

TECHNICAL BRIEF

Modernizing Analytics for QlikView[®] Customers

Your Journey from QlikView On-premises to the Cloud

INTRODUCTION: QLIK® ANALYTICS EVOLUTION

The modern analytics era began with the launch of QlikView, our classic analytics solution, and the game-changing Associative Engine it is built on. Qlik revolutionized the way organizations use data with intuitive visual discovery that put business intelligence in the hands of more people than ever before. Qlik has come a long way during its evolution and we continue to lead the way with Qlik Sense®, our next-generation modern analytics platform.

Driving our approach to BI are three major shifts that emerged over the past few years: Democratization of Data, Augmented Analytics, and Embedded Analytics. By delivering a breadth of capabilities supporting these shifts through Qlik Sense, we eliminate most of the potential failure points that plague prior generation BI solutions.

Qlik Sense sets the benchmark for next-generation analytics, empowering everyone in your organization to make data-driven decisions at the speed of thought. Like QlikView, Qlik Sense is built on our unique associative analytics engine, but it provides a broader array of capabilities, supporting the full range of users and use-cases across the analytics life-cycle from data to insight: self-service analytics, interactive dashboards, conversational analytics, custom and embedded analytics, mobile analytics, reporting and alerting. It augments and enhances human intuition with AI-powered insight suggestions, automation, and natural language interaction. And Qlik Sense offers unmatched performance and governance combined with the convenience of deployment choices.

“In our drive for self-service analytics, Qlik Sense has been a breath of fresh air. We have managed to get users on board and up and running in a very short time period.”

— Bongani Mbatha
Analytics Manager,
Woolworths

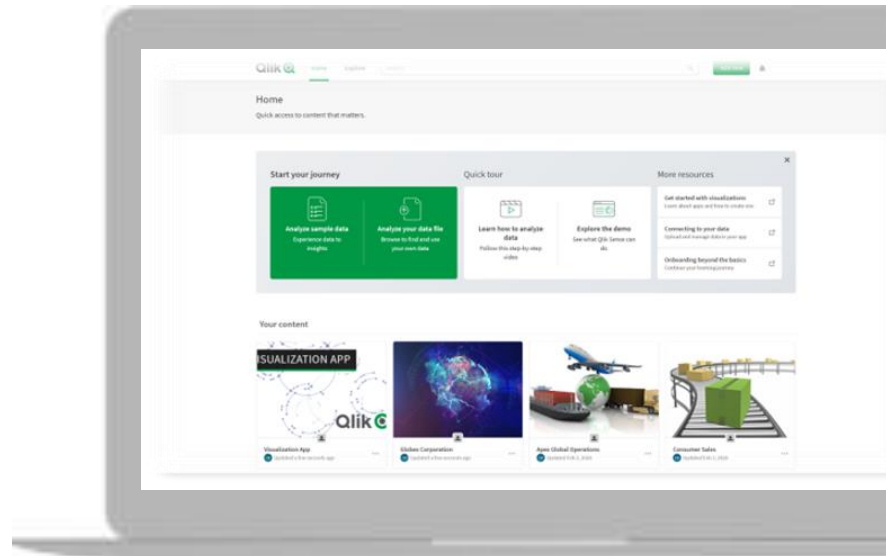
Analytics Modernization and SaaS

SaaS adoption across the software industry is surging, as everyone drives to lower total cost of ownership and maintain a competitive edge, while implementing the latest innovative technology. Customers like you are seeing a wide variety of benefits of SaaS across different functions within their organizations.

- CIOs and business leaders see SaaS enabling agility and growth, giving them the ability to deploy new products and capabilities faster for greater adaptability to changing requirements
- IT staff can offload end user reporting and one-off requests and focus on business-critical tasks and strategic projects
- Organizations save on infrastructure, administration and security while eliminating software upgrade requirements as new features are delivered to users in a more agile and seamless fashion.

Qlik Sense SaaS delivers world-class analytics across your organization while eliminating the complexities associated with installation, deployment, administration, and software upgrades. This offering runs on Qlik Cloud® and provides unmatched performance and elastic scalability.

