

API KEYS

White Paper

Eftsure inside Microsoft Dynamics 365 for F&O

Contents

Introduction.....	3
Government Codes.....	3
VIES & HMRC UK.....	3
ABN	4
NZBN	6
EIN	8
External mapping APIs.....	13
Bing Maps APIs	13
General	13
Simple key creation.....	13
Google Maps APIs.....	14
General	14
Simple key creation.....	15
Mapbox API	18
General	18
Simple key creation.....	18

Introduction

This document describes the process required to register an API Key from either any of our API providers.

This document does not cover advanced API key management, restrictions and security. For advanced configuration, please refer to the vendor's documentation.

Each customer can decide to use either provider for their services.

Multiple main options can be configured in eftsure inside D365:

Gov Codes,

Maps,

Places autocompletion

You can use any combination of providers for these separate services, although it is logical to use a single provider for all maps services.

At the time of writing, the following services are supported:

ABN, NZBN, UEN, VIES, HMRC UK

Bing Maps & Bing Suggestions

Google Maps & Google AutoComplete

Mapbox Maps

Government Codes

VIES

No API key required

HMRC UK

Create a new account at <https://developer.service.hmrc.gov.uk/api-documentation/docs/using-the-hub>

Create a new application

Your [feedback](#) (opens in new tab) will help us to improve this service.

[Home](#) > [Applications](#)

[New feature](#)

[Sign out](#)

D365Dev

[Application details](#)

[Credentials](#)

[Client ID](#)

[Client secrets](#)

[API subscriptions](#)

[Redirect URIs](#)

[IP allow list](#)

[Team members](#)

[Delete application](#)

Manage applications

[View all applications](#)

[Add an application to the sandbox](#)

Manage account

[Manage profile](#)

Application details

Application: D365Dev

Environment: Sandbox

Created 23 June 2025

Last API call 25 June 2025

Application details [Change](#)

Application ID 7fed118b-7967-4673-90fe-1a0000000000

Application name D365Dev

Application description None

Privacy policy URL None provided

Terms and conditions URL None provided

Application grant length 18 months

Create a client Id and Secret, subscribe to Check a UK VAT Number

Check a UK VAT number

1 subscription

[Hide](#)

[2.0 \(Beta\)](#)

Yes

No

ABN- Australia

Go to <https://abr.business.gov.au/Tools/WebServicesAgreement>

Search ▾ Tools & resources ▾ Help ▾

abr.business.gov.au

Australian Government
Australian Business Register

ABN Lookup

Type an ABN, ACN or name 

ABN Lookup > Tools & resources > Web services > Web Services Agreement

Web Services Agreement

Web services
Web Services Agreement

Important
By registering for this service you will become legally bound by ABN Lookup Web Services Agreement.

Please read the terms and conditions below. Use the buttons at the bottom of the page to agree and continue to the registration page or to cancel.

Licence

1. We grant you, during the term of this agreement and subject to these terms and conditions, a non-exclusive non-transferable licence to access and use the ABN Lookup Web Services.

Use of ABN Lookup Web Services

1. You may, at your own risk, provide relevant extracts of the ABN Lookup Web Services to third parties.
2. You must not misrepresent your rights under this agreement or use the ABN Lookup Web Services in any way that is or may be false, misleading or deceptive.
3. You must not represent or imply, or allow any associated person to represent or imply, that the Commonwealth endorses, approves, or is affiliated in any way with you or any use you may make of the ABN Lookup Web Services or any of your products or services.
4. You acknowledge that details that form part of the ABN Lookup Web Services may subsequently be withdrawn from the ABN Lookup database (for example to protect the privacy of an individual). If we notify you that specific information has been withdrawn you must immediately take all reasonable action to delete all copies of that

Accept Terms and Conditions

Complete your registration information

Search ▾ Tools & resources ▾ Help ▾

Australian Government
Australian Business Register

ABN Lookup

Type an ABN, ACN or name 

ABN Lookup > Tools & resources > Web services > Web Services Agreement > Web services registration

Web services registration

Web services
Web services register

Contact details

Given name (required)

Family name (required)

Phone number (required)

Email (please use corporate group email address e.g. support@example.com) (required)

Website

Applicant type (required)

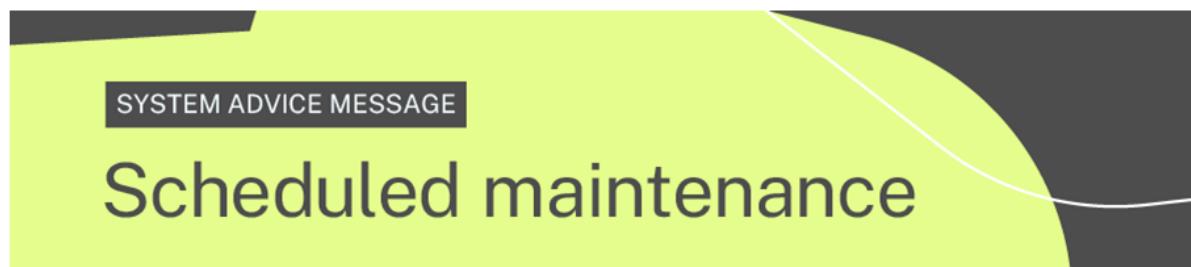
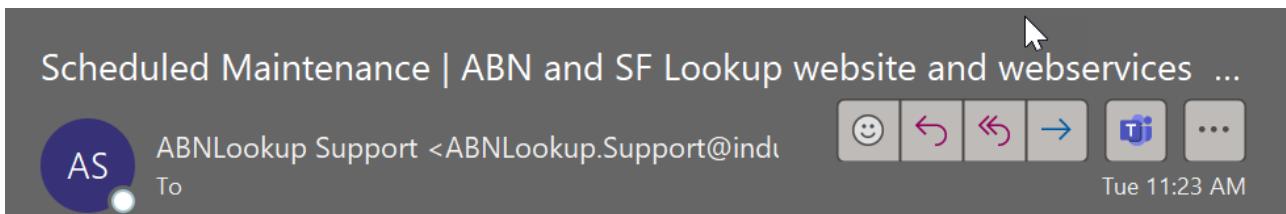
Business details

ABN

Entity name



Your registration should be validated within 24-48h, and the registrant will receive ABR notifications and scheduler maintenance such as:



Who is affected?

- ABN Lookup website/webservice users
- Super Fund Lookup website/webservice users

When?

Saturday, 4 May 2024 from 7:30am to 2:00pm AEST

Details

- We are doing planned system maintenance.
- Access to ABN and Superfund Lookup services and web services will be temporarily unavailable.
- To minimise disruption to you, we recommend you plan your activities accordingly and do not use the website and web services during this time.

If you have any questions or concerns about this maintenance, please contact us on the details below as soon as possible.

