



Product Descriptions for Qlik Cloud® Subscriptions

This Product Description for Qlik Cloud is part of the Documentation and governs the use of all products hosted on Qlik Cloud, including Qlik Cloud Data Integration, Qlik Cloud Analytics, Qlik Sense® Enterprise SaaS, Qlik Sense Business as well as subscription add-ons for Qlik Application Automation®, Qlik AutoML™, Qlik Reporting® Service and Qlik Geocoding.

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I. Qlik Cloud Overview

A. Overview

Qlik Cloud subscriptions include options for data integration and analytics. Qlik Cloud Data Integration is available in Standard, Premium and Enterprise editions with various capacity options. In the analytics product category, offerings include Qlik Cloud Analytics, which is also available in Standard, Premium and Enterprise editions, and Qlik Sense SaaS, which includes Qlik Sense Enterprise SaaS and Qlik Sense Business editions. For eligible U.S. government customers, Qlik Cloud Data Services and Qlik Sense Enterprise SaaS - Gov (US) are available options. A base level of Application Automation, Qlik AutoML and Qlik Reporting Service is included with most Qlik Cloud subscriptions as detailed below. Additional product options may also be added to any Qlik Cloud subscription.

B. Capacity-Based Model

Qlik Cloud Data Integration and Qlik Cloud Analytics are both offered with capacity-based editions, which are described in more detail below. Both products share common features, including a) Full or Basic Users, b) Overage, and c) Capacity or Data Packs.

1. Full and Basic Users. A Full User can perform all actions in the tenant that are enabled by the tenant administrator for the user profile and enabled by the space owner, including the ability to create, view and edit content, export charts and applications, or work with data spaces to access data integration, automations and machine learning. Full Users can be assigned administrative or any space roles in the tenant. A Full User is assigned to a named user for internal use only, unless a Qlik Cloud OEM Edition is purchased. Full Users receive 1 GB of data in the personal space for analytics applications. A Basic User is a named user and may be deployed to authorized third parties for external use. A Basic User is intended for limited read-only cases and is permitted to view content, create notes and private bookmarks. Basic Users are not available with the Standard editions.

2. **Overage.** Overage can occur when a customer’s actual usage exceeds the purchased capacity limits. Overage allows continued access to Qlik Cloud without interruption and is applicable to the products features shown below. Where overage is applicable, continued usage will be permitted until consumption reaches ten (10) times the included and purchased capacity limit. Overages are billed monthly in arrears based on consumption as displayed in the Qlik Management Console. Customer will be billed for the number of overage units incurred, including partially used quantities. Note the Qlik Cloud Analytics Standard edition does not allow overage. If the capacity limit is reached, the Data for Analysis must be deleted below the limit, or the edition must be upgraded.

Capacity Limit or Unit	Overage Enabled
Capacity Pack (Data Moved)	Yes
Data Pack (Data for Analysis)	Yes
Qlik Reporting (Reports)	Yes
Qlik Application Automation (Runs)	Yes
Deployed AutoML Models	No
Full or Basic Users	No

3. **Capacity or Data Packs.** Qlik Cloud Data Integration requires the purchase of Capacity Packs, which are sold in 1 TB increments. Qlik Cloud Analytics Standard requires a purchase of minimum of 10 Full Users; Premium requires the purchase of Data Packs (25GB or 250GB), and a minimum of 1 Full User; Enterprise requires the purchase of Data Packs (250GB). The unit of measure for Qlik Cloud Data Integration Capacity Packs and Qlik Cloud Analytics Data Packs are represented by GB (gigabytes) in the user interface and documentation. Each GB in binary represents a GiB (or 1,073,741,824 bytes).

II. Qlik Cloud Data Integration

Qlik Cloud Data Integration is a hosted and managed Integration Platform as a Service (iPaaS), which provides the ability to create data pipelines to perform a variety of data integration tasks. Qlik Cloud Data Integration Standard, Premium and Enterprise editions are described below. All Qlik Cloud Data Integration editions require the purchase of a Capacity Pack, which governs the volume of data moved from a source system to a target or destination system. Each subscription includes a single cloud instance.

