License Metrics for
Qlik® Data Integration, Gold Client® & Qlik Catalog™

These License Metrics govern the use of Qlik Data Integration for CDC Streaming, Qlik Data Integration for Data Warehouse Automation, Qlik Data Integration for Data Lake Creation, Gold Client and Qlik Catalog (collectively "QDI Products"). These Metrics are part of the Documentation.

I. Qlik Data Integration

Qlik Data Integration ("QDI") is available on a subscription basis and includes the software features and components listed below.

	Replicate	Enterprise Manager	Compose for DW	Compose for DL	Qlik Catalog
QDI for CDC Streaming	✓	✓			
QDI for Data Warehouse Automation	✓	✓	✓		✓
QDI for Data Lake Creation	✓	✓		✓	✓

A. Metrics

QDI is licensed for a specific data connection, which is identified by both the source system from which the data originates ("Source") and the destination or target system ("Target"). The applicable license metric for QDI is determined by the Source type from which the data is being replicated.

Source Type	Metric	Description
RDBMS and SAP RDBMS	Core	Data connections from a Relational Database Management System ("RDBMS"), including SAP RDBMS sources, are licensed per Core. A Core means a single processing unit within a processor or CPU, whether physical or virtual, including a vCPU or virtual core, which is capable of executing a single software thread at a time. A virtual processor is considered to have the same number of threads and cores as each physical processor on the underlying hardware. If the Software is installed across multiple nodes, the total number of Cores on all nodes may not exceed the licensed number of Cores.
Mainframe	MSU (Per 10 MSUs)	Mainframe sources are licensed based on the number of source MSUs (million service units) assigned to the LPAR monitored by Replicate. MSUs will be measured by IBM SCRT utility report.

Data Warehouse and Data Lake	TB (Per 100 TBs)	Data warehouses, data lakes, data marts and file-based sources, such as file servers and object stores, are licensed based on the capacity or storage size in terabytes (TB) attached to the server or appliance monitored by Replicate.
SAP HANA	GB (Per 200 GBs)	Data connections from an SAP Hana database are licensed based on the capacity or storage size in gigabytes (GB) on the server or appliance monitored by Replicate.
SaaS Application	Per Instance	An application instance refers to a virtual server in a public or private cloud used to provide a specific set of software capabilities for an end user.

B. QDI Components

1. **Qlik Replicate.** Replicate is included with all QDI options and may only be used with the specific Source and Target endpoints for which it is licensed. If QDI is licensed for an unlimited number of Sources and Targets, Replicate may only be used with any of the supported endpoints identified in the Documentation as of the purchase date. All QDI products also include Enterprise Manager, which is a central operational management tool for Replicate that includes a management center, analytics and metadata modules.

2. **Compose.** Compose for Data Warehouse (DW) is included with QDI for Data Warehouse Automation. Compose for Data Lakes (DL) is included with QDI for Data Lake Creation. Supported Targets are not the same for Compose CDW and CDL.

3. **Qlik Catalog.** Qlik Catalog (formerly Qlik Data Catalyst) is included with QDI for Data Warehouse Automation (QDI-DW) and QDI for Data Lake Creation (QDI-DL) only as more fully described below.
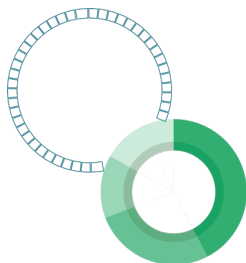
II. Gold Client

A. Scope

Gold Client and **Gold Client for Data Protection** refer to SAP application specific software. Gold Client solutions are offered for all major SAP applications, including Enterprise Resource Planning (ERP), S/4 HANA, Business Warehouse (BW), Customer Relationship Management (CRM), Supplier Relationship Management (SRM), Global Trade Services (GTS), Supply Chain Management/Advanced Planner and Optimzer (SCO/APO), Human Capital Management (HCM), Transportation Management (TM), Event Management (EM) and Extended Warehouse Management (EWM).

B. Metrics

Gold Client is licensed per gigabyte (GB) of data and licensed for a Customer's specific environment, which is identified by an SAP Installation Number and SID ("SAP Environment"). If a Customer wishes to use the Software in more than one SAP Environment within Customer's organization, an additional license for each such additional SAP Environment is required. Any changes to the SAP Environment may require a new license or license key.

III. Qlik Catalog

Qlik Catalog (formerly Qlik Data Catalyst) builds an enterprise-scale repository of data for analytics. One Qlik Catalog license is included per customer with QDI for Data Warehouse Automation and QDI for Data Lakes*.* Qlik Catalog may also be purchased separately.

A.   Scope

Qlik Catalog, as included with QDI-DW and QDI-DL, may be used with data from any source, but may only be used to publish to licensed QDI Targets. QDI customers who wish to publish to additional targets may separately license Qlik Catalog on a stand-alone basis.

B.   Metrics

Use of Qlik Catalog is restricted to no more than 1,000 Tables (production capacity) and for a single node. A "Table" refers to a data asset, which is displayed in the Catalog as an entity. Registered and managed entities are counted as Tables.   A Table includes a fixed number of columns or fields but may have any number of repeating records containing the data. Customers who choose to use Qlik Catalog shall be solely responsible to manage the catalog size and comply with the use restrictions. Customers shall further provide Qlik with quarterly reports on Catalog size and agree to an annual true up payment, if consumption exceeds 1,000 Tables during the subscription term. Customers can purchase additional capacity in packs of 1,000 Tables.

IV.   Test and Disaster Recovery

All QDI Products include test and development environments with a paid subscription.

A. Test Sites

Test and development environments are limited to the same capacity as the production environment. Test and development sites may not be used for production purposes.

B. Disaster Recovery

QDI products can be installed on backup servers for disaster recovery purposes. However, no more than the licensed quantity or capacity may be running at any given time. Thus, a cold standby environment can be installed, but cannot be in use prior to the live or production environment being shut down.