Contact

ABN and Super Fund Lookup Support team

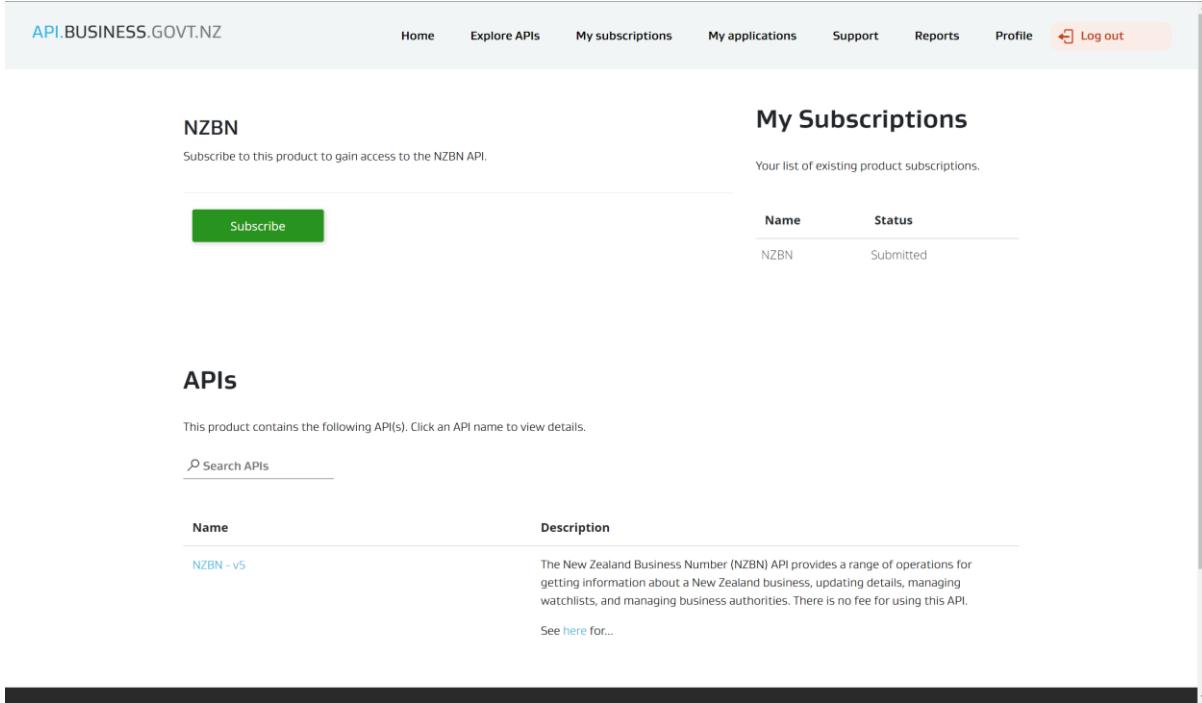
ABNLookup.Support@industry.gov.au

OFFICIAL

NZBN – New Zealand

Login to <https://portal.api.business.govt.nz/>

Go to <https://portal.api.business.govt.nz/product#product=nzbn>

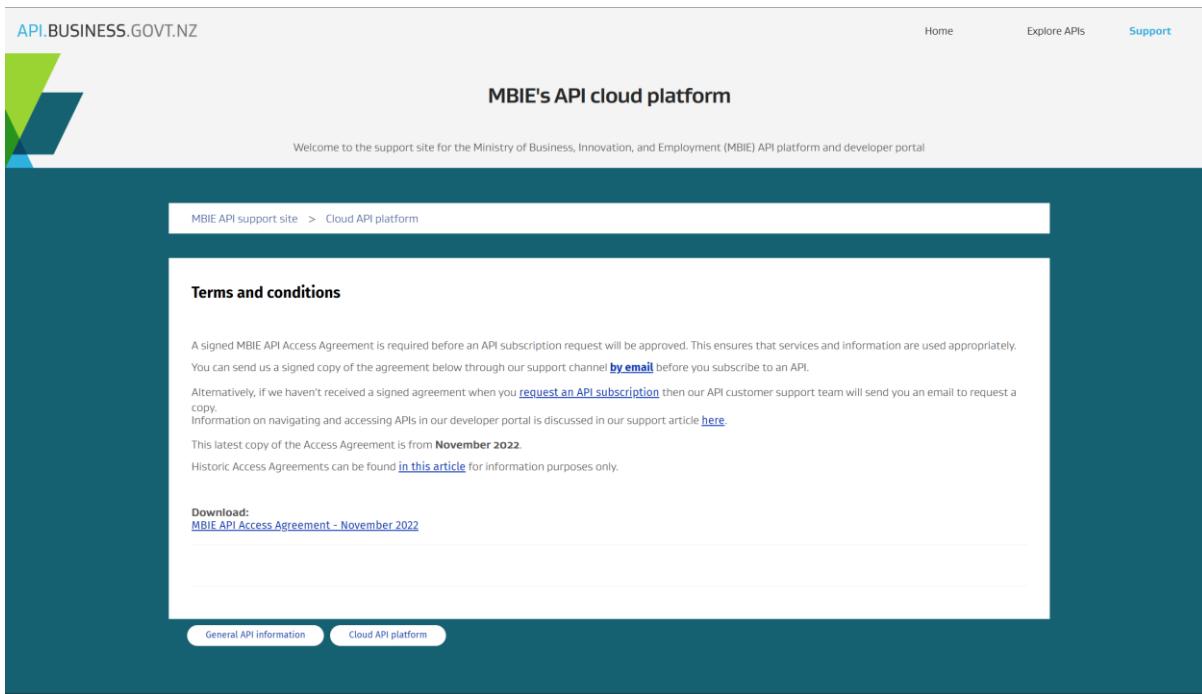


The screenshot shows the API.BUSINESS.GOVTNZ dashboard. At the top, there is a navigation bar with links for Home, Explore APIs, My subscriptions, My applications, Support, Reports, Profile, and Log out. The main content area is divided into two sections: 'NZBN' and 'My Subscriptions'. The 'NZBN' section contains a 'Subscribe' button and a note: 'Subscribe to this product to gain access to the NZBN API.' The 'My Subscriptions' section shows a table with one entry: NZBN (Status: Submitted). Below these sections, there is a 'APIs' section with a search bar and a table listing an API named 'NZBN - v5' with a detailed description and a 'See here for...' link.

Click Subscribe button in Green.

Go to <https://support.api.business.govt.nz/s/article/terms-and-conditions>

Return a signed copy of the MBIE API Access agreement by email:



The screenshot shows the MBIE API support site. The top navigation bar includes links for Home, Explore APIs, and Support. The main content area features a teal header with the text 'MBIE's API cloud platform' and a sub-header 'Welcome to the support site for the Ministry of Business, Innovation, and Employment (MBIE) API platform and developer portal'. Below this, a breadcrumb navigation shows 'MBIE API support site > Cloud API platform'. The main content is a white box titled 'Terms and conditions'. It contains text about the required API Access Agreement, instructions for sending a signed copy via email, and a note about navigating APIs. It also mentions a 'Download' link for the latest Access Agreement (November 2022). At the bottom of the content box are two buttons: 'General API Information' and 'Cloud API platform'. A decorative blue ribbon graphic is visible on the left side of the page.