A. Qlik Cloud Data Integration Editions

	Standard	Premium†	Enterprise
Supported Data Source Types	Data movement from Relational Databases & SaaS source types	Data movement from Standard sources plus SAP, Mainframe and Legacy source types	Data movement from Standard sources plus SAP, Mainframe and Legacy source types
Movement	CDC, incremental and bulk	CDC, incremental and bulk	CDC, incremental and bulk
Data Moved (per month)	Requires purchase of Capacity Packs. Min 1 TB	Requires purchase of Capacity Packs. Min 2 TB	Requires purchase of Capacity Packs. Min 1 TB (subject to additional purchase requirement)
Initial Full Data Load (per new table)	Included	Included	Included
Data Moved to Qlik Cloud	Unlimited	Unlimited	Unlimited
Basic Transformation Service	Yes	Yes	Yes



Advanced Transformation Service	No	Yes	Yes
Third Party Data Transformation	No	Included – 2TB	Included – 2TB
Number of Tenants*	1	1	1
Data for Analysis	50GB Data (Standard Analytics)	50 GB Data (Standard Analytics)	50 GB Data (Standard Analytics)
Full Users	20 Full Users	50 Full Users	*Unlimited
Basic Users	NA	NA	*Unlimited
Qlik Application Automation	** Included (5,000 runs/month)	** Included. (5,000 runs/month)	**Included (5,000 runs/month)
Qlik AutoML	**Included (2 deployed models)	**Included. (2 deployed models)	**Included (2 deployed models)
Qlik Reporting Service	NA	**Included (100 reports/month)	**Included (100 reports/month)

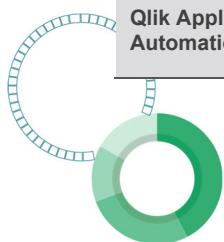
† Qlik Cloud Premium Light is available in select jurisdictions and does not include the free tiers for Qlik Application Automation, Qlik AutoML and Qlik Reporting Service.

*Up to 100,000 Full and Basic Users total per tenant.

**Details for included tiers are provided in each product section. The included tier is provided once per cloud instance.

B. OEM Qlik Cloud Data Integration Editions

	Standard	Premium†	Enterprise
Supported Data Source Types	Data movement from Relational Databases & SaaS source types	Data movement from Standard sources plus SAP, Mainframe and Legacy source types	Data movement from Standard sources plus SAP, Mainframe and Legacy source types
Movement	CDC, incremental and bulk	CDC, incremental and bulk	CDC, incremental and bulk
Data Moved (per month)	Requires purchase of Capacity Packs. Min 1 TB	Requires purchase of Capacity Packs. Min 2 TB	Requires purchase of Capacity Packs. Min 1 TB (subject to additional purchase requirement)
Initial Full Data Load (per new table)	Included	Included	Included
Data Moved to Qlik Cloud	Unlimited	Unlimited	Unlimited
Basic Transformation Service	Yes	Yes	Yes
Advanced Transformation Service	No	Yes	Yes
Data for Analysis	50 GB	50GB Standard Analytics	50GB Standard Analytics
Full Users	20 Full Users	50 Full Users	*Unlimited
Basic Users	NA	NA	*Unlimited
Qlik Application Automation	NA	** Included tier of 5,000 runs/month only with Qlik Cloud Limited Sandbox OEM	**Included tier of 5,000 runs/month only with Qlik Cloud Limited Sandbox OEM



