

Vizlib Collaboration

**The Only Seamless Full-Cycle
Collaboration Solution for Qlik Sense
to Action Your Data**



Vizlib

from insightsoftware



 **insightsoftware**

Introduction

Harness the Power of Collaborative Analytics and Write-Back Capabilities to Action, Edit and Capture Your Data in Qlik Sense

Vizlib Collaboration is the most comprehensive full-cycle collaboration layer for your analytics solutions. It is designed to support your entire insights-to-action journey in Qlik Sense: from team discussions and insight sharing in real-time to workflows and data adding and editing on the fly.

Write-back capabilities empower you to go beyond just reporting in Qlik—you're now able to close the analytics loop by linking up your business tools and streamlining your workflows.

Benefits of Collaboration in Qlik Sense



Avoid a disconnect and cut down the time wasted on taking screenshots or manually exporting reports – monitor, discuss and analyze data as a team without leaving Qlik Sense™.



Accelerate insight sharing within the team – find answers to your questions almost instantly and make them accessible to everyone else on the team through a host of advanced features like bookmark sharing, comment categories, threaded conversations and workflows.



With Collaboration Workflows, you have the opportunity to streamline key business processes in Qlik Sense. You can quickly define your own business processes, such as a management approval workflow, and action insights directly in your Qlik apps.



Remove communication roadblocks and keep the business moving by getting quick answers from colleagues via email and business chat software.



Vizlib Teamwork

Vizlib Teamwork is all about collective intelligence and bringing your team and data together in Qlik Sense. Users can easily kick-off discussions right in their dashboards, call attention to interesting data points with contextualized comments and share their view of data with other people on the team. With in-context communication and real-time conversations inside your dashboards, teams can ask and answer questions in minutes, saving time and making better decisions.

Vizlib Input Form

Vizlib Input Form lets you capture user input and enter new data points into your published Qlik Sense apps. And connecting to endpoints using REST, the Vizlib Form can send dynamic data to almost any business tool from another system, like your CRM, to email or Slack or an output file (like .csv or .qvf). Using a range of classic data input types, you can design your own custom and fully branded data input form to blend in with your dashboards.

Vizlib Write-Back Table

Read-only dashboards are a thing of the past. With the Vizlib Write-back Table, you can easily edit, update and comment on data points or entire rows directly in your dashboards, while remaining in the analysis flow. It is a little like spreadsheets in Qlik Sense, but a lot more powerful, as it lets you correct your data, insert new information, adjust numbers and create new data segmentations. Fully customizable, Vizlib Write-back Table lets you edit Qlik dimensions and measures and seamlessly add new data using dropdowns, free text fields, radio buttons, date pickers, tags and many more options.

Vizlib Server

Enterprise-grade security and on-premise deployment. Enjoy enterprise-grade multi-tiered security control with a range of options such as advanced user management, permissions and support for multiple SQL databases. Vizlib Server also includes stream and value access, Control app, and secure on-premise deployment.

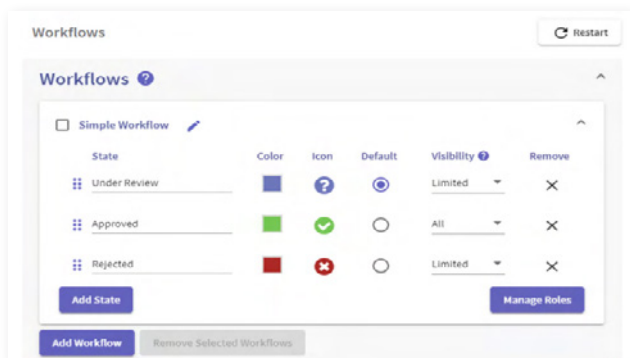
Vizlib Teamwork

Data exploration is a collaborative team effort. Leverage our integrated commentary and messaging capabilities to fuel data conversations where your dashboards live.

With integrated workflows, comment categories, threaded replies, notifications and built-in sharing features, your team can seamlessly build off of each other's insights and keep the business moving forward.