You can access the Qlik Sense SaaS environment through its zero-footprint web browser interface, which is commonly referred to as the Qlik Cloud Hub. Through the hub, you can perform all aspects of development, drag-and-drop content creation, and application consumption. Qlik Sense also features [responsive design](#), which automatically displays and resizes visualizations to fit any device – laptop, desktop, tablet, or smartphone, allowing you to edit and consume your apps from anywhere.

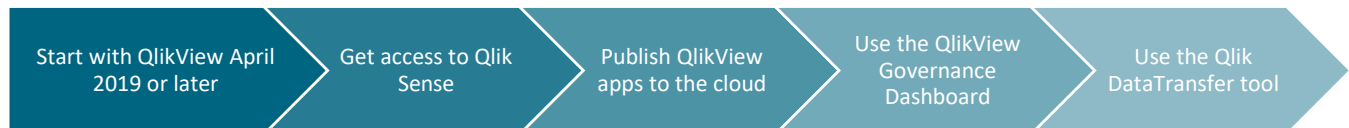


QlikView to Qlik Cloud

Thousands of QlikView customers have made the decision to modernize analytics by implementing Qlik Sense, but we understand that many of you are unsure whether it will meet your current analytics requirements. The BI space is changing so rapidly that today's "must haves" may no longer be relevant tomorrow. So, we are here to help you take your analytics to the next level, supporting new use cases that satisfy your evolving application requirements.

SaaS gives you the benefits of infrastructure cost savings resulting from use of a Qlik-managed environment. You'll experience fast setup with no installation, quick transition for users, automated version upgrades, and dramatically lower TCO while helping you maintain a competitive advantage. Utilize QlikView Publisher to automate application uploads to the Qlik Cloud hub, so you can consume QlikView and Qlik Sense side-by-side.

Qlik provides several ways to help Qlik customers like you progressively modernize with Qlik Cloud, and you can continue using QlikView as you make the transition. As you embark on your analytics modernization, we expect you to find that certain QlikView applications can be better served in Qlik Sense. You'll be able to expand your use cases, provide next-generation analytics to more people, and gain deeper insights than ever before. Below is a step-by-step guide to modernizing with Qlik Sense.



Start with QlikView April 2019 or later

Make sure you're using QlikView April 2019 or later, or upgrade to the latest release.

April 2019 is the first release compatible with the Qlik Cloud hub.

Get Access to Qlik Sense

As a QlikView customer, the most economical way to acquire Qlik Sense for your QlikView users is to join the Analytics Modernization Program. Through the program, you'll gain Qlik Sense entitlement for a modest uplift on your annual maintenance rate. Try Qlik Sense for free by signing up for a trial by following this [link](#).

Publish QlikView Apps to the Cloud

As a next step, install QlikView Publisher¹, if you haven't already, to enable publishing of QlikView apps to the Qlik Cloud hub. Now, setup your connection to Qlik Sense SaaS, and choose and publish the applications you want to consume alongside Qlik Sense in the cloud. This [video](#) shows you how.

