WHITE PAPER

API Keys

Eftsure inside Microsoft Dynamics 365 for F&O

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Contents

Introduction

This document describes the process required to register an API Key from either Map 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.

2 main options can be configured in eftsure inside D365:

    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:

    Bing Maps & Bing Suggestions

    Google Maps & Google AutoComplete

    Mapbox Maps

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.

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Bing Maps APIs

General

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

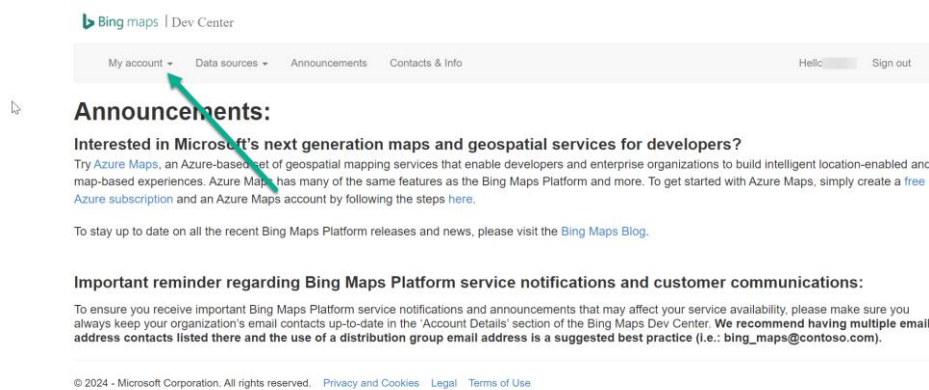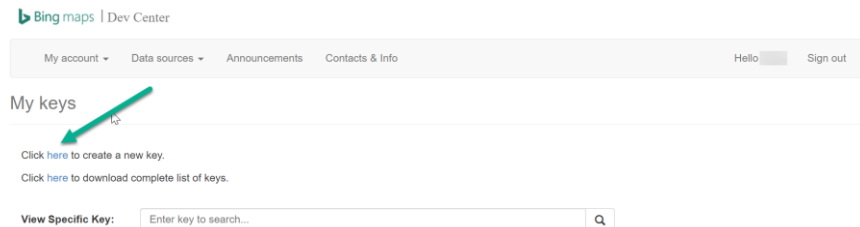For more information, please visit Microsoft site directly:

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.

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

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

When the process completes, the following message is displayed:

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

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.

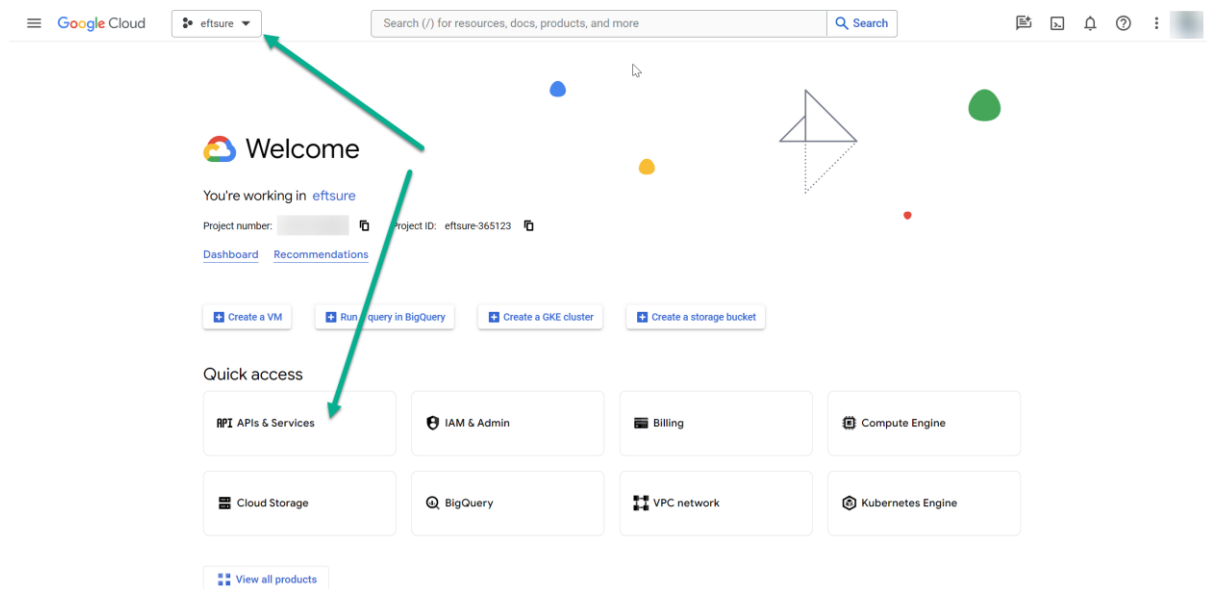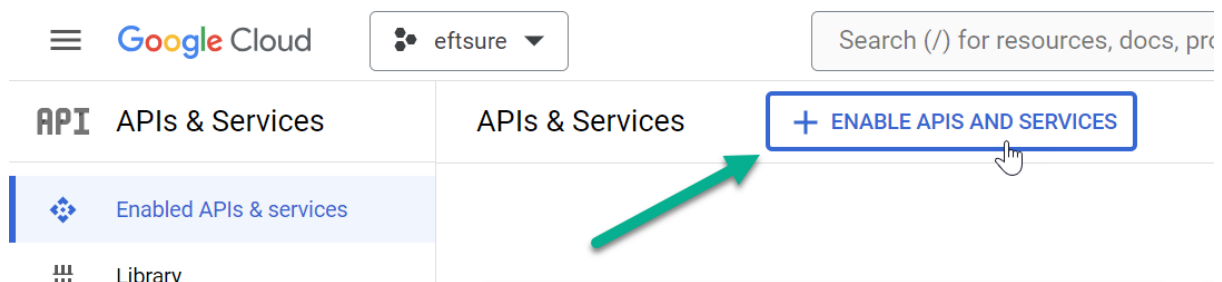For more information, please visit Google site directly:

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

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.
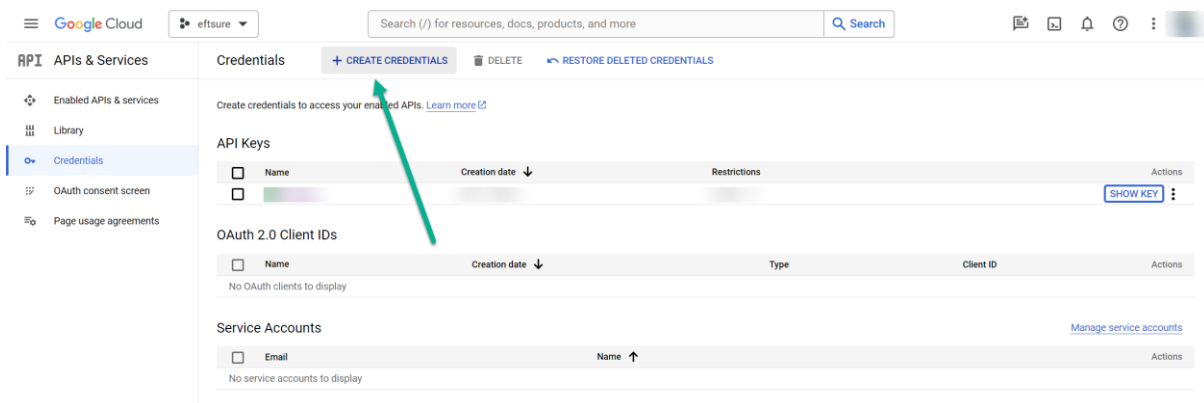
Additional details
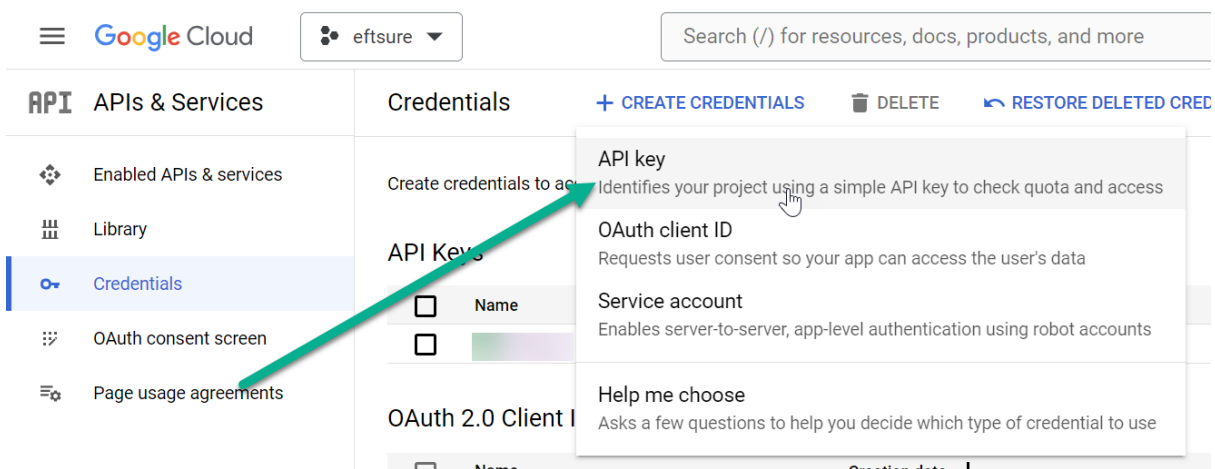
Type: SaaS & APIs