Integrated Approval Workflows

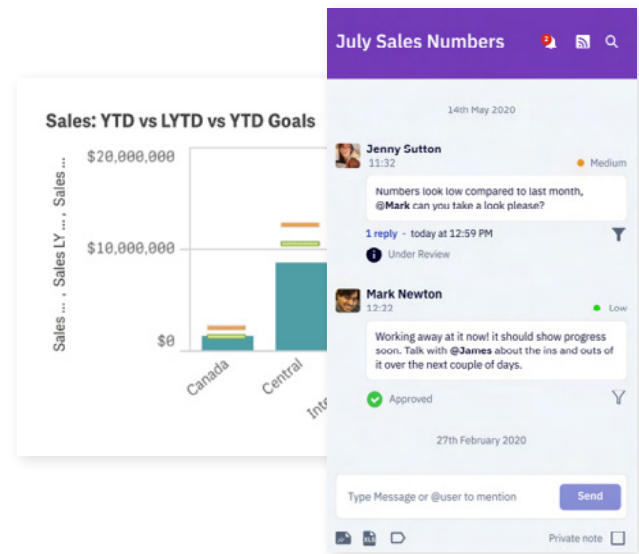
Create your own custom workflows to automate business processes in Qlik Sense. Users can request to review, approve, reject or delegate tasks without leaving their dashboard, making team collaboration even more efficient and streamlined. Plus, you can define and tailor your workflows to every Collaboration Stream to recreate the decision-making process with enterprise-level permissions control and user management.



Contextualized Discussions

Add comments on filtered data, individual charts or the entire sheet to kick off the discussion or meet a critical collaboration need, like reporting on data quality issues to a support team. You can also add images and (for Teamwork V3 and above) even a dataset in XLS format.

- Clearly organise your discussions and preserve meaningful context with **threaded replies**.
- **Attach fully threaded conversations** when you share bookmarks with colleagues for added context or insight.



Insight Sharing

Share your dashboard view with other stakeholders on the team via email, Slack or Microsoft Teams while preserving unique context. And go as far as connecting entire threaded conversations to your shareable bookmarks for added context.

Sharing Your View of Data

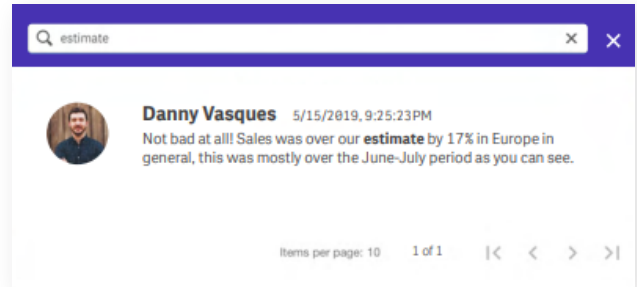
Attach a chart reference and xls file with data to the email for more context.

Your colleague will be able to click through to the app from the email and see exactly what you saw – your comment is tied to your selections to preserve context.

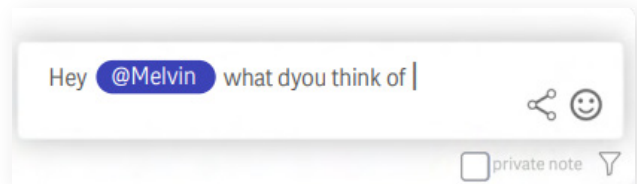
- > Slack Notification
- > Gmail Notification
- > Microsoft Teams Notification



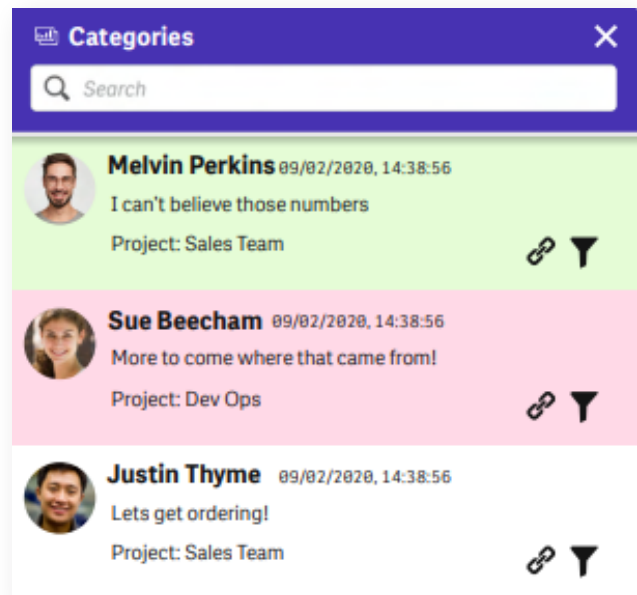
Use the **search function** to find any comment and follow the conversation.



