, complete the following steps before making your first API call.

1. [Create a TikTok For Business account](#).
2. [Register as a developer](#).
3. [Create a developer app](#).
4. [Authorization](#).
5. [Authentication](#).
6. Make your first API call.

1. **Permission**
1. Ensure you have the **Generative AI Tool** > **Video Generation** permission to use the Dubbed Translations API. To learn about how to update your developer app permission, see [here](#).

1. **QPS limit**

1 QPS (query per second) for each Dubbed Translations endpoint per developer app.

Workflow

To generate dubbed videos, follow the following steps:

1. **Create asynchronous dubbed video tasks** using [/creative/aigc/video/task/create/](#).
2. **Check the results of dubbed video tasks** using [/creative/aigc/video/task/get/](#). Confirm the `status` of each task is `SUCCESS`.
3. **Access dubbed videos** using [/creative/aigc/video/list/](#). Download the dubbed videos from the returned `preview_url`.

API Reference

Dubbed translation is an AI-powered process that automatically translates and recreates the audio of a video in a different language. Utilizing dubbed translations for video content allows for

quick and efficient localization of videos for international audiences. With the Dubbed Translations API, you gain access to AI-driven dubbing capabilities and the ability to generate multilingual versions of your video content.
This group consists of the following endpoints:

- [Create dubbed video tasks](#)
- [Get the results of dubbed video tasks](#)
- [Get dubbed videos](#)

Create dubbed video tasks

Use this endpoint to create one or more asynchronous dubbed video tasks.
After you create the tasks, call [/creative/aigc/video/task/get/](#) to check the task results. The time required to process each dubbed video task may vary based on the original video duration. If the original video duration is one minute, the processing time is usually around one hour.

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/creative/aigc/video/task/create/
Method POST
Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see [Authentication](#).
Content-Type Required	string	Request message type. Allowed value: `application/json`.

Parameters

Field	Data Type	Description
aigc_video_type Required	string	The type of AI-generated content (AIGC) video to create. Enum values: ● `DUBBING`: a dubbed version of the original video.

dubbing_video_info Conditional	object[]	Required when `aigc_video_type` is `DUBBING`. An array of objects containing information about the materials used to create dubbed video tasks. Each object in this array represents one dubbed video to be created. Max size: 5.
video_url Conditional	string	Required when `dubbing_video_info` is passed. A publicly accessible HTTP or HTTPS URL pointing to the original video file. Video specifications: ● Duration: : 1 - 600 seconds (recommended: 120 seconds or less) ● Recommended file size: 200 MB or less. Verification: ● We will verify `Content-Type` in the response header. A common invalid media type is text (`Content-Type` = text/*, such as text/html and text/plain). Also, we will verify the data if you set a `Content-MD5` in the response header. ● Make sure that the video URL is playable and in a supported format. If the URL is invalid or in an unsupported format, such as txt., you might see an error message. Example: `"https://example.com/video.mp4"`.

target_languages Conditional	string[]	Required when `dubbing_video_info` is passed. A list of languages for dubbing the video. ● If you specify custom translated texts via the parameter `scripts`, set this field to the language of the custom translated texts. ● If no custom translated texts are provided, set this field to the desired dubbing language. Enum values: ● `ar`: Arabic. ● `en`: English. ● `fr`: French. ● `de`: German. ● `id`: Indonesian. ● `it`: Italian. ● `ja`: Japanese. ● `ko`: Korean. ● `pt`: Portuguese. ● `es`: Spanish. ● `th`: Thai. ● `tr`: Turkish. ● `vi`: Vietnamese. Max size: 1.
lipsync_enabled	boolean	Whether to enable lip-sync for the dubbed video. Supported values: `true`, `false`. Default value: `false`. **Note**: ● Lip-sync is not supported when there are multiple people talking, lips are covered, lighting conditions are abnormal, or there are background noises unrelated to the people in the frame. ● Adding lip-sync will add an additional 5-10 minutes in generation time.
video_name	string	A custom name for the dubbed video. Length limit: 50 characters. Duplicate names are allowed for different dubbed videos.

