



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 consists of (i) extensions that provide geographical visualizations, (ii) a Qlik GeoAnalytics Connector and (iii) for Qlik GeoAnalytics Enterprise Server, a Qlik GeoAnalytics Server. 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 Base	<p>The Base Software¹ consists of extension objects used in the client and a connector. The connector and the extensions communicate with an external Qlik-hosted server that does all lookups and operations and sends back the results.</p> <p>Qlik GeoAnalytics Base includes a user-selectable feature, Qlik GeoAnalytics Plus, that can be installed to provide geo calculations on premise (except routing and location lookups) and access to local resources.</p>	<p>Qlik GeoAnalytics Base is licensed on a perpetual basis or as an annual subscription.</p> <p>Each Qlik GeoAnalytics Base license may be used with multiple QlikView and/or Qlik Sense servers.</p>
Qlik GeoAnalytics Enterprise Server (includes a Qlik GeoAnalytics Test Server)	<p>The Enterprise Server Software includes all of the features of Qlik GeoAnalytics Base plus a local server that provides background maps, location lookups and geo-calculations (serving of satellite imagery is performed remotely).</p>	<p>Qlik GeoAnalytics Enterprise Server is licensed on a perpetual basis or as an annual subscription.</p> <p>Each Qlik GeoAnalytics Server is separately licensed, but one Qlik GeoAnalytics Enterprise Server can serve multiple QlikView and/or Qlik Sense servers.</p>
Qlik GeoAnalytics Test Server	<p>The Test Server Software includes all of the features of Qlik GeoAnalytics Enterprise Server but is limited to use only in a Test Environment.</p>	<p>Test Server is a server license that provides an environment separate from production to use for data validation, application testing, and preparation/migration of Qlik Applications to new versions and/or releases of QlikView or Qlik Sense.</p>

¹GeoAnalytics data is included without additional charge for so long as i) Licensee maintains a subscription, or remains current on Maintenance with a perpetual license, and ii) Qlik continues to make such data generally available.



Qlik Geocoding	Add-on package for Qlik GeoAnalytics Base and GeoAnalytics Enterprise Server that provides conversion from street addresses to geographical coordinates, and vice versa.	Qlik Geocoding requires Qlik GeoAnalytics Base or Qlik GeoAnalytics Enterprise Server, and is licensed as a fixed quantity of geocoding lookups that must be exercised within one (1) year of purchase.
Qlik GeoAnalytics for OEM	Same as Qlik GeoAnalytics Base.	Qlik GeoAnalytics for OEM is licensed as an annual subscription.
Qlik GeoAnalytics Enterprise Server for OEM (includes a Qlik GeoAnalytics Test Server)	Same as Qlik GeoAnalytics Enterprise Server.	Qlik GeoAnalytics Enterprise Server for OEM is licensed as an annual subscription.
Qlik Geocoding for OEM	Same as Qlik Geocoding	Qlik Geocoding for OEM requires Qlik GeoAnalytics for OEM or Qlik GeoAnalytics Enterprise Server for OEM, and is licensed as a fixed quantity of geocoding lookups that must be exercised within one (1) year of purchase.

3. 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.

4. Qlik GeoAnalytics Operations

Qlik GeoAnalytics includes geographic analysis operations when data is loaded into Qlik Sense or QlikView. Depending on the product, there are certain restrictions in the following categories:

- Data Source per Operation. This is related to the size of size of the input data to each operation call. The Connector supports different input data types, but the input data is typically a loaded table.
- Data Source for Route-Based Operations. The route operations are: “Route,” “TravelAreas” and “Closest” (all transportation modes except “Bird”).
- Location Lookups. These are operations that use the included location database, such as “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.
- Map Views. Each Map View is a map transaction that is used to load a map image or tile into the browser window. A typical map consists of ten (10) tiles.



Product	Maximum Data Source per Operation	Maximum Data Source for Route-Based Operations	Location Lookups	Map Views
Qlik GeoAnalytics Base or Qlik GeoAnalytics for OEM	20,000 rows (With Qlik GeoAnalytics Plus installed, up to available memory)	400 rows With Qlik GeoAnalytics Plus installed, unlimited (up to available memory)	50,000 rows With Qlik GeoAnalytics Plus installed, unlimited (up to available memory)	1 million per month per Customer or OEM Partner
Qlik GeoAnalytics Enterprise Server or Qlik GeoAnalytics for OEM – Enterprise Server	Up to available memory	Unlimited (available memory)	Unlimited (available memory)	Unlimited (available memory)

5. Qlik Geocoding Operations

Qlik Geocoding provides geographical (GPS) coordinates corresponding to a location, such as a street address and vice versa. Address and key information is sent to remote servers for each lookup request. Each address or individual coordinate set sent to the Qlik Geocoding server constitutes a lookup request, regardless of the extent to which resulting data is returned (e.g. an invalid or incomplete street address or GPS coordinates may result in non-discrete data or no data at all being returned). Up to five thousand (5,000) lookup requests may be sent in a single call to the Geocoding server.

Geocoding is sold as a fixed quantity of lookup requests, where such quantity of lookups must be used within one (1) year from the date of purchase. Unused lookup requests remaining as of the date of expiration are forfeited.

6. Cold Standby for Qlik GeoAnalytics Enterprise Server

Qlik GeoAnalytics Base and Enterprise Server licenses can be installed on as many servers as required for backup or disaster recovery purposes. However, no more than the licensed number of GeoAnalytics Software may be running at any given time. Thus, a cold standby environment can be installed and ready to run, but cannot be live (that is, the services cannot be started) and in use prior to the live environment being shut down.