Ministry of Business, Innovation & Employment

API Access Agreement

Parties

This Agreement is made the _____ day of _____ 20_____

BETWEEN The Sovereign in Right of New Zealand acting by and through the Chief Executive of the Ministry of Business, Innovation and Employment

AND _____

(Name and address of other party)

Introduction

The party on whose behalf this Agreement is entered into ("you", "your") agrees to accept and use the Ministry of Business, Innovation & Employment's ("MBIE", "we", "us", "our") Registers via the MBIE application program interfaces ("MBIE APIs"), which MBIE will provide upon acceptance of your registration as a user, on the terms and conditions of this Agreement.

Once Subscription is approved, then the API Keys will be available in your subscriptions.

API.BUSINESS.GOVT.NZ

Home Explore APIs [My subscriptions](#) My applications Support Reports Profile [Log out](#)

My subscriptions

Subscription details		Product	State	Action
Name	NZBN	Rename	NZBN	Submitted Cancel
Requested on	04/30/2024			
Name	NZBN (Sandbox)	Rename	NZBN (Sandbox)	Submitted Cancel
Requested on	04/30/2024			



Getting started
Explore APIs

Support
Contact us

MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT
HĪKINA WHAKATUTUKI

Te Kawanatanga o Aotearoa
New Zealand Government

© 2024 Ministry Of Business, Innovation & Employment

Copyright Privacy

UEN- Singapore

UEN service is provided by ACRA - <https://www.acra.gov.sg/>

The UEN service uses OAuth 2.0 with Token generation to fetch data from ACRA webservices.

To use this service, you will need to purchase a Query package.

Go to <https://www.bizfile.gov.sg/apimarketplace> and subscribe to the Entity Information Query APIs.

Data APIs

Harness business insights with our extensive range of business entity data.



Entity Information Query

Provides comprehensive profile information on entities registered with ACRA

[Subscribe](#)



Financial Information Query

Provides basic financial details for companies that have submitted their financial statements in XBRL, including financial year-end dates and auditor sign-offs

[Subscribe](#)



trustBar Verification Query

Verifies the authenticity of Business Profiles, and the authenticity and currency of Business Certificates (Incorporation/Registration)

[Subscribe](#)

<https://www.bizfile.gov.sg/apimarketplace/categories/data-api/eiq>

Purchase of the query packages below:

[Entity Information Query](#)

[Financial Information Query](#)

[trustBar Verification Query](#)

Entity Information Query package 1
Suitable for users with low consumption needs.

Type	Data
No. of API calls	1,500
No. of API services	20
Validity period	90 days from point of purchase, or until all API calls are consumed.

\$481.50 w/GST

[Add to cart](#)

Entity Information Query package 2
Suitable for users with moderate to high consumption needs.

Type	Data
No. of API calls	10,000
No. of API services	20
Validity period	90 days from point of purchase, or until all API calls are consumed.

\$3,210.00 w/GST

[Add to cart](#)

After purchasing the above packages, go back to bizfile and configure a new application for production.

Production environment

Applications

← Manage production access

Applications

Manage and monitor your production environment by adding, managing and removing applications.

Create app

List of applications

1 application(s)

Sort by: Date (Latest to Earliest) ▾

Dynamic 365	...
Items per page: 10 ▾	1-1 of 1 item(s)
Page 1 of 1 ▾	« ▶

Click Create app

Production environment

Applications

← Manage production access

Create application

Enter application details

Application name

Enter a name for your application e.g. "Financial InfoApp"

Description

0/50

0/200

Cancel

Create

Then generate a new OAuth Client Id and Secret to be used from eftsure inside D365.

← Back to applications

Dynamic 365

[Edit app details](#) [Delete app](#)

Client ID

Client ID

Client ID is a username that grants access to the ACRA APIs. It is paired with a client secret key, which must be used together with the client ID to access the APIs.

Warning ⚠

- Your secret key will only be viewable once. Please make sure to note it down.

Client ID	
Secret key	
Last updated by	
Last updated at	20 Jun 2025, 08:00 AM
Regenerate	

Then enter Client Id and Secret into eftsure parameters > GovCode > Singapore > UEN

Finance and Operations

Standard view

Parameters for eftsure

Connection

Entities

Users

Onboarding

Check a Payee

Payments

Vendor groups

Vendor copy

Vendor collaboration

User interface

Batches

Logs

Support

GovCode

UEN

This section contains all parameters to configure lookups for external search across modules.
Note: API Services key might be required for different countries, please configure individual countries in International section

General        

Provides comprehensive profile information on entities registered with ACRA.
For more information, please visit [API Marketplace](#).
A subscription to 'Entity Information Query' is required for this realtime lookup.

For sandbox testing information see: [See Sample Data](#) - [API Keys](#)

UEN SEARCH WEBSERVICES OPTIONS

Enabled Yes

Environment

Clientid 

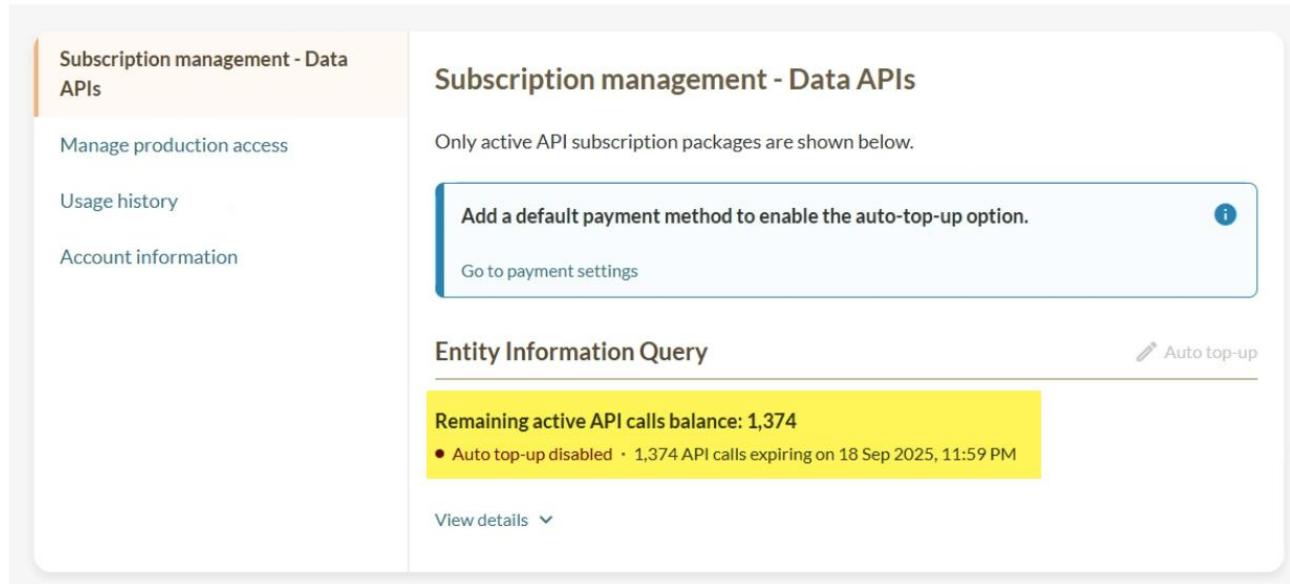
Secret 

ACRA
ACCOUNTING AND CORPORATE
REGULATORY AUTHORITY

You can also check the balance of your credits:

Home > API Marketplace management

API Marketplace management



Subscription management - Data APIs

Manage production access

Usage history

Account information

Subscription management - Data APIs

Only active API subscription packages are shown below.

Add a default payment method to enable the auto-top-up option.

Go to payment settings

Entity Information Query

Auto top-up

Remaining active API calls balance: 1,374

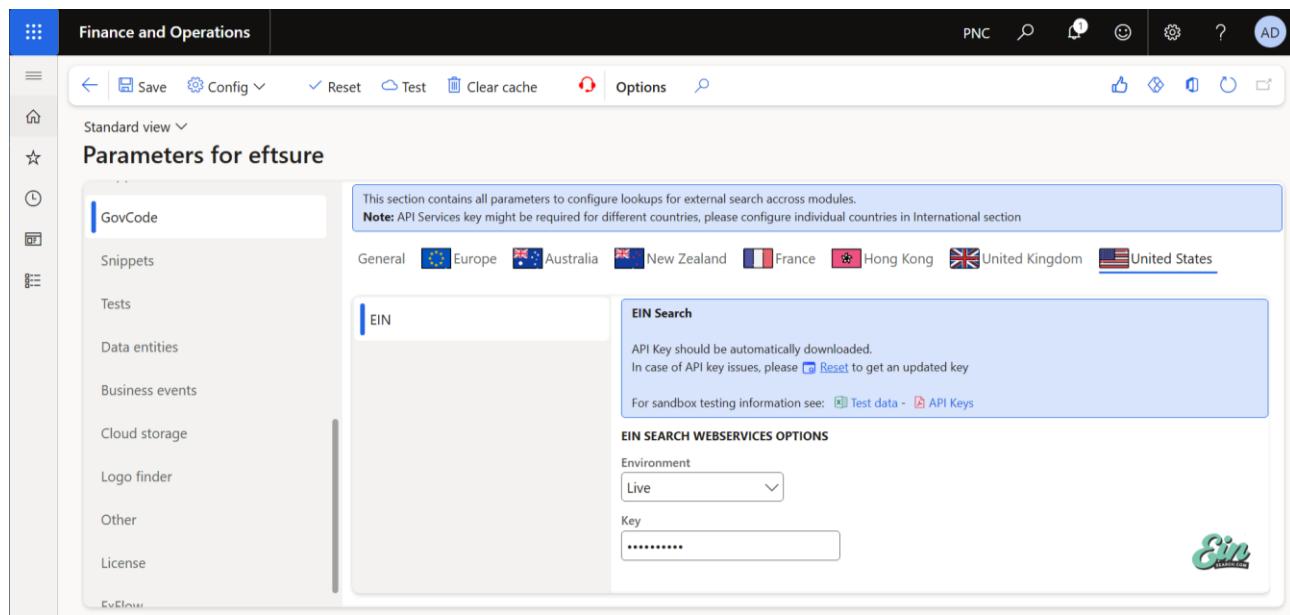
Auto top-up disabled • 1,374 API calls expiring on 18 Sep 2025, 11:59 PM

View details ▾

EIN – United States of America

EIN service is provided by EINSearch - <https://einsearch.com/>

The EIN Token used for eftsure inside D365 F&O is covered by your license when enabled. You can refresh the token by clicking the Reset button on the dedicated configuration page:



Finance and Operations

Save Config ▾ Reset Test Clear cache Options

Standard view ▾

Parameters for eftsure

GovCode

This section contains all parameters to configure lookups for external search across modules.
Note: API Services key might be required for different countries, please configure individual countries in International section

Snippets

General Europe Australia New Zealand France Hong Kong United Kingdom United States

Tests

Data entities

Business events

Cloud storage

Logo finder

Other

License

EIN

EIN Search

API Key should be automatically downloaded.
In case of API key issues, please [Reset](#) to get an updated key

For sandbox testing information see: [Test data](#) - [API Keys](#)

EIN SEARCH WEBSERVICES OPTIONS

Environment Live

Key

EIN

External mapping APIs

Most features are available for Bing Maps, Google Maps and Mapbox. The following documentation describes how to get an API key to use our services.

Bing Maps APIs

General

For Bing Maps, a single API key needs to be configured for the project and can achieve

For more information, please visit Microsoft site directly:

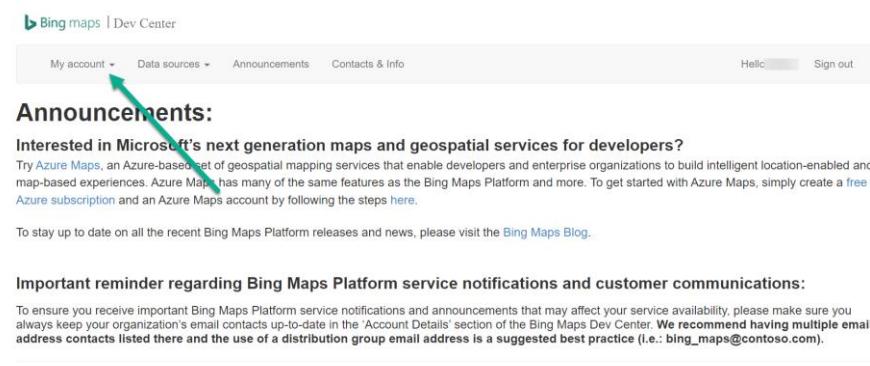
<https://learn.microsoft.com/en-us/bingmaps/getting-started/?redirectedfrom=MSDN>

<https://www.microsoft.com/en-us/maps/bing-maps/licensing>

Simple key creation

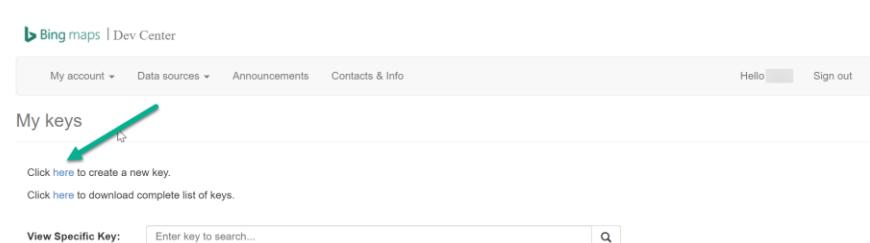
Go to Bing Maps Dev Center [<https://www.bingmapsportal.com/>]

Login with a Microsoft account.



