Google API Mapping – What is an API Call with Google Maps?
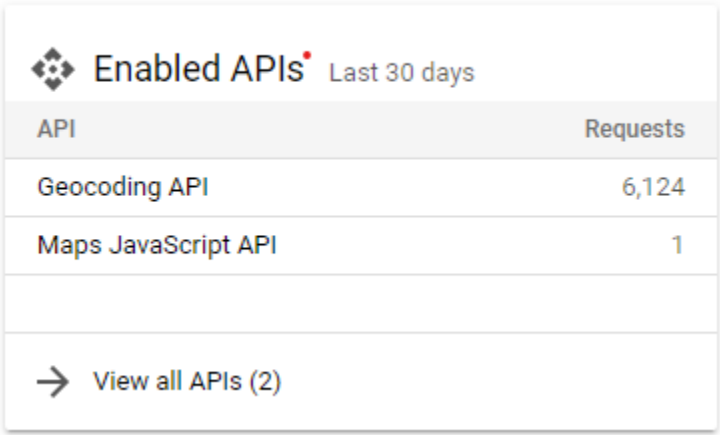
In iSOMS when you click on a Map Marker to Show a Single Point on Google Maps, or you click button to get the Lat/Long from an address to populated a report. That is considered an API Call to Google for Address information.   If you mapped your current active calls, and there were 10 Active calls, that would be 10 API requests to Google Maps for location information.

Google API Mapping Keys – (have a free number per day/hour) but require a Credit Card on file for additional billing. Below are examples, and the link can explain current details?

https://developers.google.com/maps/gmp-get-started

By default Mapping is *DISABLED*. You will be able to get Lat/Long for Incident addresses for IBRS but the mapping and mapping point are disabled until your domain is connected to Google's API.

iSOMS had ability to map a single point, several points and retrieve a Lat/Long from an address to populate a report. To do this we use the Google Mapping API's. **Google Mapping API's "are not free",** but they offer, currently as of 07/01/2019, a ***200.00 per month billing credit*** to each agency that signs up themselves **AND** applies an agency credit card. The 200.00 billing credit is equal to about 100,000 API Calls per month (that is a lot, and for most agencies all they will need).   However; this is a cap, if you go over this in the month it will decline the Location information and either not map the point, or not give you to Lat/Long of the address. To resolve that, M & M Micro can increase annual support contact to ***pre-buy*** more monthly API transactions as needed.   Currently google pricing is $5.00 per 1000 API Calls. This could change at any time, as well as their policy to give monthly billing credit. We are relying on Google API for our Mapping, should their billing policy change, your annual/monthly support will need to increase to allow this feature in our product to work.   If google does not allow us to manage this with the billing credit, we will increase annual support to match your agency needs for mapping. At first glance we are thinking 100.00 per month would give most agencies needed ability for basic mapping, reverse Lat/Long.