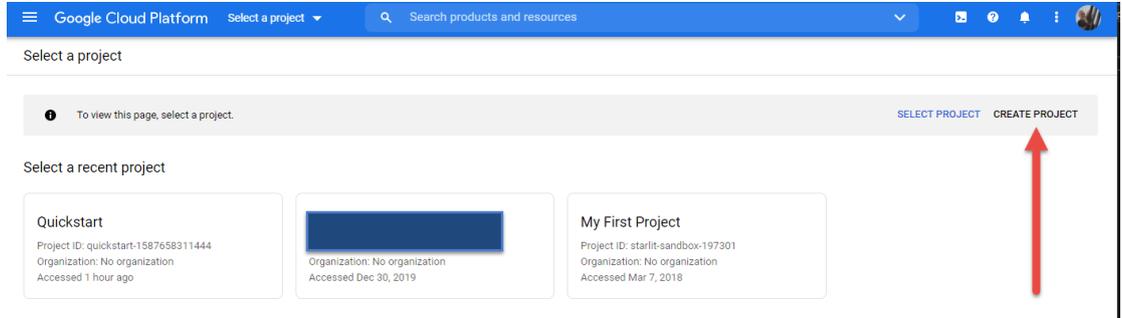
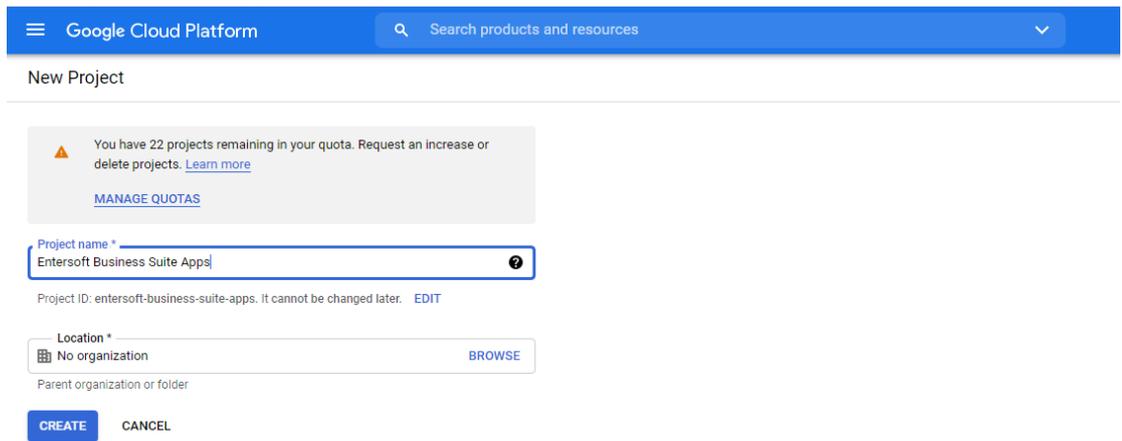


How to generate Google services API Keys

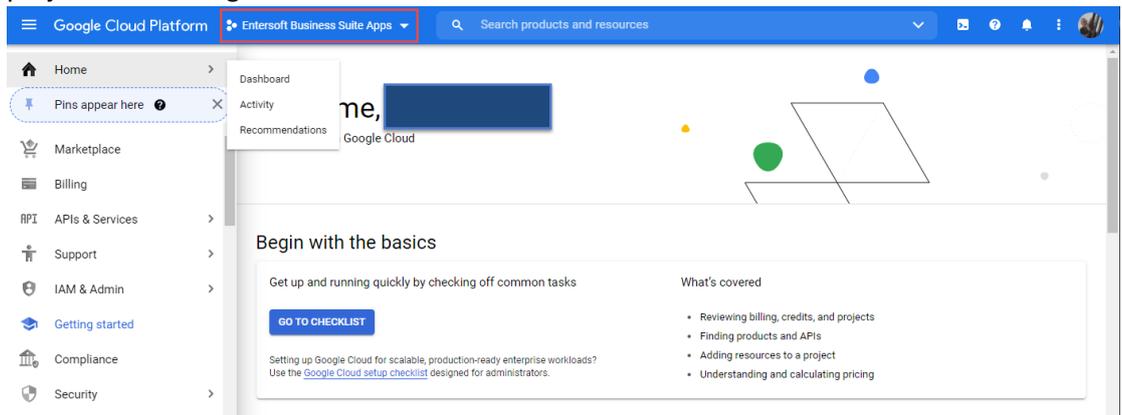
1. Go to <https://console.cloud.google.com/projectselector2> and login with your company wide Google credentials.