The screenshot shows the Bing Maps Dev Center interface. At the top, there is a navigation bar with links for 'My account', 'Data sources', 'Announcements', 'Contacts & Info', 'Hello' (with a dropdown arrow), and 'Sign out'. Below the navigation bar, the page title is 'Announcements:'. There is a section titled 'Interested in Microsoft's next generation maps and geospatial services for developers?' with a sub-section about Azure Maps. At the bottom of the page, there is a footer with links for 'Privacy and Cookies', 'Legal', and 'Terms of Use'.

Go to My account > My Keys > Create a new key



The screenshot shows the 'My keys' section of the Bing Maps Dev Center. The top navigation bar is identical to the previous screenshot. Below it, the page title is 'My keys'. There is a link 'Click here to create a new key.' and a link 'Click here to download complete list of keys.' At the bottom, there is a search bar with the placeholder 'Enter key to search...' and a magnifying glass icon.

Enter Application name, Key type = Basic, Application type = Website, Create

My keys

Create key

Application name: eftsureInsideD365

Application URL: Enter application URL

Key type: Basic (What's This) ←

Application type: Website ←

Create **Cancel**

Required field

New keys take about five minutes to take effect.

To create Education, Broadcast or Not-for-Profit keys, please contact the Bing Maps account team at mpnet@microsoft.com.

When the process completes, the following message is displayed:

My keys

Key created successfully. Please allow about five minutes for the key to become effective.

[Click here to create a new key.](#)
[Click here to download complete list of keys.](#)

After a few minutes, the following key will be displayed:

My keys

Key created successfully. Please allow about five minutes for the key to become effective.

[Click here to create a new key.](#)
[Click here to download complete list of keys.](#)

View Specific Key:

Application name	Key details	Enable Preview for All Keys <input type="checkbox"/>
eftsureInsideD365	<p>Key: Show key ←</p> <p>Application URL:</p> <p>Key type: Basic / Website</p> <p>Created date: 02/12/2024</p> <p>Expiration date: None</p> <p>Key Status: Enabled</p> <p>Security Enabled: No</p>	Update Copy key Usage Report Enable Security Enable Preview ←

Click Show key, copy the key and paste it into D365 eftsure “Know Your Payee” parameters form.

NOTE: The same key can be used for Maps and Places.

Google Maps APIs

General

3 different APIs are used from Google Maps APIs and can be activated independently for different options.

For more information, please visit Google site directly:

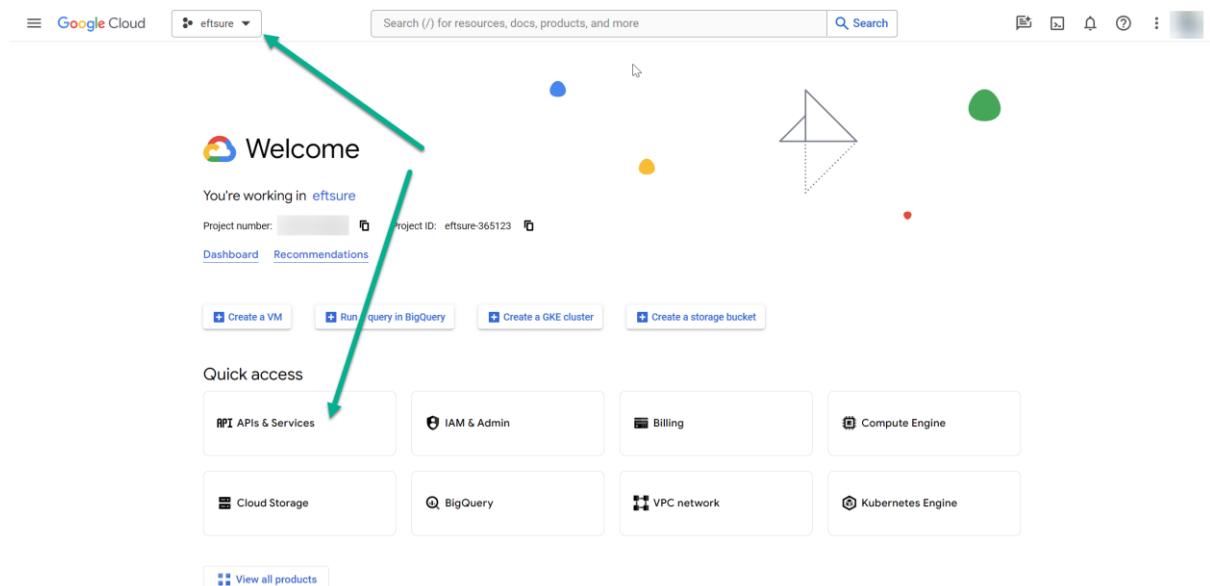
<https://developers.google.com/maps>

<https://developers.google.com/maps/billing-and-pricing/billing#dynamic-maps>

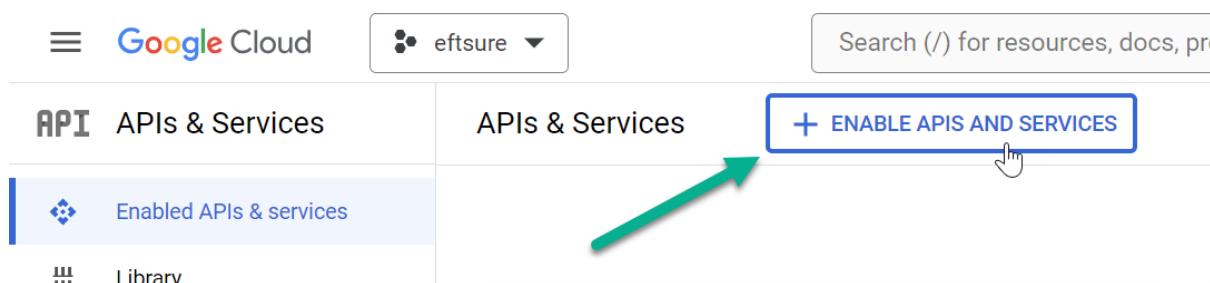
Simple key creation

Go to Google Cloud console <https://console.cloud.google.com/>

Login with a Google account, create or select an existing project to hold the API Key, and navigate to API & Services:



Select Enable APIs and services



Enable **Maps Javascript API** for Maps to allow displaying maps into the user interface - Optional

JS Maps JavaScript API
Google

Add a map to your website, providing imagery and local data from the same source as Google Maps. Style the map to suit your needs. Visualize your own data on the map, bring the world to life with Street View, and use services like geocoding and directions.