Last product update: 9/29/22

Category: Google Enterprise APIs, Maps
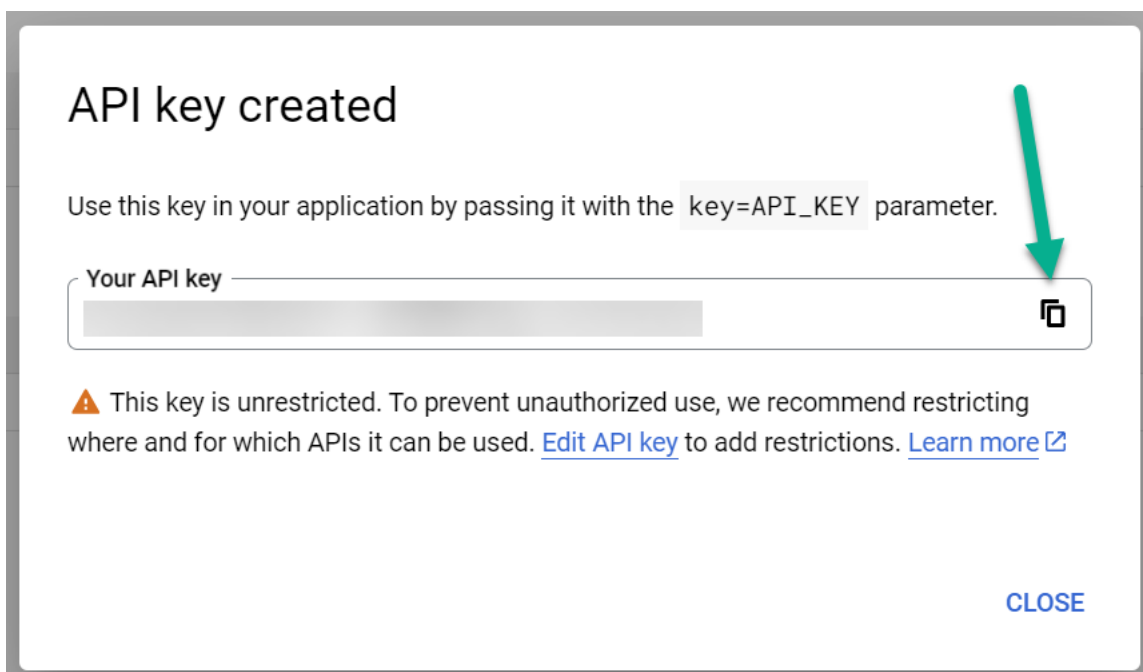
Service name: places-backend.googleapis.com

Go to Credentials and select Create Credentials:

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Select API Key:

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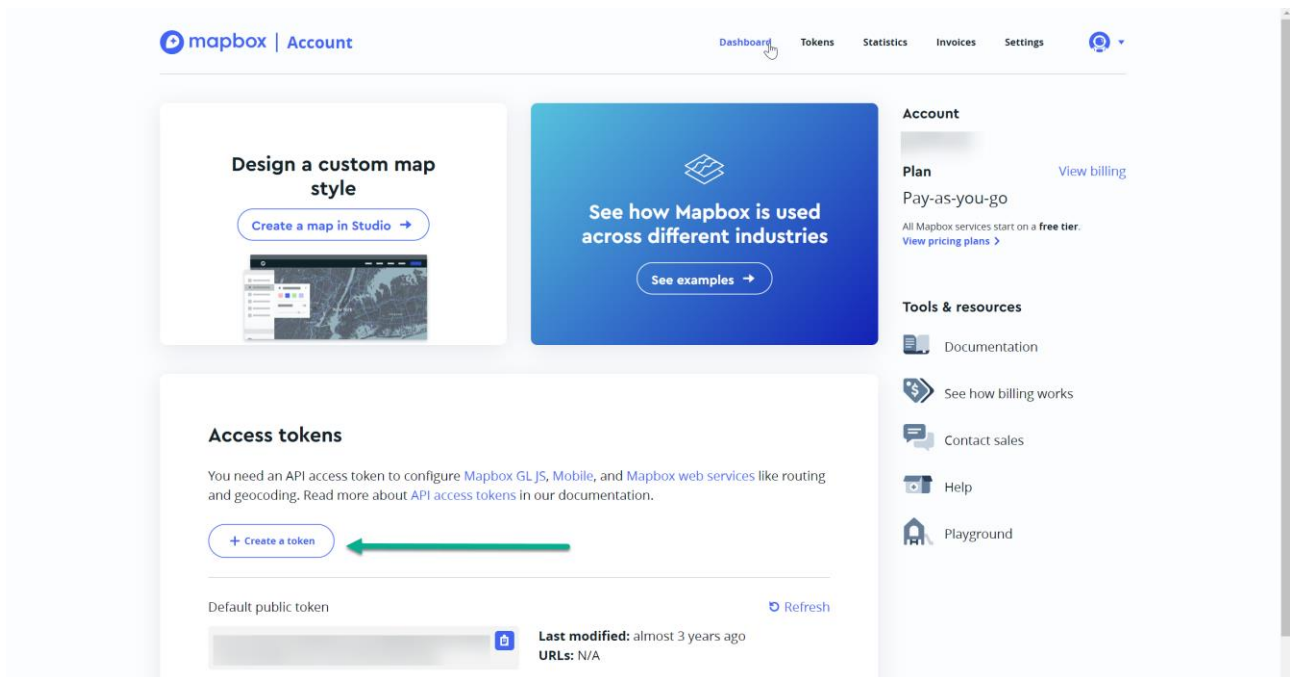
Mapbox API

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:

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

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