Tag your colleagues directly in comments to connect and collaborate immediately on essential insights!

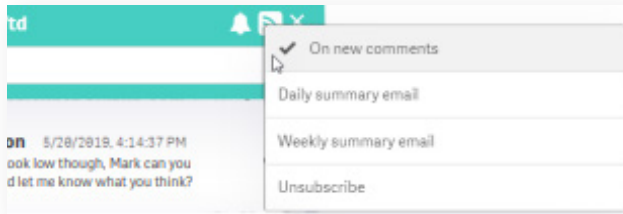


Visually categorize your comments by priority or department with customizable category tags.



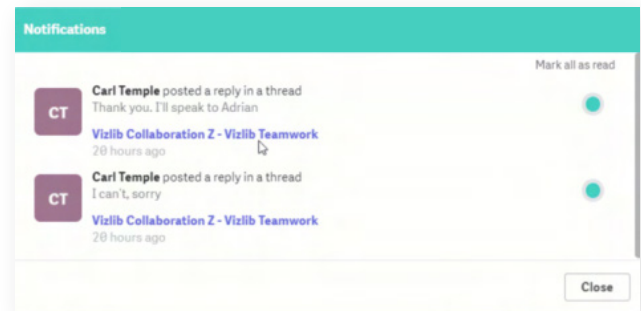
Subscriptions

Manage how you stay informed about changes in data conversations, without being flooded with messages every minute! Subscribe to daily or weekly email summaries.



