



# License Metrics for Qlik GeoAnalytics™

The License Metrics are part of the Documentation for Qlik GeoAnalytics (“Software”).

## 1. Overview

Qlik GeoAnalytics enables geographical analysis with both Qlik Sense and QlikView. The Software includes i) extensions that provide geographical visualizations, and ii) a Qlik GeoAnalytics Connector. The Connector is used to load data from supported data sources and enables several analytical operations using a wizard that can be applied to external data or data that is already loaded in a Qlik application.

## 2. Qlik GeoAnalytics Products

Product	Description	Licensing
Qlik GeoAnalytics for QlikView and Qlik Sense (Base Module)	The licensed Software consists of extension objects used in the client and a connector. The connector then talks to an external server, which does all lookups and operations and sends back the results.	GeoAnalytics Software is licensed on a perpetual basis. GeoAnalytics for OEM is licensed as an annual subscription.  One license is required per Qlik Sense Site or QlikView Server/ Cluster.
<b>Option:</b> Qlik GeoAnalytics Plus	Geo-calculations are performed on premise, except for routing and location lookups.	Licensed with Qlik GeoAnalytics Base Module
<b>Option:</b> Qlik GeoAnalytics Local Map Server	Background maps and location lookups are performed on premise.	Licensed with Qlik GeoAnalytics Base Module
<b>Option:</b> Qlik GeoCoding		Licensed with Qlik GeoAnalytics Base Module or with the Qlik GeoAnalytics Enterprise Server
Qlik GeoAnalytics Test Environment		Licensing requirements are the same as the Base Module
Qlik GeoAnalytics Enterprise Server	Background maps, location lookups and geo calculations are performed on premise.	Licensing requirements are the same as the Base Module



## 2. Qlik GeoAnalytics Test Environment

A Test Environment provides an environment separate from production to use for data validation, application testing, and preparation/migration of QlikView/Qlik Sense documents including Geospatial information. The Test Environment includes options for Qlik GeoAnalytics Plus and Qlik GeoAnalytics Local Map server.

## 3. Qlik GeoAnalytics Data Restrictions

Qlik GeoAnalytics Software includes a Qlik GeoAnalytics Connector that enables functions for geographic analysis when data is loaded into Qlik Sense and QlikView. Depending on the product, the Connector has certain restrictions in the size of the indata to each operation call. The Connector supports different indata types, but the indata is typically a loaded table.

The route-based operations are restricted separately. The route operations are: “Route”, “TravelAreas” and “Closest” (all transportation modes except “Bird”). (Tip: Instead of calculating many routes, one TravelArea operation can be used to replace many route calculations.)

Location lookups are operations that use the included location database: “Standard Areas and Points.” A lookup occurs when a place name is translated into an area or a point. A place name can, for instance, be a country, county, city, zip code or an airport.

Product	Data Source	Data Source for Route-Based Operations	Location Lookups
Qlik GeoAnalytics for QlikView and Qlik Sense	20,000 rows	100 rows	20,000 rows
Option: Qlik GeoAnalytics Plus	Up to available memory	400 rows	50,000 rows
Qlik GeoAnalytics Enterprise Server	Up to available memory	Unlimited (available memory)	Unlimited (available memory)

## 5. GeoCoding

GeoCoding is an optional add on feature, which provides address to coordinate operations and reverse lookups from coordinate to address. The address conversions are permanent and can be stored in local file format. The normal procedure is to convert only new or changed addresses and save the result.

GeoCoding is available with an additional fee and permits up to one million lookups yearly. Any transactions in excess of one million will be charged as incurred and based on the then current price list.



## 6. GeoAnalytics Operations

The Software is not intended for use with high risk activities such as operation of nuclear facilities, air traffic control or life support systems, where the use or failure of the Software or operations could lead to death, injury, or environmental damage.

The Software is used to perform analytic operations and enables access to third party content without additional service or access fees, unless otherwise indicated. Third party content may not be used, distributed, or sold outside of a licensed implementation. Qlik does not guarantee the accuracy of third party data and may remove, discontinue, or alter content, availability and other characteristics of the data at any time. Any third-party component embedded, included or provided with the Software may only be used in conjunction with the Software.