2. Create a new project. As for the Project Name, it is a good practice to provide a meaningful name of the context under which the API Keys will be generated and be used by the other apps.

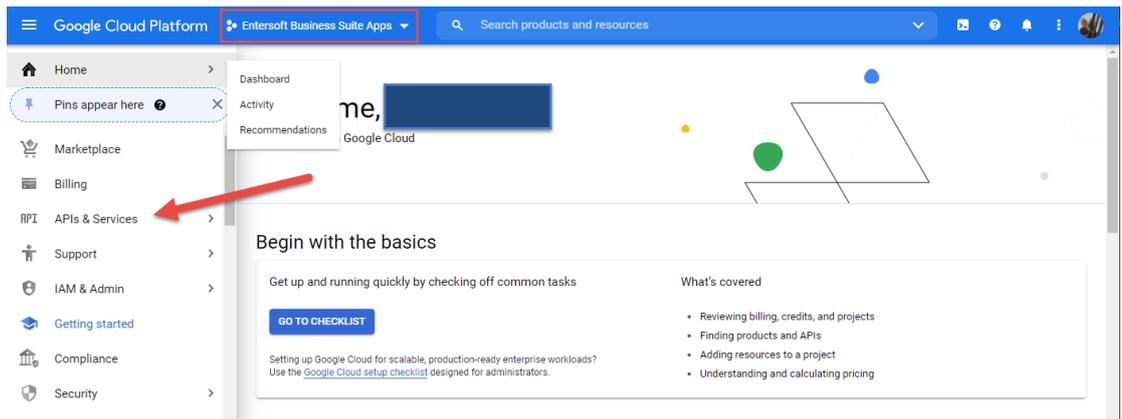


3. After the successful creation of the new project you will be redirected to the project's Home Page as shown below:

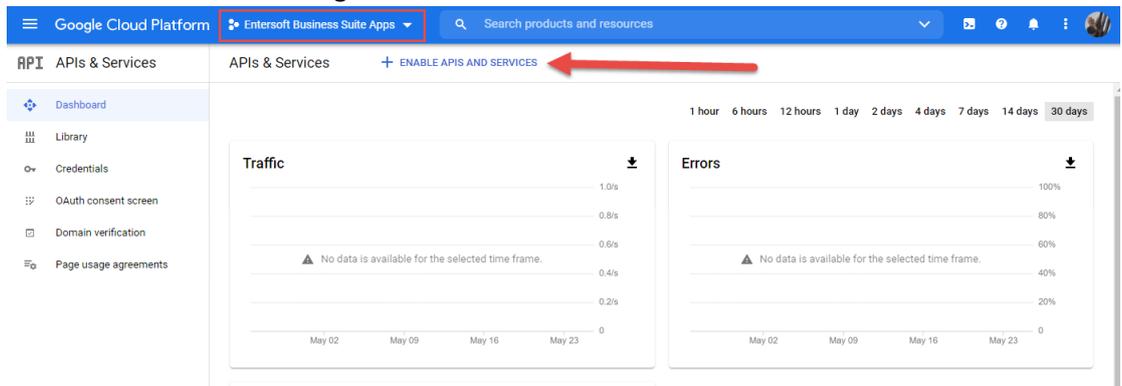


Notice that the active project is shown on the Top bar (marked with red square).

4. From this page, Click the "APIs & Services" option on the left-side menu.



- Then you will be navigated to “APIs & Services”. Click the “Enable APIs and Services” button as shown in the image below:



- Depending on the features you want to integrate with Entersoft Business Suite, select the appropriate API from the list that will be presented to you. For example, for Entersoft Visit Plan module of Entersoft CRM, or for the Routing Services for Entersoft WMS you will need the following Google API’s to be enabled:
 - Distance Matrix API
 - Geocoding API

Enable both the APIs as shown below:

Google Cloud Platform Entersoft Business Suite Apps Search products and resou...

Google Maps Platform APIs

Overview
APIs
 Metrics
 Quotas
 Credentials
 Support
 Locator Plus Solution
 Address Selection Solution
 Map Management
 Map Styles **NEW**

Enabled APIs
 Select an API to view details. Figures are for the last 30 days.

API ↑	Requests	Errors	Avg latency (ms)	
Distance Matrix API	0	0	-	Details

Additional APIs
 Select an API to view details in Marketplace

- API
- Maps SDK for Android
- Directions API
- Maps Elevation API
- Maps Embed API
- Geocoding API
- Geolocation API
- Maps JavaScript API
- Roads API
- Maps SDK for iOS
- Time Zone API
- Places API
- Maps Static API
- Street View Static API

Google Cloud Platform Entersoft Business Suite Apps

Geocoding API
 Google
 Convert between addresses and geographic coordinates.

