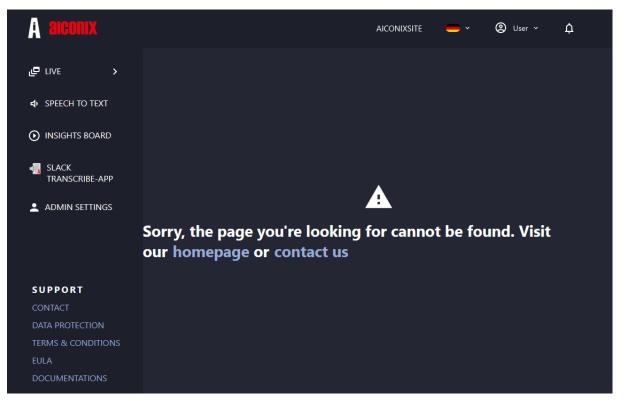


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Functionalities of the aiconix live frontend

The aiconix live frontend is reachable under https://live.v2.aiconix.cloud/api/admin/. Access required login credentials that can be obtained by your aiconix support.



The initial page shows the overview over all products - to be completed.





A alconix			AICONIXSITE	— •	Output User	~ ¢	
🖉 LIVE 🗸 🗸	liveDashboard ⑦						
ENDPOINTS DICTIONARIES							
OUTPUT CONFIGURATION	streamingJobs					£y <u> </u>	Ł
• INSIGHTS BOARD	started	streamedJob		duration	format	language	
🛃 SLACK TRANSCRIBE-APP	2021-10-21T12:21:22Z	/ep_prof_moriarty-de/t		00:02:05	flv	de	
ADMIN SETTINGS	2021-10-21T12:11:14Z	/ep_video_pull_try-de/t		00:10:00	flv	de	
SUPPORT CONTACT	2021-10-21T12:08:39Z	/ep_video_pull_try-de/t		00:01:32	flv	de	
DATA PROTECTION TERMS & CONDITIONS EULA	2021-10-21T12:05:15Z	/ep_video_pull_try-de/		00:02:51	flv	de	
DOCUMENTATIONS	2021-10-21T12:01:06Z	/ep_video_tryout-de/		00:03:51	flv	de	

The tabs on the left side allow swapping though the aiconix products. However so far only live is accessible here.

Under "LIVE" three tabs are available:

- Endpoints allows setup and selection of configuration for endpoints to stream to
- Dictionaries allows setup of dictionaries to be used in endpoint configurations and increase recognition of specific words
- Output configuration allows the relevant settings and configurations for endpoints

General process

To start the live transcription service please stream to aiconix-base url:

rtmp://live.v2.aiconix.cloud/ specifying an endpoint, the transcription language and the predefined stream-key. Example: rtmp://live.v2.aiconix.cloud/endpoint-de/streamkey. The incoming video-stream is then decoded and transcribed. The resulting output stream depends on the predefined configurations. It can either be provided as video-pull, video-push or text-push.

Description of options for endpoints and output configurations

Endpoints

Endpoint configuration includes:

- Endpoint Name defined name of the endpoint shown in history to facilitate billing
- Stream Slug provided by the system used to call endpoint using the url
- Key defined stream key to protect access to the endpoint other stream keys will not start the transcription service
- Access Token provided by the system allows limited access to change endpoint configurations of a started stream
- Access Pin defined access pin protects the use of the access token for endpoint adjustments of a started stream



- Dictionary selected from dropdown improves recognition of a predefined set of words
- Editor configuration turned on or off enables or disables editor functionality
- Output configuration selected from dropdown predefined output configuration to be used for the output stream
- Target translation selected from dropdown defines the target language for translations

Endpoint	Endpoints Configuration ③ (ADD NEW +)										
Endpoint Name	Copy Streaming URL				Copy Text Push Update URL			Editor Configuration		Target Translation	Copy SRT URL
ерлу	Ē	er v		 2	Ê		NONE y	NONE	· · · · · · · · · · · · · · · · · · ·		ê

Dictionaries

Dictionaries can be created to be used in endpoints. The words included have a higher probability to be recognized and transcribed correctly. Use-cases are names or topic specific words. Words need to be added separated by comma. By pressing ENTER the words are persisted into the dictionary, except for Words already in the dictionary. Using the CREATE-button the dictionary is created. It can be adjusted later by selecting it on the dictionaries view. Words can be removed by clicking the X-button next to the word.