		If not specified, this video name will default to {aigc_video_type}-{YYYYMMDDHHMMSS}-{three random characters}. Example: "DUBBING-20240101000001-cDc".
subtitle_enabled	boolean	Whether to display subtitles in the dubbed video. Enum values: true, false. Default value: false. When this field is set to true, auto-generated subtitles will be displayed at the bottom of the video. These subtitles will appear with a white background and black text.
scripts	object[]	A list of custom translated texts for the dubbed video. If this field is not specified, the system will use auto-translated text as the video script.
text	string	The translated text for a specific segment of the video.
text_start_time	double	The start time of the translated script segment, in milliseconds. The start time should be within video duration.
text_end_time	double	The end time of the translated script segment, in milliseconds. The end time should be after the start time and within video duration. For instance, if the video is 1,000 milliseconds long and text_start_time is 500, the value of text_end_time should be greater than 500 and no more than 1,000.

Example

```
Unset
curl --location  --request POST
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/vide
o/task/create/' \
--header 'Content-Type: application/json' \
--header 'Access-Token: {{Access-Token}}' \
--data '{
    "aigc_video_type": "DUBBING",
    "dubbing_video_info": [
        {
            "video_url": "{{video_url}}",
```

```
                "target_languages":["fr"],
                "video_name": "{{video_name}}",
                "subtitle_enabled": true
        },
        {
                "video_url": "{{video_url}}",
                "target_languages":["en"],
                "video_name": "{{video_name}}",
                "subtitle_enabled": true
        }
    ]
 }'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes.
message	string	Response message. For details, see Appendix - Return Codes.
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
task_ids	string[]	The ID list of the AIGC video tasks.

Example

```
Unset
HTTPS/1.1 200 OK
{
    "code": 0,
    "message": "OK",
    "request_id": "{{request_id}}",
```

```
    "data": {
        "task_ids": [
            "{{task_id}}",
            "{{task_id}}"
        ]
    }
}
```

Get the results of dubbed video tasks

Use this endpoint to retrieve the results of one or more dubbed video tasks.

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/creative/aigc/video/task/list/
Method GET
Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication.

Parameters

Field	Data Type	Description
task_ids Required	string[]	The ID list of AIGC video tasks to retrieve the results for. Max size: 5. To create AIGC video tasks and obtain the task IDs, use /creative/aigc/video/task/create/.
aigc_video_type	string	The type of AIGC video to filter the results by. Enum value: ● DUBBING: A dubbed version of the original video.

Example

```
curl --location  --request GET
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/vide
o/task/list/?task_ids=["{{task_id}}","{{task_id}}"]&aigc_video_ty
pe=DUBBING' \
--header 'Access-Token: {{Access-Token}}'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes.
message	string	Response message. For details, see Appendix - Return Codes.
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
list	object[]	Information about the list of AIGC video tasks.
task_id	string	The ID of the AIGC video task.
aigc_video_type	string	The type of AIGC video. Enum value: ● DUBBING: A dubbed version of the original video.
status	string	The status of the AIGC video task. Enum values: ● SUBMITTED: The task was submitted and has not been processed. ● PROCESSING: The task is being processed. ● SUCCESS: The task succeeded. ● FAILED: The task failed.

error_msg	string	The reason for the task failure. When `status` is `FAILED`, this field will return the error message. When `status` is `SUBMITTED`,`PROCESSING`, or `SUCCESS`, this field will not be returned.
video_id	string	The ID of the generated AIGC video. If `status` is `SUBMITTED` , `PROCESSING` or `FAILED`, this field will not be returned. **Note**: This value of this field cannot be passed to `video_ids` in /file/video/ad/search/ or /file/video/ad/info/ directly because by default AIGC videos are not synced to the Asset Library of an ad account.
video_name	string	The name of the generated AIGC video.
preview_url	string	The preview URL of the generated AIGC video. Validity period: 30 days. After the URL expires, you need to create a new video task to obtain a new preview URL. If `status` is `SUBMITTED` , `PROCESSING` or `FAILED`, this field will not be returned.

Example

```
Unset
HTTPS/1.1 200 OK
{
    "code": 0,
    "message": "OK",
    "request_id": "{{request_id}}",
    "data": {
        "list": [
            {
                "aigc_video_type": "DUBBING",
                "error_msg": "This content may violate TikTok's
guidelines. Please update the uploaded video to proceed.",
                "status": "FAILED",
                "task_id": "{{task_id}}",
                "video_name": "{{video_name}}"
```

```
            },
            {
                "aigc_video_type": "DUBBING",
                "preview_url": "{{preview_url}}",
                "status": "SUCCESS",
                "task_id": "{{task_id}}",
                "video_id": "{{video_id}}",
                "video_name": "{{video_name}}"
            }
        ]
    }
}
```

Get dubbed videos

Use this endpoint to retrieve the list of dubbed videos under your TikTok For Business account.