Enable **Places API** for Places to allow international address autocompletion - Optional



Places API

Google Enterprise API [?](#)

Get data from the same database used by Google Maps. Places features over 100 million businesses and points of interest that are updated frequently through owner-verified listings and user-moderated contributions. Place search Return a list of places based on a user's location or search string. Place details Return detailed information about a specific place, including user reviews. Place autocomplete can be used to...

Enable **Geocoding API** to allow converting addressing into geographic coordinates - Optional

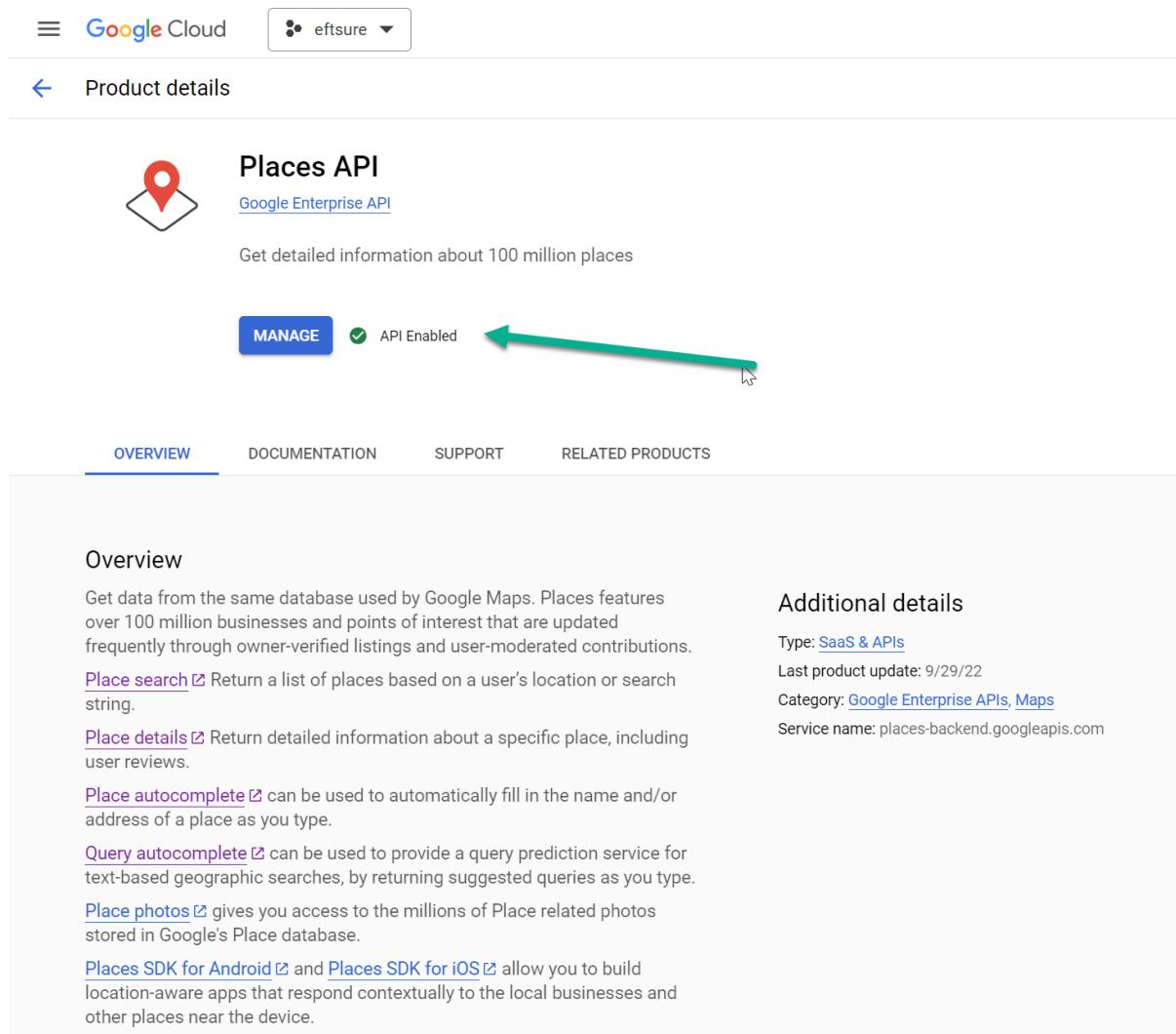


Geocoding API

Google Enterprise API [?](#)

Convert addresses into geographic coordinates (geocoding), which you can use to place markers or position the map. This API also allows you to convert geographic coordinates into an address (reverse geocoding). 

Once enabled, the API will look like the following:



Google Cloud eftsure

Product details

Places API
Google Enterprise API

Get detailed information about 100 million places

MANAGE  API Enabled

OVERVIEW DOCUMENTATION SUPPORT RELATED PRODUCTS

Overview

Get data from the same database used by Google Maps. Places features over 100 million businesses and points of interest that are updated frequently through owner-verified listings and user-moderated contributions.

[Place search](#) Return a list of places based on a user's location or search string.

[Place details](#) Return detailed information about a specific place, including user reviews.

[Place autocomplete](#) can be used to automatically fill in the name and/or address of a place as you type.

[Query autocomplete](#) can be used to provide a query prediction service for text-based geographic searches, by returning suggested queries as you type.

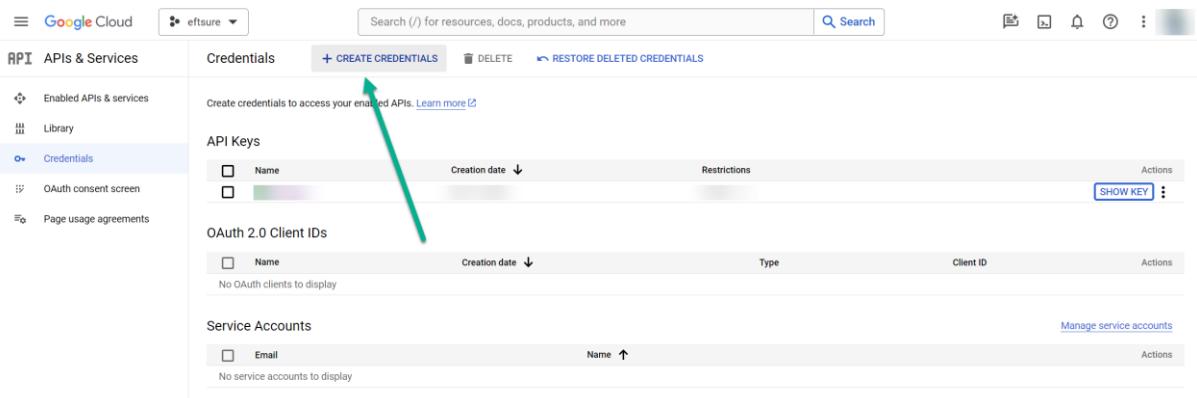
[Place photos](#) gives you access to the millions of Place related photos stored in Google's Place database.