New Dictionary ⑦
Fields with * are required
Dictionary Name *
test_dictionary
Regenschirm, Hosenanzug, Sonnenschirm Hokuspokus 🏾 Sonnenschein 😒
When adding multiple words, please seperate them by commas (eg. This,is,an,example).
CREATE

Output configurations

To define the output stream of an endpoint three kinds of configurations can be specified for use in the according dropdown menus:

- Video output configuration configures a video-stream to push to a predefined url
- Video pull configuration configures a video-stream to be pulled from a predefined url using a pull identifier
- Text output configuration configures a text-stream to be pushed to a predefined url

For Video configurations two kinds of settings can be used:

- BurnedIn settings defines formatting for subtitles burned into a video-stream
- CC settings defines formatting for subtitles as embedded closed captions in a video-stream. These are provided in the user-header according to 608-over-708.

For each configuration or setting type a "default" is provided in the frontend to show what this could look like. These defaults cannot be edited by the user.

BurnedIn settings



- BurnedIn settings name name defined to identify the setting
- Font used selected from dropdown specifies the font used for Subtitles
- Max line count integer specifies number of lines for subtitles
- Font size integer specifies font size for subtitles
- Line height integer specifies the position of the subtitles vertically
- Border width integer specifies the width of the subtitles horizontally
- Backgound color color chosen by code or pallet defines subtitle box background color
- Outline color color chosen by code or pallet defines subtitle box border color
- Regular color color chosen by code or pallet defines subtitle text color
- Hightlight color color chosen by code or pallet defines subtitle text current word color

CC settings

- CC settings name name defined to identify the setting
- CC type selected from dropdown specifies if the CC are provided as roll-up or pop-on CC
- Max cc line count integer specifies number of lines for subtitles

Video output configuration

- Video output configuration name name defined to identify the configuration
- BurnedIn settings selected from dropdown specifies the BurnedIn setting used if any
- CC settings selected from dropdown specifies the CC setting used if any
- PushUrl url defining where the output video stream is pushed to
- Push credentials credentials provided if required

Video pull configuration

- Video pull configuration name name defined to identify the configuration
- Pull identifier string to enable/protect access to the stream while pulling by url
- BurnedIn settings selected from dropdown specifies the BurnedIn setting used if any
- CC settings selected from dropdown specifies the CC setting used if any

Text output configuration

- Text output configuration name name defined to identify the configuration
- PushUrl url defining where the output text stream is pushed to
- Target string defining the target and accessing required protocols
- PushCredentials credentials provided if required

Example walkthrough to set up an endpoint for text output streaming

Setting up an endpoint is done through the aiconix live frontend but requires an account. If you have forgotten your credentials please contact support@aiconix.ai. An endpoint provides you with an address to stream to and conduct predefined transcription operations and access the result based on different configurations like text output configurations. For smooth endpoint setup we suggest to first set up the output configurations needed.



A alconix						
		Video Ou	tput Configu	ration	(ADD NEW +)	
DICTIONARIES OUTPUT CONFIGURATION	Video Output Ifiguration Name				Push Credentials	
✿ SPEECH TO TEXT	template video-output (DEFAULT BURI >	DEFAULT CLOSE V	https://youtube	my secret credei	Ī
• INSIGHTS BOARD						
JEACK TRANSCRIBE-APP						
ADMIN SETTINGS		Text Ou	tput Configur	ation	(ADD NEW +)	
	Text Output Configurat Name	tion PushUF	L Targe	et P	ushCredentials	

- 1. Create new text output configuration in the output configuration tab
- 2. Specify name and target in the opening module

Text Output Configuration								
* Are required fields								
Text Output Name *	to_name							
HTTP PushURL *								
Target *	zoom							
Target Credentials								
	SAVE							

3. In the endpoints tab create a new endpoint



4. In the opening module specify the endpoint name and stream slug with the same value and define a Key. Then select the text output configuration just created in the according dropdown.



New E	indpoint Configuration				
* Are requir	ed fields				
	Endpoint Name * ep_zoom_test	Stream Si ep_zoom_t		Key * test	
Dictionary	,		NONE		>
Editor Cor	nfiguration		NONE		
Output Co	onfiguration		Video Output Configurati NONE Video Pull Configuration NONE Text Output Configuration To_NAME))))
Target Tra	nslation	CF	NONE		

After successful creation please adjust the access pin to your choice. Also you can copy the streaming URL using the according lcon and copy the Text Push Update URL using the according icon. To access the subtitles for the last stream done on the endpoint use the URL provided through the according icon.