Qlik AutoML	NA	**Included tier of 2 deployed models only with Qlik Cloud Limited Sandbox OEM	**Included tier of 2 deployed models only with Qlik Cloud Limited Sandbox OEM
Qlik Reporting Service	NA	**Included tier of 100 reports/month only with Qlik Cloud Limited Sandbox OEM	**Include tier of 100 reports/month only with Qlik Cloud Limited Sandbox OEM
Third Party Data Transformation	NA	Included – 2TB	Included – 2TB
Number of Tenants*	10	10	10
GeoAnalytics	Yes	Yes	Yes
Fine-grain access control	Yes	Yes	Yes
Qlik Cloud Limited Sandbox OEM***	NA	If permitted under a Qlik OEM Agreement, includes: - 50 GB of Data Analyzed - 1 TB of Data Moved - 1 TB of Third Party Data Transformation - 25 Full Users - Up to 10 tenants - Included tier: Qlik Application Automation; Qlik AutoML; Qlik Reporting Service	If permitted under a Qlik OEM Agreement, includes: - 50 GB Data Analyzed - 1 TB of Data Moved - 1 TB of Third Party Data Transformation - 25 Full Users - Up to 10 tenants - Included tier: Qlik Application Automation; Qlik AutoML; Qlik Reporting Service
Qlik Cloud Sandbox OEM***	Purchase	Purchase	Purchase

† Qlik Cloud Premium Light is available in select jurisdictions and does not include the free tiers for Qlik Application Automation, Qlik AutoML and Qlik Reporting Service.

* Up to 100,000 Full and Basic Users total per tenant.

**Details for “Included” tiers are provided in each product section. The “Included” tier is provided once per cloud instance.

***May be used only by OEM Partner (no external access).

C. Supported Sources and Targets

All Qlik Cloud Data Integration editions allow data to be moved to any supported target system or destination. The type of *source* systems from which data can be moved depends on the Qlik Cloud Data Integration edition selected. There is no limit on the number of data connections that can be created between supported sources and targets included within any edition. Supported source and target systems for Qlik Cloud Data Integration are identified in the links below.

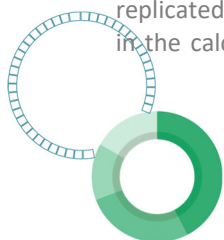
SaaS Sources: [Supported SaaS Applications](#)

Non-SaaS Sources: [Supported data sources when using Data Gateway - Data Movement – Qlik Cloud](#)

Targets: [Creating a data pipeline in a data project – Qlik Cloud](#)

D. Capacity Packs

Data Moved. All Qlik Cloud Data Integration editions require the purchase of Capacity Packs, which governs the volume of data that can be moved from a supported source system to a supported target or destination system (“Data Moved”). Data Moved is defined as the sum of all data delivered to any target system in a month and is calculated by the number of rows in the dataset multiplied by the total size of all the columns in a row (based on the data type for each column). Data Moved is measured from the beginning of the month 00:00:00 (UTC time) and reset at 23:59:59 on the last day of the month (UTC). Data is counted as it lands on the target system, which means that the same data replicated to two different targets is counted twice. The initial full load for each new table is free and is not counted in the calculation for Data Moved. Data Moved also does not include the movement of data into Qlik Cloud for



analytics purposes. Capacity Packs for Qlik Cloud Data Integration are sold in increments of 1 TB. The minimum number of capacity packs for each edition is noted above.

III. Qlik Cloud Analytics

Qlik Cloud Analytics is a hosted analytics platform that enables self-serve analytics, interactive dashboards and visualizations, custom or embedded analytics as well as reporting and alerting. Qlik Cloud Analytics is available in Standard, Premium and Enterprise editions, which are summarized below. Each subscription includes a single cloud instance.

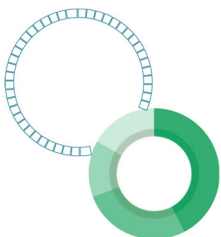
A. Qlik Cloud Analytics Editions

	Standard	Premium	Enterprise
Data for Analysis	50 GB Max (Included)	25 GB or 250 GB Data Pack (Min purchase 50 GB)	250 GB Data Pack (Min 250 GB and min purchase requirement)
Number of Tenants*	1	Minimum of 25GB of data for analysis per tenant, up to 2,000 tenants per Cloud instance	Minimum of 25GB of data for analysis per tenant, up to 2,000 tenants per Cloud instance
Full Users*	10 Full Users (Included)	Purchase, minimum of 1	Unlimited
Basic Users*	NA	Unlimited	Unlimited
App Size Limit (In- Memory)	5 GB	10 GB	10GB
Shared Spaces	5	***Unlimited	***Unlimited
Managed Spaces	NA	***Unlimited	***Unlimited
Data Movement to Qlik Cloud	Relational & SaaS Sources	All Supported Sources	All Supported Sources
Concurrent App Reloads	10	30	30 (Option to Expand)
SAP Connector	NA	Yes	Yes
Qlik & Third Party Lineage Connectors	NA	Yes	Yes
GeoAnalytics	NA	Yes	Yes
Third Party Transformations	Basic	Basic	Advanced
Qlik Application Automation	NA	**Included (5,000 runs/month)	**Included (5,000 runs/month)
Qlik AutoML	NA	**Included (2 deployed models)	**Included (2 deployed models)
Qlik Reporting Service	NA	**Included (100 reports/month)	**Included (100 reports/month)