[Places SDK for Android](#) and [Places SDK for iOS](#) allow you to build location-aware apps that respond contextually to the local businesses and other places near the device.

Additional details

Type: [SaaS & APIs](#)
Last product update: 9/29/22
Category: [Google Enterprise APIs](#), [Maps](#)
Service name: places-backend.googleapis.com

Go to Credentials and select Create Credentials:



Google Cloud eftsure Search (/) for resources, docs, products, and more

API APIs & Services Credentials + CREATE CREDENTIALS ⚡ DELETE ⚡ RESTORE DELETED CREDENTIALS

Enabled APIs & services Library Credentials OAuth consent screen Page usage agreements

Create credentials to access your enabled APIs. Learn more ↗

API Keys

Name	Creation date	Restrictions	Actions
			Show key ⚡

OAuth 2.0 Client IDs

Name	Creation date	Type	Client ID	Actions

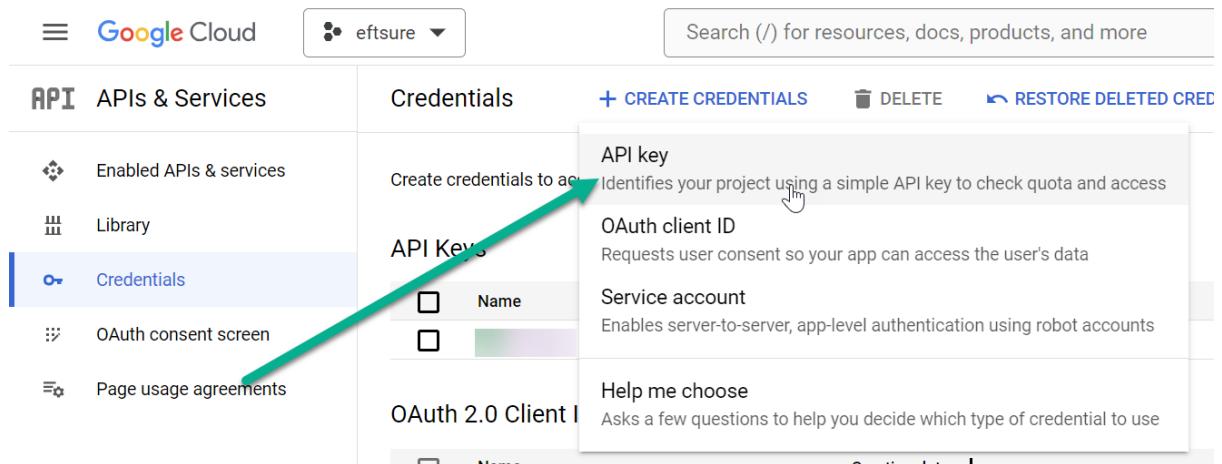
No OAuth clients to display

Service Accounts

Email	Name	Actions
		Manage service accounts

No service accounts to display

Select API Key:



Google Cloud eftsure Search (/) for resources, docs, products, and more

API APIs & Services Credentials + CREATE CREDENTIALS ⚡ DELETE ⚡ RESTORE DELETED CRED

Enabled APIs & services Library Credentials OAuth consent screen Page usage agreements

Create credentials to access your enabled APIs. Learn more ↗

API Keys

Name

OAuth 2.0 Client IDs

Name

Help me choose

API key

Identifies your project using a simple API key to check quota and access

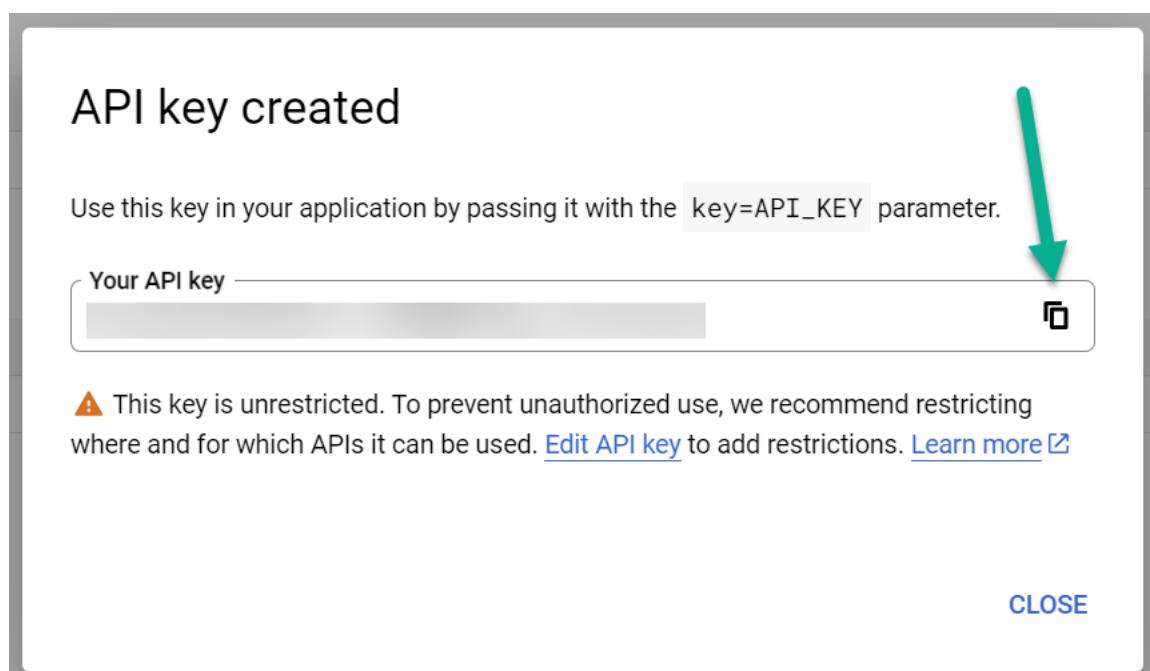
OAuth client ID

Requests user consent so your app can access the user's data

Service account

Enables server-to-server, app-level authentication using robot accounts

Once completed, the following screen will be displayed, use the copy button and paste it into D365 eftsure "Know Your Payee" parameters form.



API key created

Use this key in your application by passing it with the `key=API_KEY` parameter.