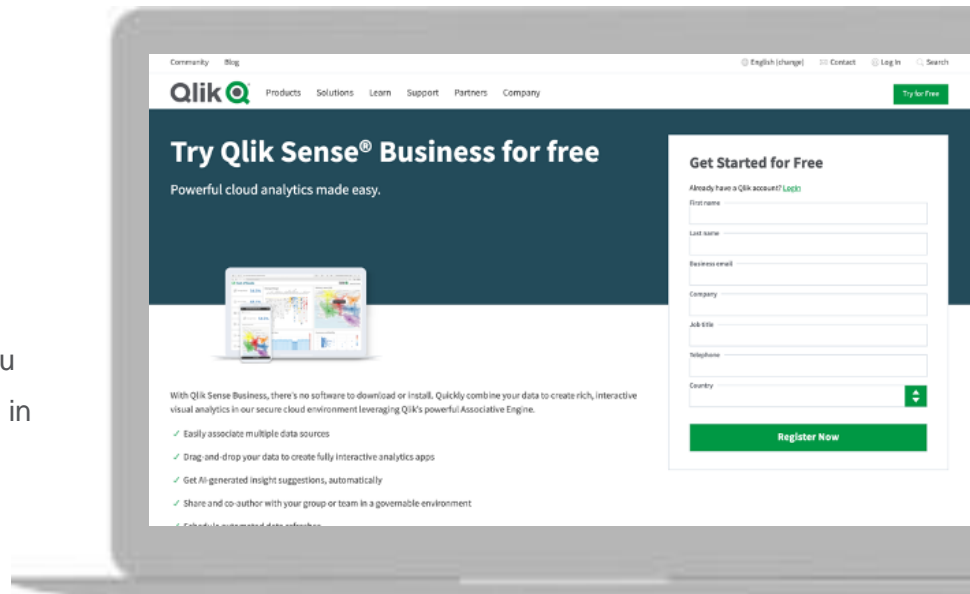
Use the QlikView Governance Dashboard

In many cases, you will get more value from your data and analytics investments by assessing and transitioning your QlikView documents to Qlik Sense.

To help make your assessment, Qlik provides the free [Governance Dashboard](#), which gives you visibility into QlikView deployments. The Sense Profile Score component, also known as the App Profiler, answers questions about different QlikView document characteristics. For example, it reveals the apps that are most-frequently used, app complexity, and compatibility with Qlik Sense. You may also configure thresholds corresponding to the Sense Profile findings.

- **Sense Profile:** A composite score comprised of weighted User Adoption, Object Density, and Object Compatibility scores.
- **User Adoption:** How frequently and how recently each app was used (grading based on the past 90-days)

¹ QlikView Publisher comes at no cost when you join the Analytics Modernization Program. If you do not have QlikView Publisher yet, you can also manually upload a QlikView app (.QVW) from the cloud hub.



- **Object Density:** Number of sheet objects by sheet in the QlikView app
- **Object Compatibility:** How many sheet objects in each app are not compatible with Qlik Sense.
- **Unused Sheets** by app indicates which sheets you should consider removing before re-scoring and prioritizing for Qlik Sense migration.
- **Custom Configuration** of profile scoring provides a threshold and relative weight within each component of the Sense Profile Score.

QlikView App (28 Apps)	Sense Profile Score	User Adoption	Sessions Last 30 Days	Object Density	Sheets	Sheet Objects	Objects per Sheet	Object Compatibility
autogovernanceapp	70	44	10	100	3	27	9	100
data visualization	100	25	100	12	181	15	0	0
movies database	71	100	29	100	8	111	14	0
supermuthyshop	54	17	4	100	1	9	9	100
2.0.2 v1 super	43	100	29	0	0	0	0	0
qlik datamarket	38	29	7	90	5	107	21	0
getting started	37	42	10	85	6	132	22	0
retail store performance	32	29	7	70	7	188	24	0
qlikview developer toolkit	29	51	7	55	15	363	24	0
govdb_28	28	86	14	10	23	789	34	0
qv govdb 2.0.5 march 2019	26	54	12	10	22	788	35	0
govdb 2.0.4 nov to build sup1	23	54	13	0	0	0	0	0
governance dashboard 2.0.5	19	38	8	10	22	788	35	0
prescription tracker	16	33	8	5	4	148	37	0
governance dashboard	11	25	6	0	0	0	0	0
invisible_lock_unlock_clear_buttons_dev...	11	25	6	0	0	0	0	0
try again	10	17	4	10	22	784	35	0
39277_s_kpi	9	21	5	0	0	0	0	0
dacompanisat_v1.2	7	17	4	0	0	0	0	0
govdb 2.0.1 from qlik market	7	17	3	0	0	0	0	0
test app with } in file name	6	13	3	0	0	0	0	0
govdb 2.0.5	5	6	1	10	22	788	35	0
govdb 2.0.2 r2	3	8	2	0	0	0	0	0
govdb 2.0.2 release	3	8	2	0	0	0	0	0
visualintelligence	3	8	2	0	0	0	0	0
fu-tn	2	4	0	0	0	0	0	0
governance dashboard 2.0	2	4	0	0	0	0	0	0
dashboard-iva	1	3	0	0	0	0	0	0

Configuration	Value
User Adoption Threshold	80%
Object Density Threshold	12
Object Compatibility Threshold	4
User Adoption Weight	3
Object Density Weight	2
Object Compatibility Weight	2

Overall, the Governance Dashboard’s Sense Profile Score supports your modernization journey, making it easy to identify which documents are the most viable candidates for transition to Qlik Sense. You can find the QlikView Governance Dashboard as a free download from the [Qlik Download Site](#) by simply logging in.