*Up to 100,000 Full and Basic Users per tenant.

** Details for included tiers are provided in each product section below. The included tier is provided once per cloud instance.

***Up to 10,000 spaces in total per tenant.



B. OEM Qlik Cloud Analytics Editions

	Standard	Premium	Enterprise
Data for Analysis	50 GB Max (Included)	25 GB or 250 GB Data Pack (Min purchase 50 GB)	250 GB Data Pack (Min 250 GB and min purchase requirement)
Number of Tenants*	10 Maximum	Minimum of 1 GB of data for analysis per tenant, up to 2,000 tenants per Cloud instance	Minimum of 1 GB of data for analysis per tenant, up to 2,000 tenants per Cloud instance
Full Users*	10 Full Users (Included)	Purchase, minimum of 1	Unlimited
Basic Users*	NA	Unlimited	Unlimited
App Size Limit (In- Memory)	5 GB	10 GB	10GB
Shared Spaces	***Unlimited	***Unlimited	***Unlimited
Managed Spaces	***Unlimited	***Unlimited	***Unlimited
Data Movement to Qlik Cloud	Relational & SaaS Sources	All Supported Sources	All Supported Sources
Concurrent App Reloads	10	30	30 (Option to Expand)
SAP Connector	NA	Yes	Yes
Qlik & Third Party Lineage Connectors	NA	Yes	Yes
GeoAnalytics	Yes	Yes	Yes
Transformations	Basic	Basic	Basic (Advanced if Qlik Cloud Data Integration Enterprise is purchased)
Qlik Application Automation	NA	** Included tier (5,000 runs/month) included with Qlik Cloud Limited Sandbox OEM	**Included tier (5,000 runs/month) included with Qlik Cloud Limited Sandbox OEM
Qlik AutoML	NA	** Included tier (2 deployed models) included with Qlik Cloud Limited Sandbox OEM	** Included tier (2 deployed models) included with Qlik Cloud Limited Sandbox OEM
Qlik Reporting Service	NA	**Included tier (100 reports/month) included with Qlik Cloud Limited Sandbox OEM	**Included tier (100 reports/month) included with Qlik Cloud Limited Sandbox OEM
App and Dashboard Size Limit	5 GB	10 GB	10 GB (Option to Expand)
Qlik Cloud Limited Sandbox OEM***	NA	If permitted under a Qlik OEM Agreement, includes: - 50 GB of Data Analyzed - 1 TB of Data Moved - 1 TB of Third Party Data Transformation - 25 Full Users - Up to 10 tenants - Included tier: Qlik Application Automation; Qlik AutoML; Qlik Reporting Service	If permitted under a Qlik OEM Agreement, includes: - 50 GB Data Analyzed - 1 TB of Data Moved - 1 TB of Third Party Data Transformation - 25 Full Users - Up to 10 tenants - Included tier: Qlik Application Automation; Qlik AutoML; Qlik Reporting Service
Qlik Cloud Sandbox OEM***	Purchase	Purchase	Purchase



*Up to 100,000 Full and Basic Users total per tenant.

** Details for “Included” tiers are provided in each product section below. The “Included” tier is provided once per cloud instance.

***Up to 10,000 spaces in total per tenant.

****May be used only by OEM Partner (no external access).

C. Data Packs

1. Data Packs. Qlik Cloud Analytics Premium and Enterprise editions require the purchase of Data Packs, which govern the amount of data that can be analyzed. Minimum purchase requirements are noted in the table above. The Standard edition includes a fixed quantity of data for analysis and may not be increased.