ENABLE

OVERVIEW PRICING DOCUMENTATION SUPPORT

Overview
 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).

About Google
 Google's mission is to organize the world's information and make it universally accessible and useful. Through products and platforms like Search, Maps, Gmail, Android, Google Play, Chrome and YouTube, Google plays a meaningful role in the daily lives of billions of people.

Pricing
 Flexible pricing that scale to fit your needs. Plus, get [USD 200.00](#) in free usage for Maps, Routes, and Places every month.

Additional details
 Type: [APIs & services](#)
 Last updated: 3/18/21
 Category: [Maps](#)
 Service name: geocoding-backend.googleapis.com

7. By the end of this process, you should end-up with the following status:

Google Cloud Platform Entersoft Business Suite Apps Search products and resou...

Google Maps Platform APIs

Overview
APIs
Metrics
Quotas
Credentials
Support
Locator Plus Solution
Address Selection Solution
Map Management
Map Styles NEW

Enabled APIs

Select an API to view details. Figures are for the last 30 days.

API ↑	Requests	Errors	Avg latency (ms)	
Distance Matrix API	0	0	-	Details
Geocoding API	0	0	-	Details

Additional APIs

Select an API to view details in Marketplace

- API
- Maps SDK for Android
- Directions API
- Maps Elevation API
- Maps Embed API
- Geolocation API
- Maps JavaScript API
- Roads API
- Maps SDK for iOS
- Time Zone API
- Places API
- Maps Static API
- Street View Static API

8. Click the “Credentials” button on the left-side menu.

Google Cloud Platform Entersoft Business Suite Apps Search products and resou...

Google Maps Platform APIs

Overview
APIs
Metrics
Quotas
Credentials
Support
Locator Plus Solution
Address Selection Solution
Map Management
Map Styles NEW

Enabled APIs

Select an API to view details. Figures are for the last 30 days.

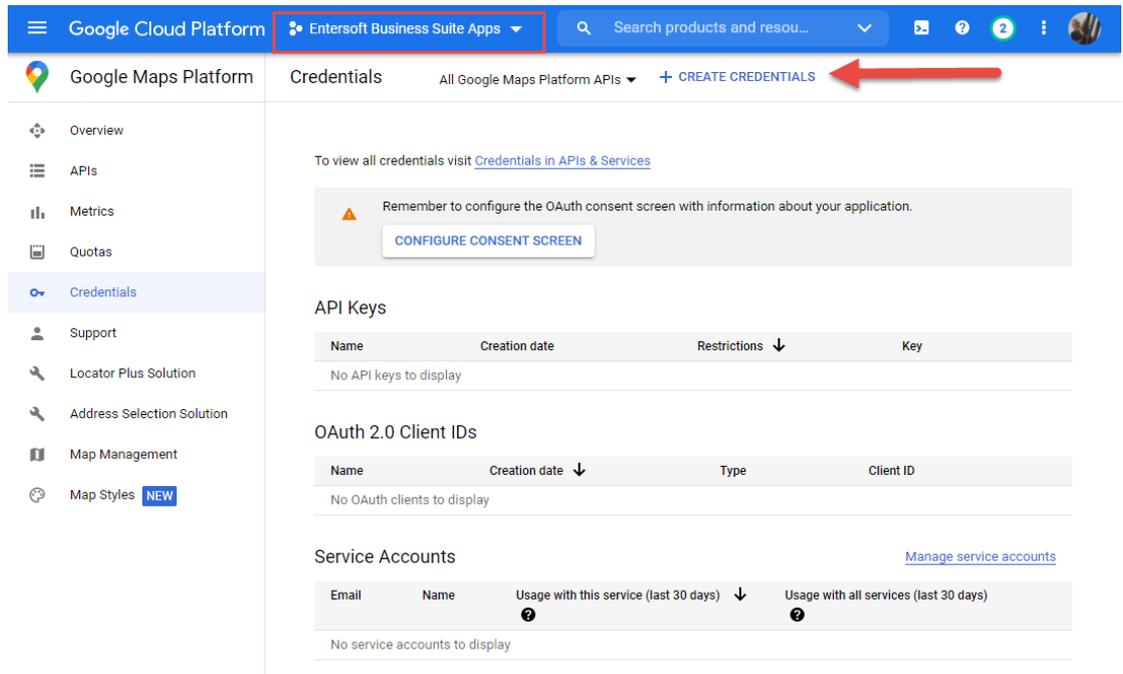
API ↑	Requests	Errors	Avg latency (ms)	
Distance Matrix API	0	0	-	Details
Geocoding API	0	0	-	Details