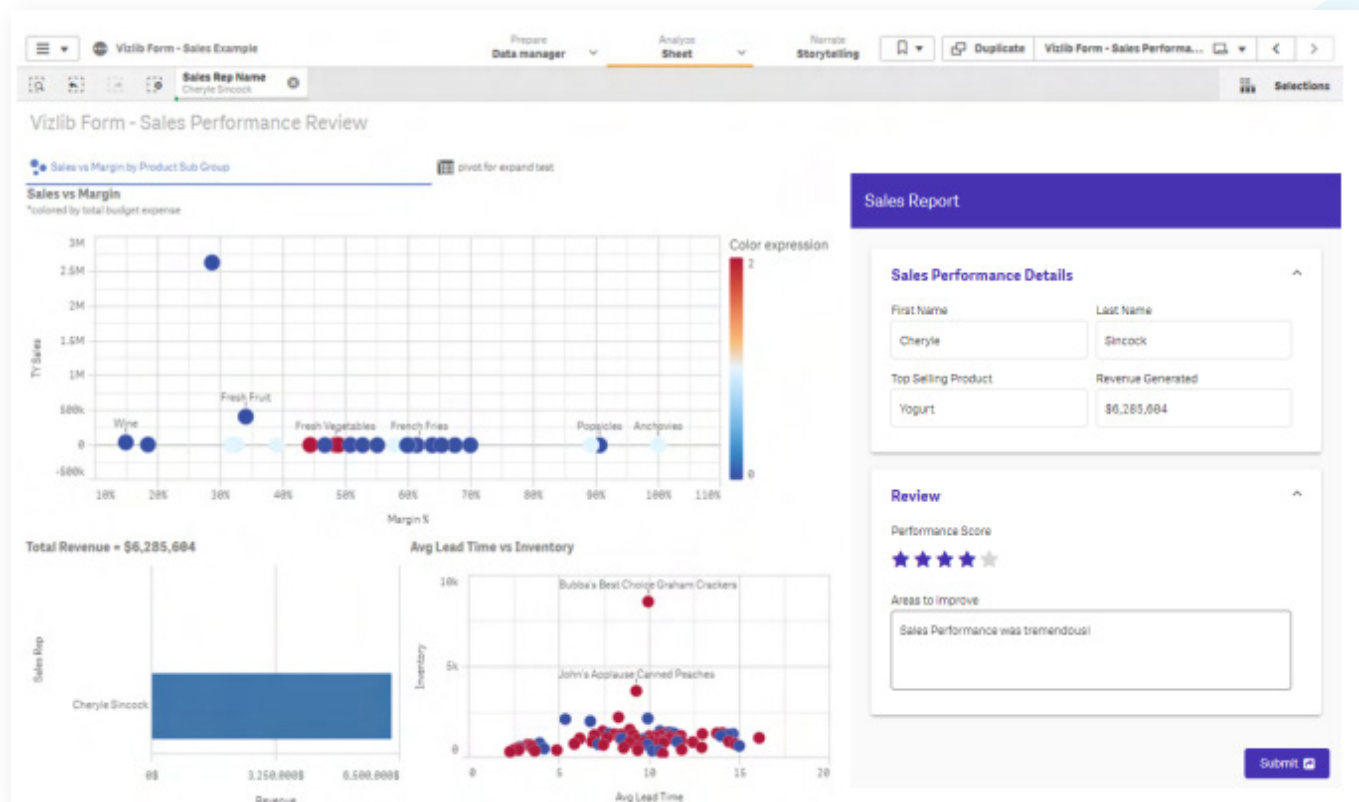
Notifications

Get in-app notifications any time you're mentioned in a conversation, someone replies to a comment you've made, or there are additions to a thread you're on.



Vizlib Input Form

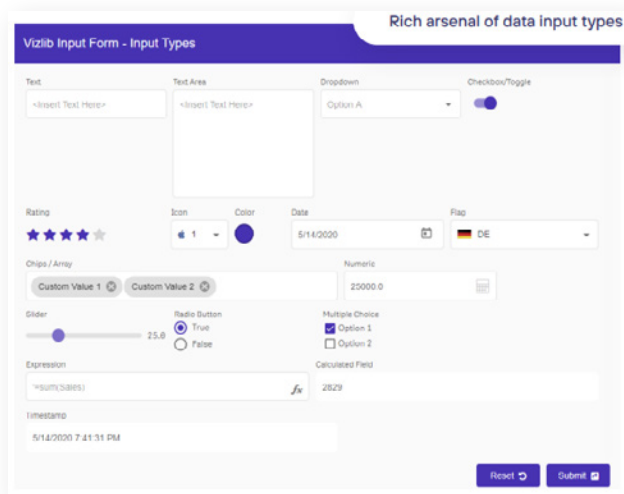
Vizlib Input Form is a tremendously powerful addition to your Qlik apps, helping you to solve numerous business use cases, such as rich and calculation-driven data input forms, CRM data insertion, surveys, sales orders, purchase order creation or workflow initiation (e.g. timesheets and work orders).



A Range of Input Fields

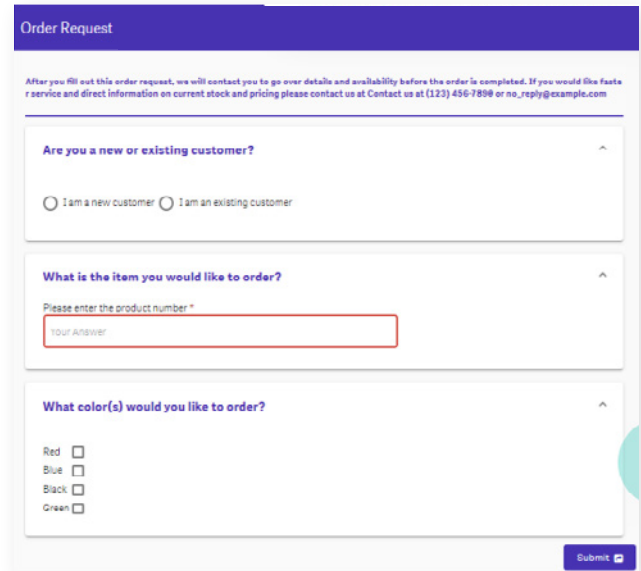
Choose from a wide range of input fields to capture the information you need, including dropdowns, text fields, sliders, ratings, date-pickers, flags and more.