2. Data for Analysis. All Qlik Cloud Analytics editions include a capacity measure for data analyzed, which refers to the volume of data available for analysis in Qlik Cloud (“Data for Analysis”). Data for Analysis refers to data loaded into Qlik Cloud from an external source or created in Qlik Cloud, and includes all data being analyzed, profiled by the catalog, or landed into Qlik Cloud. Data for Analysis is measured daily. The quantity of Data for Analysis increases when data is added and decreases as data is deleted. Data is counted at the time of entry into Qlik Cloud, so data loaded into multiple tenants (including with respect to tenants created in a multitenant entitled) is counted each time it is loaded into a different tenant. Data that is loaded once into a single tenant and used multiple times for analysis is only counted once. Data can be reloaded multiple times. If the reload has additional data, the difference is counted as Data for Analysis. The size of Data for Analysis is represented in the application available for download from the management console.

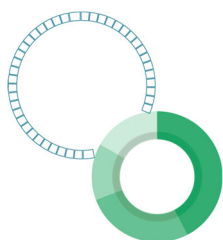
D. Large Apps for Qlik Cloud Analytics

With Large Apps, the standard capacity limits for Qlik Cloud Analytics may be upgraded to expand the maximum size of an application to 50 GB . Additional capacity may be purchased to support running large applications concurrently, but the maximum limit for a single application is 50 GB regardless of the total capacity purchased.

Application Size Limit (Capacity Pack)	A capacity pack may be purchased to increase the maximum in-memory size of an application, which contains the visualization layer, load script and highly compressed data. The application size limit refers to the amount of memory an application consumes at the time it is loaded into Qlik Sense Enterprise SaaS.	20 GB or 100 GB Capacity Pack
Reloads	The maximum reload capacity is capped at 3x the total application size limit.	

E. Multi-Tenant Entitlement

A Qlik Cloud Analytics tenant is a container hosted by Qlik, which is managed with a single entitlement key (“Tenant”). Customers requiring multiple Tenants may purchase separate subscriptions for separately managed Tenants or may choose a Qlik Cloud Analytics multi-tenant entitlement, which permits the deployment of multiple tenants from a single subscription. In a multi-tenant environment, capacity and other entitlements may be allocated and deployed by Customer across all tenants only up to the total contracted entitlement. Usage in excess of contracted entitlement is subject to additional fees. If using Customer Managed Keys (CMK), a unique CMK is required to be deployed to each tenant. When providing Qlik Cloud Analytics access to multiple organizations, it is required to utilize separate Tenants for each separate organization.



IV. Qlik Sense Enterprise SaaS

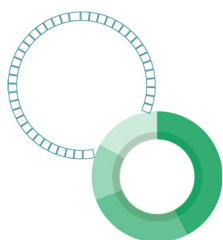
Qlik Sense Enterprise SaaS subscriptions include one tenant and standard capacity limits as described below. Test and Development Sites require separate licenses, except where expressly included in a subscription.

Access to Qlik Sense Enterprise SaaS

Access Type	Description
Professional User	Professional User is a full developer and user license, which provides access to all features of Qlik Sense Enterprise SaaS. Professional Users are not available for external use by third parties, unless permitted in your agreement with Qlik
Analyzer User	Analyzer User is a limited user license and allows users to access and explore Qlik Sense Applications. Analyzer Users may not create or modify Qlik Sense Applications, create or publish new sheets, update or modify data or access a Personal Space. At least one Professional User is required to purchase an Analyzer User.
Analyzer Capacity Pack	Analyzer Capacity offers access to QSE SaaS with metered usage. Analyzer Capacity is sold in packs of 1,000 minutes per month. Minutes are allocated and reset on a monthly basis and any unused minutes remaining at the end of a month are forfeited. Consumption of minutes is based on active use and in minimum increments of 6 minutes. Usage is actively metered and users will be denied access if the licensed capacity is exceeded. If a customer enables and consents to overage, customer will be permitted to exceed purchased minutes and will be invoiced for any overage (at 125% of list price) the following month. Analyzer Capacity functionality is the same as the Analyzer User functionality. At least one Professional User is required to purchase Analyzer Capacity.