Use the Qlik DataTransfer Tool

An additional and low-touch mechanism to get value from your existing QlikView investments is to transfer the data model into Qlik Sense SaaS via Qlik DataTransfer. Qlik DataTransfer uploads data from on-premises data sources to Qlik Sense SaaS tenants. You can extract and upload data from QlikView app files (QVW). When you upload app data, Qlik DataTransfer runs the app data load script in the QVW. It then extracts all tables using binary load and stores them in a QVD file. The QVD is then uploaded to your Qlik Sense SaaS tenant.

This mechanism allows you to get immediate value from QlikView data models by moving them over to SaaS and using capabilities like Insight Advisor, for example, to gain insights. To learn more about Qlik DataTransfer, follow this [link](#).



Services & Resources

Although Qlik Sense is known to have a short learning curve, it'll be critical to ensure developers and users have they been adequately trained. So, as you plan your modernization, which may include transitioning some of your applications, ensure both developers and users are properly trained on Qlik Sense to prevent any operational disruptions.

To help you get up to speed on Qlik Sense or make the transition when you're ready, Qlik provides various services and resources. The Analytics Modernization Program includes free getting-started services. Qlik assessment and delivery services are provided by our Consulting organization, which help you build a modernization strategy, then execute on it. Instructor-led and self-paced training is made up of both paid and free offerings to accelerate the value you gain from Qlik Sense. Our community provides valuable resources, including tips and tricks, and our support team can help you solve challenges 24/7. Finally, our signature success offering delivers customized assistance through engagement with a customer success manager.



CONSULTING	TRAINING	SUPPORT
<p>Assessment Services</p> <p>Assess current QlikView apps, and build a strategy and roadmap to move to Qlik Sense</p> <p>Delivery Services</p> <p>Redesign and convert QlikView apps, and help deploy Qlik Sense platform</p>	<p>Instructor-led Training</p> <p>2-day classes: Deploy and Administer Qlik Sense, Create Visualizations with Qlik Sense</p> <p>Self-paced Training</p> <p>Learning plan to move from QlikView to Qlik Sense (most courses free)</p>	<p>Community</p> <p>Discussion groups, blog posts and articles, support videos</p> <p>24x7 Support</p> <p>Around the clock coverage for critical issues for all customers</p>
SIGNATURE SUCCESS		
<p>CSM-led Engagement</p> <p>All-inclusive and always-on customer success approach.</p> <p>Engagement led by CSM and tailored for customers moving from QlikView to Qlik Sense.</p>		

Conclusion

Your QlikView capabilities deliver considerable value but cannot meet all the demands of modern analytics. Looking to the future, we want to help you discover that you can embrace modern BI, without disrupting current analytics operations. Deploying on SaaS dramatically reduces infrastructure, management, and maintenance costs, resulting in overall TCO savings. You can upload QlikView docs to the cloud and consume both QlikView and Qlik Sense side-by-side from a single hub. Implementing Qlik Sense will give you the latest Qlik technology and a complete analytics platform that delivers greater insight, leading to a competitive advantage for your organization.

The Analytics Modernization Program allows you to leverage the investment you've already made in QlikView to add next-generation analytics capabilities. The program provides tremendous flexibility – whether you choose to begin using Qlik Sense to satisfy new use cases while maintaining legacy QlikView documents in parallel or fully make the transition to Qlik Sense to enhance or extend analytics. We understand, your organization's strategy, culture, security requirements, and industry standards are unique, so we've built program options; however, the most efficient way to modernize fast is through Qlik Sense SaaS.

E-mail ampquestions@qlik.com or contact your partner for more information on the [Analytics Modernization Program](#).



About Qlik

Qlik's vision is a data-literate world, where everyone can use data and analytics to improve decision-making and solve their most challenging problems. Qlik offers real-time data integration and analytics solutions, powered by Qlik Cloud, to close the gaps between data, insights and action. By transforming data into Active Intelligence, businesses can drive better decisions, improve revenue and profitability, and optimize customer relationships. Qlik serves more than 38,000 active customers in over 100 countries.

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