Use our new 'smart' dropdowns to configure your input forms, and massively reduce the chance of any data entry errors.



Design Your Own Forms

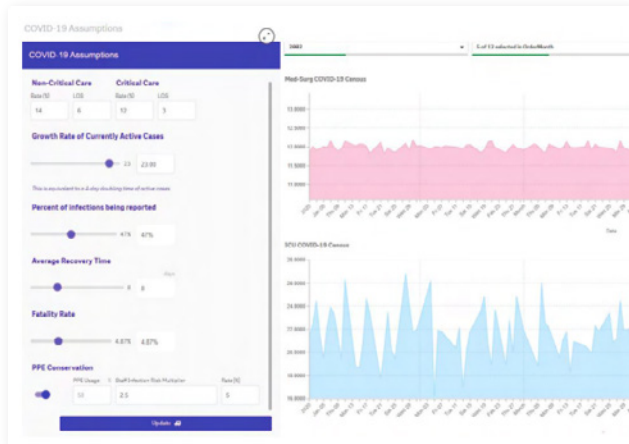
Much like a blank survey form, Vizlib Input Form can be tailored to any use case or business requirement. Think questionnaires, customer feedback surveys, order forms or anything else that requires outside input. Plus, with the Vizlib Input Form Setup Wizard, and huge range of customization options, you can build your forms to be fully on-brand and exactly the way you need them.



Immediate Answers to Your What-If Questions

Vizlib Input Form can also be used to drive a collective set of Qlik variables for advanced what-if scenarios: you can update multiple Qlik Sense variables on the fly to quickly explore various what-if scenarios and fine-tune your prediction models directly in your dashboard.

It's an easy way to improve on your strategic and operational actions with enhanced business simulations in real-time.



Vizlib Write-Back Table

No more interrupted workflows, risk of multiple versions or unsecured file sharing via email! Vizlib Write-back Table allows you to seamlessly tag, group, budget and plan right in your published apps and transform the way you act at the point of insight. It supports storing data to .csv, .xls, or .qvds for fast prototyping and SQL Databases for enterprise-grade deployments.

The screenshot displays the 'Adjustments' interface in a web application. It features a navigation bar with a report flow dropdown, a date range selector (2015-2020), a month selector (Jan-Dec), and currency options (SEK, EUR, USD). The main content is divided into two panels.

Left Panel: Financial Report

Report flow	2019Q1			
	Actual	Budget	Actual vs Budget	Adjustments
Consultation fee	4 063 333	4 207 914	655 419	415 805
Licenses	240 000	315 874	-75 874	19 855
Maintenance	1 075 386	944 840	130 546	0
Support	130 000	163 138	-33 138	1 620
Commission, External	1 583	65 942	-63 969	0
Other Revenue	222 357	111 536	111 529	0
OPERATING REVENUE	6 533 249	5 809 322	723 927	439 875
Subscription Costs, External	-180 280	-147 807	-32 799	0
Licenses Cost	-130 976	-129 903	-10 472	0
Maintenance Cost	-558 427	-509 871	-48 657	0
Commission Cost, External	0	-305	265	0
Other Cost	-31 260	-3 838	-27 562	0
OPERATING COSTS	-828 811	-791 326	-47 486	0
OPERATING EARNINGS	5 704 438	5 017 996	676 443	439 875
OPERATING EARNINGS %	87.3%	86.4%	0.8%	100.0%
Saleses & Vacation pay	-2 185 383	-2 409 386	363 993	0
Other Personnel Cost	-24 257	308 656	-313 943	0
Recruitment	-35 037	-18 899	-17 348	0
STAFF COSTS	-2 167 887	-2 138 388	-27 298	0
Communication	-30 964	-8 759	-22 225	0
Consumables	-5 796	-66 856	61 362	0
Advertising & PR	-19 323	-3 983	-15 331	0
Other External services	81 350	-28 829	-12 523	0
Rent and other properties	-183 714	-131 625	-27 819	0
Transportation and Freight	-57 819	-26 382	-31 428	0
Other External costs	-17 281	-12 173	-5 108	0
EXTERNAL COSTS	-346 219	-331 718	-15 491	0
Group costs	482 157	-225 374	-179 583	0
TOTAL COSTS	-2 676 063	-2 467 873	-188 290	0
EBITDA	2 928 376	2 549 124	488 668	439 875
EBITDA %	43.3%	40.3%	3.0%	100.0%
Depreciations & amortization	-25 281	-27 172	1 911	0
EBIT	2 903 114	2 513 163	489 961	439 875
EBIT %	43.9%	39.6%	3.1%	100.0%
External Financial Income/expense NET	-57 680	-59 851	2 351	0
EBT	2 745 514	2 353 202	482 312	439 875