A. QSE SaaS Capacity Limits (Standard)

Application Size Limit (in-memory)	The maximum size of an application, which contains the visualization layer, load script and highly compressed data. The in-memory size maximum refers to the amount of memory an application consumes when it is being loaded with data in QSE SaaS.	5 GB Maximum
Concurrent Applications	The maximum number of applications for all users that can be run at any given time. If more than 1 application is used as a constant display or billboard, application performance may be impacted. Display or billboard use means circumventing the automatic logout function to keep a login active and force an application to display without interruption.	Unlimited
Scheduled Data Reloads (per day)	The total number of data refreshes that can be scheduled in a single day. There is no limit on manual data refreshes. A data reload is an update to the data model that changes its schema and/or content using an automated or manual script.	Unlimited
Scheduled Data Reload Concurrency	The total number of scheduled data refreshes that may occur at the same time. In some cases, queuing may occur due to high concurrency demands.	30 Reloads
Total Cloud Storage (on disk)	Cloud storage is limited to data specifically used for purposes of analytics. Cloud storage capacity may not be used to store non-analytics data or as a backup repository for unrelated data.	Unlimited



B. Qlik Sense Enterprise SaaS – Gov (US)

Qlik Sense Enterprise SaaS - Gov (US) is a version of Qlik Sense Enterprise SaaS with FedRAMP Moderate and DoD IL2 certification available to U.S government agencies and select government contractors. Qlik Sense Enterprise SaaS – Gov (US) includes the Dedicated Capacity limits described above and can be accessed with any combination of Professional Users, Analyzer Users or Analyzer Capacity packs. Expansion options include Qlik Sense Enterprise Client-Managed Add On, additional tenants as well as additional test and development sites.

C. Large Apps for Qlik Sense Enterprise SaaS

With Large Apps, the standard capacity limits for Qlik Sense Enterprise SaaS and Qlik Sense Enterprise SaaS – Gov (US) subscriptions may be upgraded to expand the maximum size of an application from 5 GB up to 50 GB¹. Additional capacity may be purchased to support running large applications concurrently, but the maximum limit for a single application is 50 GB regardless of the total capacity purchased.

Application Size Limit (Capacity Pack)	A capacity pack may be purchased to increase the maximum in-memory size of an application, which contains the visualization layer, load script and highly compressed data. The application size limit refers to the amount of memory an application consumes at the time it is loaded into Qlik Sense Enterprise SaaS.	20 GB or 100 GB Capacity Pack
Reloads	The maximum reload capacity is capped at 3x the total application size limit.	

D. Multi-Tenant Entitlement

A Qlik Sense Enterprise SaaS tenant is a container hosted by Qlik, which is managed with a single license key (“Tenant”). Customers requiring multiple Qlik Sense Tenants may purchase subscriptions for separately managed Tenants or may elect to have a single cloud instance with multiple Tenants. A Qlik Sense Enterprise SaaS multi-tenant entitlement permits the deployment of multiple tenants from a single subscription. In a multi-tenant environment, capacity and other entitlements may be allocated and deployed by Customer across all tenants only up to the total contracted entitlement. Usage in excess of contracted entitlement is subject to additional fees. If using Customer Managed Keys (CMK), a unique CMK is required to be deployed to each tenant. When providing Qlik Sense Enterprise SaaS access to multiple organizations, it is required to utilize separate Tenants for each separate organization.

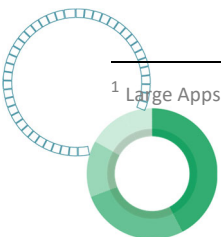
F. QlikView Add-On

The QlikView Add-On allows access to QlikView to be added to Qlik Sense Enterprise SaaS and Qlik Sense Enterprise Client-Managed deployments using a common license model. A unified license requires use of the Qlik License Service, which enables Professional Users, Analyzer Users or Analyzer Capacity Packs to be centrally managed and assigned or allocated for use with either QlikView or Qlik Sense. This option is not available with Qlik Cloud Analytics.