Endpoint	ts Configura	tion ② (ADD	NEW +								
Endpoint Name	Copy Streaming URL				Copy Text Push Update URL			Editor Configuration	Target Translation		
ep_zoom_test	Ē	_ep_zoom_test_	test	<u>j6oxlq5a226yqa3</u>	Ê	test	NONE V	NONE	NONE V	Ē	Î

Setting up zoom meetings for live transcription

To set up a live transcription for zoom the following steps are required:

- 1. The account inviting the zoom meeting must have a zoom premium account
- 2. Live streaming and custom CC need to be enabled for the inviting account (see below)
- 3. Endpoint and text output configuration setup in aiconix frontend (see above)
- 4. Meeting setup in zoom account using streaming and rerouting info from aiconix frontend (see <u>below</u>)
- 5. Start live transcription in the meeting itself (see below)

Zoom account setup (zoom admin)

To enable custom live streaming please follow below path or the advised documentation in the zoom admin settings on the zoom website: <u>https://zoom.us/</u>





zoom.us → admin → account management → account settings → meeting tab → advanced → allow live streaming of meetings → custom live streaming → safe

Also please refer to the following description from the zoom documentation:

https://support.zoom.us/hc/en-us/articles/115001777826-Live-Streaming-Meetings-or-Webinars-Using-a-Custom-Service

Sicherheit	Untertitel	۵ (
Besprechung planen	Dem Host gestatten, geschlossene Untertitel zu tippen oder einen Teilnehmer bzw. Drittanbieter-Dienst anweisen, Untertitel einzutragen	
In Meeting (Grundlagen)		
to be attended to a the stand	Nutzung des Untertitel-API-Tokens zur Integration mit Diensten für Untertitel von Drittanbietern gestatten	
In Meeting (Erweitert)	Transkription des Meetings durch einen Live-Dienst gestatten (automatische Transkription)	
Kalender und Kontakte	✓ Ansicht der vollständigen Transkription im Seitenbereich des Meetings gestatten 𝔅	
E-Mail-Benachrichtigung		
Administratoroptionen	Untertitel speichern	۵ 🔵
Weitere Einstellungen	Hier können die Teilnehmer Untertitel oder Transkriptionen speichern	

To enable third party subtitling please follow below path or the advised documentation:

zoom.us → admin → account management → account settings → meeting tab → advanced → enable subtitles → enable use of API-Token for third party provider integration → safe

Also please refer to the following description from the zoom documentation: <u>https://support.zoom.us/hc/en-us/articles/115002212983#h_4b01d271-eb7b-473d-b82a-f8bb6eb80ba1</u>

Sicherheit	Livestreaming von Meetings zulassen	۵ (
Besprechung planen	Facebook	
In Meeting (Grundlagen)	Workplace von Facebook	
In Meeting (Erweitert)	VouTube	
Kalender und Kontakte	✓ Benutzerdefinierter Live Streaming Service	
E-Mail-Benachrichtigung	Spezifische Anweisungen anbieten, die den Meetinghosts auf Ihrem Konto die Konfiguration des Livestreaming ermöglichen.	
Administratoroptionen		
Weitere Einstellungen	li.	

Zoom meeting setup (zoom user)

Meetings are best created using the zoom homepage (<u>https://zoom.us/</u>). Creation via the zoom website ensures all options are available as required. The client does not allow for setting streaming options before the meeting.

Upon login chose meetings in the personal options and either select an existing meeting or create a new meeting using the available options.

ZOOM LÖSUNGEN + P	LÄNE UND PREISE AN VERTREB WENDEN	EIN MEETING PLANEN	EINEM MEETING BEITRETEN	EIN MEETING VERANSTALTEN +
PERSÖNLICH Profil	Meetings Bevorstehend Vorheriges Privater Raum Meetingvorlagen			Schulung abrufen
Meetings Webinare	Start Time to End Time			Ein Meeting planen
Aufzeichnungen Einstellungen				

After completing the basic planning of the meeting (time, duration, date, repetition, etc.) safe the meeting and scroll down to adjust the live streaming details with the information from the aiconix live frontend for the endpoint created beforehand. The relevant information can be obtained by 1) the Copy streaming url button, 2) the Key and 3) the text push update URL button. To access these details an aiconix live frontend account is required.