Additional APIs

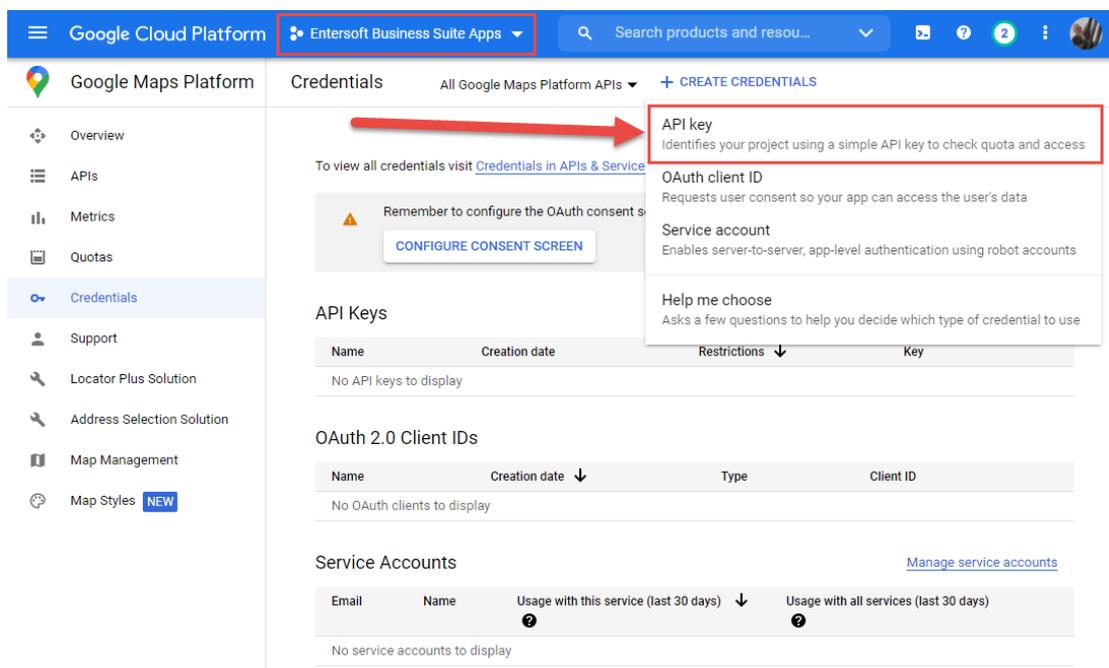
Select an API to view details in Marketplace

- API
- Maps SDK for Android
- Directions API
- Maps Elevation API
- Maps Embed API
- Geolocation API
- Maps JavaScript API
- Roads API
- Maps SDK for iOS
- Time Zone API
- Places API
- Maps Static API
- Street View Static API

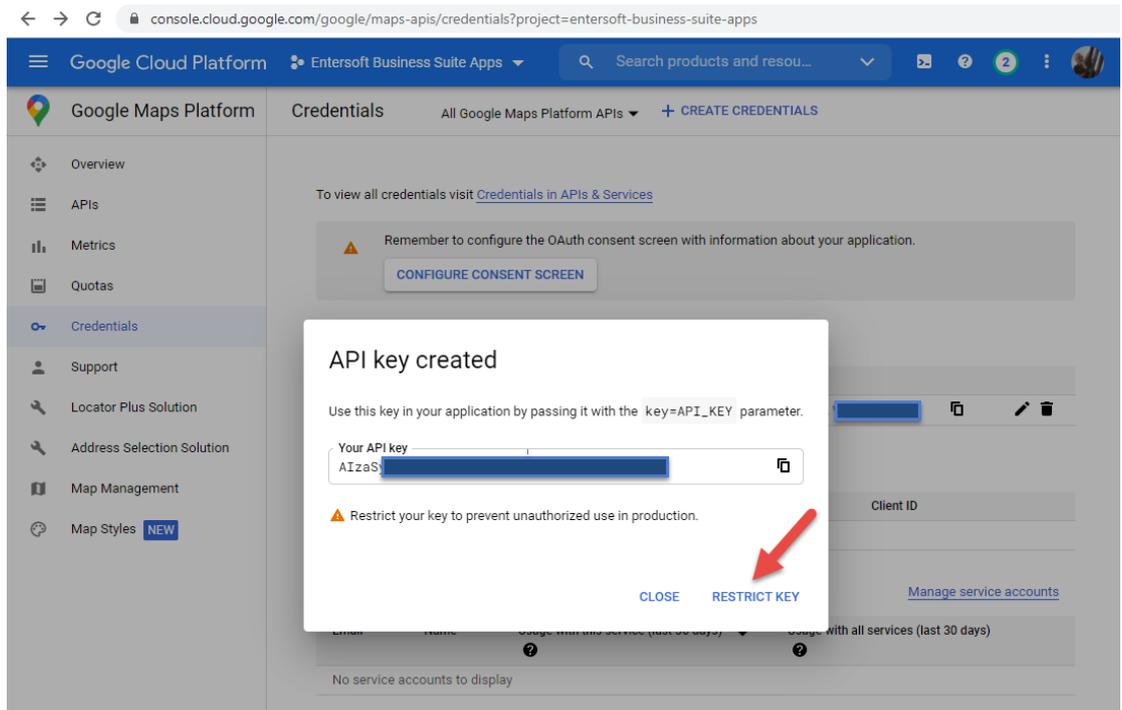
9. You will be navigated to the “Credentials” page. Click on the “Create Credentials” button as shown in the image below:



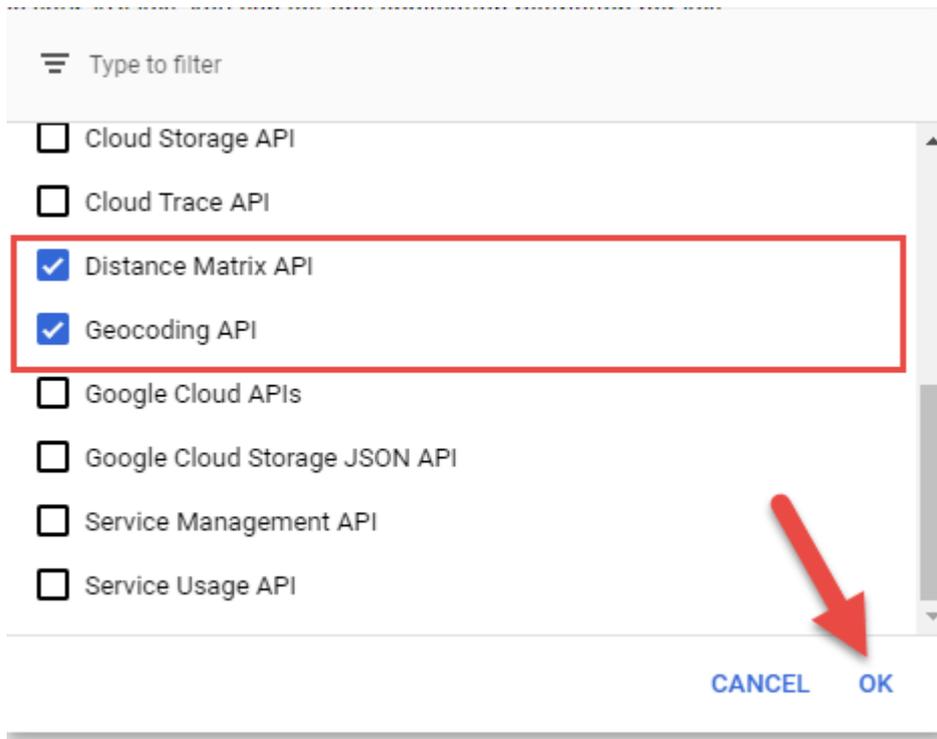
10. From the drop-down menu, select the “API key” option:



11. In the “API key Created” popup, press the “Restrict Key” button, to restrict the usage of the key in the context of the APIs that we have enabled in the project.



12. After you select the appropriate APIs that this generated key can be used for, press OK:



13. Then you will be navigated to the final step of the process, so you can review your settings and Save them. Should everything is fine, then press SAVE:

Google Cloud Platform Entersoft Business Suite Apps Search products and resources

APIs & Services Restrict and rename API key REGENERATE KEY DELETE

Name *
API key 1

Key restrictions
This key is unrestricted. Restrictions help prevent unauthorized use and quota theft. [Learn more](#)

Application restrictions
An application restriction controls which websites, IP addresses, or applications can use your API key. You can set one application restriction per key.

None
 HTTP referrers (web sites)
 IP addresses (web servers, cron jobs, etc.)
 Android apps
 iOS apps

API restrictions
API restrictions specify the enabled APIs that this key can call

Don't restrict key
This key can call any API
 Restrict key

2 APIs

Selected APIs:
Distance Matrix API
Geocoding API

Note: It may take up to 5 minutes for settings to take effect

SAVE CANCEL

API Key
AIza... [Redacted] 

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

Creation date May 25, 2021 at 1:45:22 PM GMT+3

14. You can copy the API Key (see the blue arrow), so you can paste it in the appropriate configuration point within Entersoft Business Suite family products.