V. Qlik Sense Business

Qlik Sense Business is a SaaS offering hosted and managed by Qlik to operationalize analytics across groups and teams. Qlik Sense Business is made available on a per user basis.

¹ Large Apps replaces Expanded and Dedicated Capacity offerings, which will not be available for renewal.



A. Qlik Sense Business

Parameter	Maximum	Description
Application Size Limit (In-memory)*	1.25 GB	The maximum size of an app, which contains the visualization layer, load script and highly compressed data, that can be consumed in-memory. The in-memory size maximum refers to the amount of memory an app can consume when it is being loaded with data in Qlik Sense Business.
Total Cloud Storage (On disk)	250GB	The total amount of storage on disk for the QSC tenant including staged data, apps and user-generated content. Cloud storage is restricted to Qlik application data only.
Scheduled Data Reloads Per Day	50	The total number of data reloads across all apps that can be scheduled in a single day. There is no limit on manual data reloads. A data reload is an update to the data model that changes its schema and/or content using an automated or manual script.
Scheduled Data Reload Concurrency	3	The total number of scheduled data reloads that may occur at the same time. There is no limit on manual data refreshes.
Shared Spaces	5	Allows groups of Users access to collaboratively create apps and/or interact with apps.
Personal Spaces	1 (per User)	Users can create and share their own apps. Spaces are sections of the hub used to both collaboratively develop Applications and control access to Applications.

B. Accessing Qlik Sense Business

In order to access Qlik Sense Business, each User must have accepted a customer’s invitation to join the customer’s Qlik Sense Business group and have been registered (by email address) by customer’s account. User assignments are made within the total number of Users in the subscription and may not be transferred to another user unless due to: (i) termination of employment, or (ii) other business circumstance in which the user no longer requires access to Qlik Sense Business (e.g., transfer of the user to a new business unit).

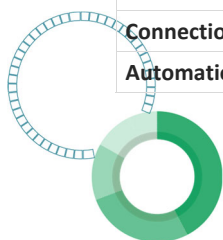
VI. Qlik Application Automation

Qlik Application Automation is an included feature with Qlik Cloud Data Integration and Qlik Sense Enterprise SaaS subscriptions and may be upgraded or purchased separately.

A. Upgrade Options

The table below shows the permitted use for each tier of Qlik Application Automation. The Premiere tier may be expanded as needed.

	Qlik Cloud Subscription* (Included)	Start Up	Scale Up	Premiere	Premiere Expansion	Enforced**
Number of Tenant Automation Runs (per month)***	5,000	20,000	60,000	200,000	Additional 200,000	No
Standard Connectors	All	All	All	All	-	-
Number of Users	All SaaS Users	All SaaS Users	All SaaS Users	All SaaS Users	-	Yes
Connections per User***	Unlimited	Unlimited	Unlimited	Unlimited	-	No
Automations per User	10	Unlimited	Unlimited	Unlimited	-	No



Maximum Concurrent Tenant Automation Runs	10	10	15	30	-	Yes
Average Concurrent Automation Runs (per month)	5	5	5	15	-	No
Bandwidth (GB per month)***	1,000	1,000	2,500	5,000	-	No

* Included with Qlik Cloud Data Integration and Qlik Sense Enterprise SaaS subscriptions.

** Some limits are not enforced within the product and actual use may exceed stated limits. Repeated overage will require an upgrade to the applicable level corresponding with actual use. In a multi-tenant entitlement deployment, concurrent runs may be allocated and deployed by Customer across all tenants only up to the total contracted entitlement, and usage in excess of contracted entitlement is subject to additional fees

*** As used above, “Automation” means a workflow made by or for a Customer. “Automation Run” means one execution of an Automation (manual run, test run, scheduled run, triggered run or webhook run). “Connection” refers to the number of connected data sources or Third Party Applications. “Bandwidth” is measured in GB for Automation Runs (both uploading and downloading when using a connection to Qlik Application Automation or a Third Party Application). “Third Party Application” refers to a third-party product, API and/or any technology, tool, application, integration, platform or other software or system, which is not provided by Qlik that interoperates with Qlik Application Automation.