Besprechung pl	anen							
Thema	Meeting							
	+ Beschreibung hinzufügen							
Wann	11.10.2021	16:00 ~						
Dauer	1 ~ Std.	0 ~ Min.						
Zeitzone	(GMT+2:00) Amsterdam, Berlin,	, Rom, Stockholm, Wien	~					
	Wiederkehrendes Meeting	Jede Woche am Mo						
	Wiederkehr	hentlich ~						
	Wiederholen alle	~ Woche						
	Ereignet sich am	Mo Di Mi Do	Fr Sa					
	Enddatum O Vor	05.12.2021	O Nach 7 - Ereignisse					
Registrierung	Erforderlich							
Vorlage	None		<u>~</u>					
Speichern Ab	brechen							
Live Streamen								
Klicken Sie nach dem	Starten des Meetings auf "Mehr" un	d wählen Sie den Dienst aus, auf dem Ihr	Meeting live gestreamt werden s	oll.				
	en Dienste unterstützen Live-Stream		freeding into gesticatine merden s					
Benutzerdefiniert	er Livestreaming Service							
Konfigurieren Sie	den benutzerdefinierten Streaming-I	Dienst						
Endpoints Con	figuration ② (ADD NEW +)							
Endpoint Name C Strear	ppy Stream Slug Key ning URL Key	Copy Text Push Access Token Update URL		Editor Configuration		Target Translation		
ep_zoom_test	ep_zoom_test test	<u>j6oxlq5a226yqa3</u> 🖹	testNONE v	NONE ~	TO_NAME ~	NONE V	Ê	Ĩ
Konfiguri Dienst	eren Sie den ben	utzerdefinierten Str	eaming-					
Stream URL	aiconix.cloud/ep_zoom_test-c	1.7						
Tump.//iive.vz								
C1		le/						
Stream Key		16/	Ausblenden					

Live Stream Seite URL

 https://live.v2.aiconix.cloud/configurator/textoutput/j6oxlq5a226yqa3s

 Jeder, der diesen Link verwendet, sieht den Live-Stream des Meetings

 Der Kundenspezifische Streamingdienst bedarf der Authentifizierung für die Übertragung

 Konfigurieren Sie den Live-Stream während des Meetings

 Speichern
 Abbrechen

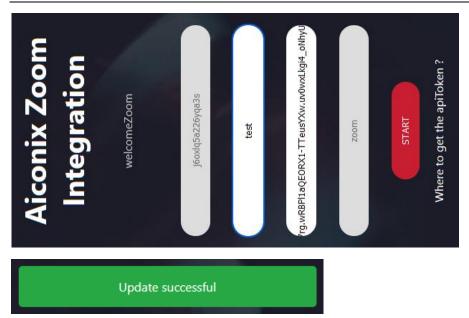
Start live transcription and enable subtitles in meeting (zoom user) After starting the meeting the zoom client will open. Please select the "live streaming to custom streaming URL" option under "more" in the zoom client. This will open a new page in



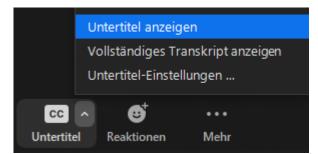
your browser and redirect you upon success to the aiconix rerouting page, where the API-token can be entered.

 ▼ 				🏭 Ansicht	
		i	In der Cloud Untertitel Reaktionen	Computer aufzeichnen 1 aufzeichnen utzerdefinierter Livestrear	Alt+H Alt+R Alt+C
Dev aiconix	Sicherheit Teiln		n freigeben Mehr	Beenden	
	Teilnehmer einem Ty Verwenden Sie den G API-Token kopieren	CC-Dienst eines nund fügen Sie ihn an einen elung ein ktivieren chmern, eine Live-			
↑		်ာ ••• Apps Mehr	Beenden		
Beauftragen Sie jemanden mit der Ein Teilnehmer einem Typ zuweisen Ich w Verwenden Sie den CC-Dienst eines API-Token kopieren API-Token in den Zwischenspeicher kopiert	× gabe erde tippen				

The apiToken can be obtained from the zoom client via "subtitles" and the option "copy apitoken". Paste this api-token in the aiconix rerouting page that has opened in the browser. Also, you will need to enter the access key configured for the endpoint in the aiconix frontend to start the pushing of subtitles to the zoom meeting. A successful update is indicated by a green popup. Afterwards the page can be closed.



To show the subtitles participants need to select "show subtitles" under the "subtitle" button in the zoom client.



Then the subtitles will appear with a delay of approx. 4s in zoom.

To end transcription you can either stop the live streaming or close the meeting.

Service and Help

In case of issues or help please contact support@aiconix.ai or call +49 (40) 8221-1610.