Your API key 

⚠ This key is unrestricted. To prevent unauthorized use, we recommend restricting where and for which APIs it can be used. [Edit API key](#) to add restrictions. [Learn more ↗](#)

CLOSE

Mapbox API

General

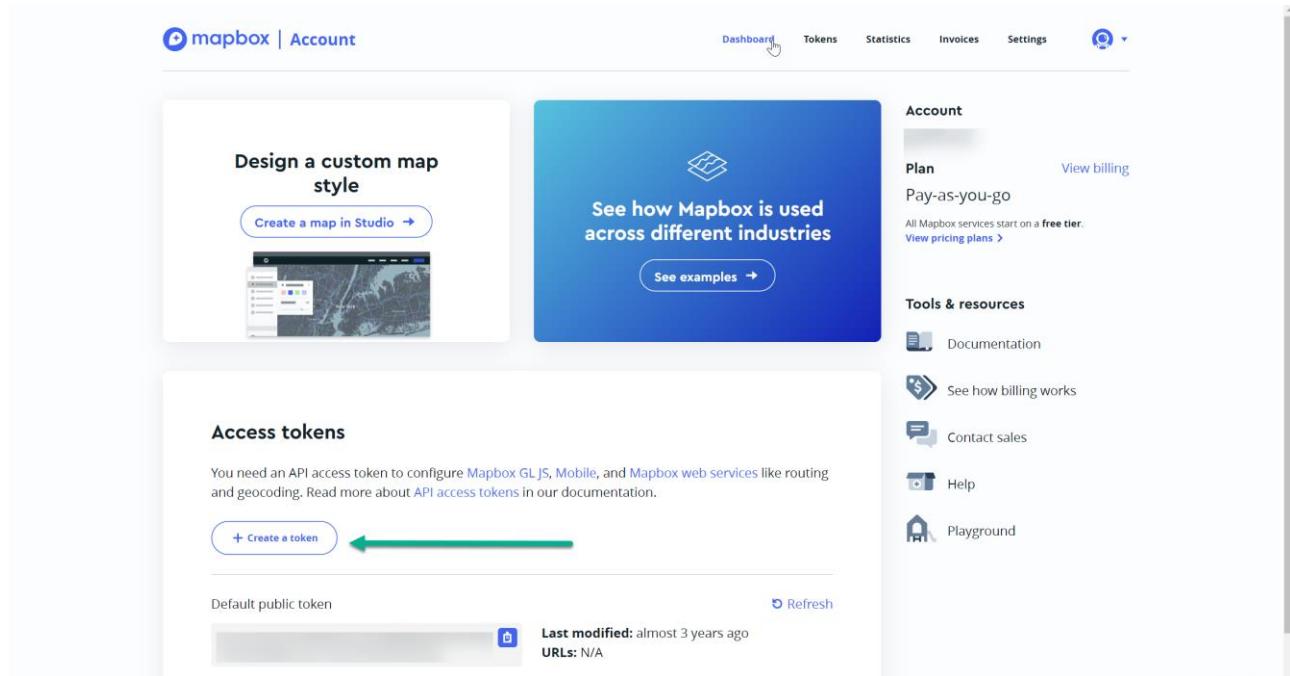
Mapbox is an American provider of custom online maps for websites and applications, currently allowed in China...

A simple API key is required for these options.

Simple key creation

Go to <https://account.mapbox.com/> and login with a mapbox account.

Select Create a token:



The screenshot shows the Mapbox Account dashboard. At the top, there are links for Dashboard, Tokens, Statistics, Invoices, and Settings. The main content area has two main sections: 'Design a custom map style' and 'See how Mapbox is used across different industries'. Below these, the 'Access tokens' section is visible. It contains a 'Create a token' button, a 'Default public token' section with a token ID, and a sidebar with account and tools information.

Access tokens

You need an API access token to configure Mapbox GL JS, Mobile, and Mapbox web services like routing and geocoding. Read more about API access tokens in our documentation.

+ Create a token

Default public token

Last modified: almost 3 years ago
URLs: N/A

Dashboard Tokens Statistics Invoices Settings

Account

Plan Pay-as-you-go View billing

All Mapbox services start on a **free tier**. View pricing plans >

Tools & resources

- Documentation
- See how billing works
- Contact sales
- Help
- Playground

Enter a token name and leave default values and select Create token:

mapbox | Account

Dashboard Tokens Statistics Invoices Settings

Press F11 to exit full screen

Back to all access tokens

Create an access token

Token name
Choose a name to help associate it with a project.

Name 0 / 128

Token scopes
All tokens, regardless of the scopes included, are able to view styles, tilesets, and geocode locations for the token's owner. [Learn more.](#)

Public scopes

<input checked="" type="checkbox"/> STYLES:LIST	<input checked="" type="checkbox"/> STYLES:READ	<input checked="" type="checkbox"/> FONTS:READ	<input checked="" type="checkbox"/> DATASETS:READ
<input checked="" type="checkbox"/> VISION:READ			

Secret scopes

<input type="checkbox"/> SCOPES:LIST	<input type="checkbox"/> MAP:READ	<input type="checkbox"/> MAP:WRITE	<input type="checkbox"/> USER:READ
<input type="checkbox"/> USER:WRITE	<input type="checkbox"/> UPLOADS:READ	<input type="checkbox"/> UPLOADS:LIST	<input type="checkbox"/> UPLOADS:WRITE
<input type="checkbox"/> FONTS:LIST	<input type="checkbox"/> FONTS:WRITE	<input type="checkbox"/> STYLES:WRITE	<input type="checkbox"/> STYLES:LIST
<input type="checkbox"/> STYLES:DOWNLOAD	<input type="checkbox"/> STYLES:PROTECT	<input type="checkbox"/> TOKENS:READ	<input type="checkbox"/> TOKENS:WRITE
<input type="checkbox"/> DATASETS:LIST	<input type="checkbox"/> DATASETS:WRITE	<input type="checkbox"/> TILESETS:LIST	<input type="checkbox"/> TILESETS:READ
<input type="checkbox"/> TILESETS:WRITE	<input type="checkbox"/> DOWNLOADS:READ	<input type="checkbox"/> VISION:DOWNLOAD	<input type="checkbox"/> NAVIGATION:DOWNLOAD
<input type="checkbox"/> OFFLINE:READ	<input type="checkbox"/> OFFLINE:WRITE		

Token restrictions
Make your access tokens more secure by adding URL restrictions. When you add a URL restriction to a token, that token will only work for requests that originate from the URLs you specify. Tokens without restrictions will work for requests originating from any URL.

URLs
Restrict this token to specific URLs. You can add URLs one at a time or as a comma-separated list. Your URL's format is important. Learn more about how to format your URL on our [access token documentation page](#). This feature is compatible with many Mapbox tools with some limitations. For web applications using Mapbox GL JS, it requires version 0.53.1 and higher. It is not currently compatible with Mapbox native SDKs.

Select the copy button and paste the API key into D365 eftsure “Know Your Payee” parameters form.

mapbox | Account

Dashboard Tokens Statistics Invoices Settings

[+ Create a token](#)

Access tokens

You need an API access token to configure Mapbox GL JS, Mobile, and Mapbox web services like routing and geocoding. Read more about [API access tokens](#) in our documentation.

Name	Token	Last modified	URLs
NewToken		1 minute ago	0