B. Stand-alone Option

Application Automation Start Up, Scale Up and Premiere tiers are also available on a stand-alone basis without a separate Qlik Cloud subscription. If purchased on a stand-alone basis, Qlik Application Automation subscriptions will include five (5) Qlik Sense Enterprise SaaS Professional Users. Any expansion to include additional users will require a separate Qlik Cloud subscription.

VII. Qlik AutoML

Qlik AutoML provides customers with the ability to train and deploy machine learning models on Qlik Cloud. Qlik AutoML is sold by capacity, which is measured by the number of deployed models and the size of the dataset that can be used. Deployed models are counted by the number of models in development or in production. Dataset sizes are measured by the number of rows multiplied by the number of columns. Concurrent tasks refers to the number of experiment training jobs a tenant can perform in parallel. Qlik AutoML is included with a Qlik Sense Enterprise (QSE) SaaS subscription with the limits set forth below. Additional capacity may be purchased by tier for customers that require higher levels of either deployed models, concurrent tasks, or dataset size.

In a multi-tenant entitlement deployment, capacity and user-based entitlements may be allocated and deployed by Customer across all tenants only up to the total contracted entitlement. Usage in excess of contracted entitlement is subject to additional fees.

	Qlik Cloud DI and QSE SaaS (Included)*	Start Up Tier	Scale Up Tier	Premier Tier	Premier Tier Expansion**
Deployed Models	2	5	10	20	20
Concurrent Tasks	1	5	10	15	15
Dataset Size	100K	1M	10M	100M	-
Advanced Features	No	Yes	Yes	Yes	-



* Subscriptions for Start Up, Scale Up and Premier Tiers include 5 QSE SaaS Professional Users.

** Premier Expansion requires a Premier subscription and provides incremental additional deployed models and concurrent training on top of the existing capacity for the Premier tier. There is no increase in dataset size, which remains limited to 100M.

VIII. Qlik Reporting Service

Qlik Reporting Service is an included feature with Qlik Cloud Data Integration and Qlik Sense Enterprise SaaS subscriptions and may be upgraded. The table below shows the permitted use for each tier of Qlik Reporting Service.

	QSE SaaS (Included)	Start Up	Scale Up	Premiere	Premiere Expansion Increments
Maximum* Number of Reports** (Per Month)	100	1,000	5,000	20,000	20,000

* The number of Reports may be limited to the maximums above and additional reports will require an upgrade to the next service level.
** As used above, a "Report" means a unique file generated by a Qlik Reporting Services call. Examples of how a Qlik Reporting Services call may be executed include:

- via an API call to the Qlik Reporting Service (request type: composition-1.0 or sense-excel-template-1.0);
- using the Generate Report block in Qlik Application Automation;
- as a preview from an O365 add-in; and
- via a Report Task execution. If multiple Reports are created by a single Report Task, each Report will be counted against the subscribed Qlik Reporting Service tier maximum. For example, Section Access and/or use level filters designated in a Report Task will generate multiple Reports.

IX. Qlik Geocoding

Qlik Geocoding provides geographical (GPS) coordinates corresponding to a location, such as a street address and vice versa. 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.

X. General

1. **Third Party Applications.** Qlik Products may connect with or access third party applications, sources, and targets (including Geocoding) (collectively, "Third Party Applications"), through application programming interfaces ("APIs") or connectors. Third-party application programming interfaces ("API") are not managed by Qlik, and Qlik cannot be responsible for disruptions in connectivity, if any third-party APIs are changed or discontinued by the respective third parties. Customer is responsible for and controls all data transferred to and received from Third Party Applications and associated costs (if any). Qlik does not support, license or control Third-Party Applications, the protection of Customer's data provided to Third-Party Applications, or the accuracy or integrity of data received from Third Party Applications.

2. This Product Description is subject to change with new releases, features and functionality and at Qlik's discretion; provided, however, that any changes will not materially affect services or support to the Customer during a subscription term.