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/creative/aigc/video/list/
Method GET
Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication.

Parameters

Field	Data Type	Description
aigc_video_types	string[]	The type of AIGC video to filter the results by. Enum value: ● DUBBING: A dubbed version of the original video.

Example

```
Unset
curl --location --request GET
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/vide
o/list/?aigc_video_types=["DUBBING"]' \
--header 'Access-Token: {{Access-Token}}'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see [Appendix - Return Codes](#).
message	string	Response message. For details, see [Appendix - Return Codes](#).
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
list	object[]	The list of AIGC videos within the TikTok For Business account.
aigc_video_type	string	The type of AI-generated content (AIGC) video. Enum value: ● `DUBBING`: A dubbed version of the original video.
video_id	string	The ID of the AIGC video.
video_name	string	The name of the AIGC video. If not specified during video task creation, the video name will default to {`aigc_video_type`}-{`YYYYMMDDHHMMSS`}-{three random characters}. Example: `"DUBBING-20240101000001-cDc"`.
create_time	string	The time when the AIGC video was created, in the format of `"YYYY-MM-DD HH:MM:SS"` (UTC time). Example: `"2024-01-01 00:00:01"`.

preview_url	string	The preview URL of the AIGC video. Validity period: 30 days. After the URL expires, you need to create a new video task to obtain a new preview URL.
dubbing_info	object	Returned only for a dubbed video. Information about the original video and the dubbed video.
original_scripts	object[]	A list of the original script segments for the original video. **Note**: If you specified custom translated script segments via `scripts` when creating the video task using /creative/aigc/video/task/create/, this field will return the custom translated script segments instead. In such cases, the values of `original_scripts` and `translated_scripts` will be the same.
text	string	An original script segment.
text_start_time	double	The start time of the original script segment in milliseconds.
text_end_time	double	The end time of the original script segment in milliseconds.
translated_scripts	object[]	A list of the translated script segments for the dubbed video. If you specified custom translated script segments via `scripts` when creating the video task using /creative/aigc/video/task/create/, this field will return the custom translated script segments. If you didn't pass `scripts` when creating the video task, this field will return the auto-translated script segments.
text	string	A translated script segment.
text_start_time	double	The start time of the translated script segment, in milliseconds.
text_end_time	double	The end time of the translated script segment, in milliseconds.

target_language	string	The language of the dubbed video. Enum values:
		- ar: Arabic. - en: English. - fr: French. - de: German. - id: Indonesian. - it: Italian. - ja: Japanese. - ko: Korean. - pt: Portuguese. - es: Spanish. - th: Thai. - tr: Turkish. - vi: Vietnamese.

Example

```
Unset
HTTP/1.1 200 OK
{
    "code": 0,
    "message": "OK",
    "request_id": "{{request_id}}",
    "data": {
        "list": [
            {
                "aigc_video_type": "DUBBING",
                "create_time": "{{create_time}}",
                "dubbing_info": {
                    "original_scripts": [
                        {
                            "text": "{{text}}",
                            "text_end_time": 20000,
                            "text_start_time": 0
                        },
                        {
                            "text": "{{text}}",
```

```json
                    "text_end_time": 40000,
                    "text_start_time": 20001
                }
            ],
            "target_language": "fr",
            "translated_scripts": [
                {
                    "text": "{{text}}",
                    "text_end_time": 20000,
                    "text_start_time": 0
                },
                {
                    "text": "{{text}}",
                    "text_end_time": 40000,
                    "text_start_time": 20001
                }
            ]
        },
        "preview_url": "{{preview_url}}",
        "video_id": "{{video_id}}",
        "video_name": "{{video_name}}"
    },
    {
        "aigc_video_type": "DUBBING",
        "create_time": "{{create_time}}",
        "dubbing_info": {
            "original_scripts": [
                {
                    "text": "{{text}}",
                    "text_end_time": 8934,
                    "text_start_time": 525
                },
                {
                    "text": "{{text}}",
                    "text_end_time": 29670,
                    "text_start_time": 9728
```

```
                    }
                ],
                "target_language": "en",
                "translated_scripts": [
                    {
                        "text": "{{text}}",
                        "text_end_time": 8934,
                        "text_start_time": 525
                    },
                    {
                        "text": "{{text}}",
                        "text_end_time": 29670,
                        "text_start_time": 9728
                    }
                ]
            },
            "preview_url": "{{preview_url}}",
            "video_id": "{{video_id}}",
            "video_name": "{{video_name}}"
        }
    ]
  }
}
```