Right Panel: Add adjustment

Report flow	Actual	Comment	Adjustment	Country
Consultation fee	1,444,356		0	Finland
Consultation fee	1,342,670		0	Sweden
Consultation fee	787,003		0	Netherlands
Consultation fee	611,163		0	Denmark
Consultation fee	338,090		0	Norway
Licenses	211,886		0	Netherlands
Licenses	5,427		0	Sweden

Adjustment History

Adjusted flow	Adjusted Amount	Comment	Adjusted by User	Adjusted At
Consultation fee	263 333	Writeback/Demodata	kari.apostrand@vizlib.com (NIZLIB)	5/14/2019 9:51:14
Consultation fee	259 889		martin.mahler@vizlib.com (NIZLIB)	5/13/2019 2:16:29
Licenses	-1 919	Adjustment after meeting	martin.mahler@vizlib.com (NIZLIB)	5/13/2019 2:16:47
Consultation fee	169 989		martin.mahler@vizlib.com (NIZLIB)	5/5/2019 3:15:02
Licenses	1 919	License invoices not registered	kari.apostrand@vizlib.com (NIZLIB)	5/5/2019 1:51:21
Consultation fee	-5		kari.apostrand@vizlib.com (NIZLIB)	5/5/2019 12:12:42
Consultation fee	290		kari.apostrand@vizlib.com (NIZLIB)	5/5/2019 12:12:21
Consultation fee	5	Adjustment for sgs	jonathan.israel@vizlib.com (NIZLIB)	4/30/2019 7:43:28

Vizlib Write-Back Table



Solve All Your Use Cases

- › Data Quality dashboards for live editing
- › Budgeting & Forecasting
- › Customer Segmentation
- › Planning (Production, Supply Chains, HR)
- › Enriching CRM data through additional comments and insights
- › Mapping Table & Master Data Management in Qlik to reduce spreadsheet risk
- › And many more!

Eliminate Spreadsheet Risk

Still relying on spreadsheets and shared files that have no version control or audit trails to collect and collate the latest data? Vizlib Write-back Table enables you to skip the error-prone manual steps required for maintaining multiple spreadsheets and work with your data directly in Qlik Sense. From governance chaos to a single source of truth! Use our new 'smart' dropdowns to configure your table, and massively reduce the chance of any data entry errors.

Test	Checklist	Country	Color	Rating	Date	Name	Category
Lorem Ipsum 1	<input type="checkbox"/>	Orange	Medium	★★★★☆	12.0	0.0	10
Lorem Ipsum 2	<input type="checkbox"/>	White	High	★★★★☆	0.0	0.0	5
Lorem Ipsum 3	<input type="checkbox"/>	Lebanon	Low	★★★☆☆	30.0	4.0	40
Lorem Ipsum 4	<input type="checkbox"/>	USA	Medium	★★★★☆	57.0	2.0	89
Lorem Ipsum 5	<input type="checkbox"/>	London	High	★★★★☆	62.0	0.0	50
Lorem Ipsum 6	<input type="checkbox"/>	Lebanon	Medium	★★★★☆	73.0	7.0	80
Lorem Ipsum 7	<input type="checkbox"/>	UK	Low	★★★☆☆	10.0	1.0	11
Lorem Ipsum 8	<input type="checkbox"/>	Orange	Low	★★★☆☆	70.0	3.0	01

Directory: ZLIB, ZLIB, ZLIB, ZLIB
userName: Joe Warbington, Jonathan, Martin Mahler, Michael Nordström

Update Users

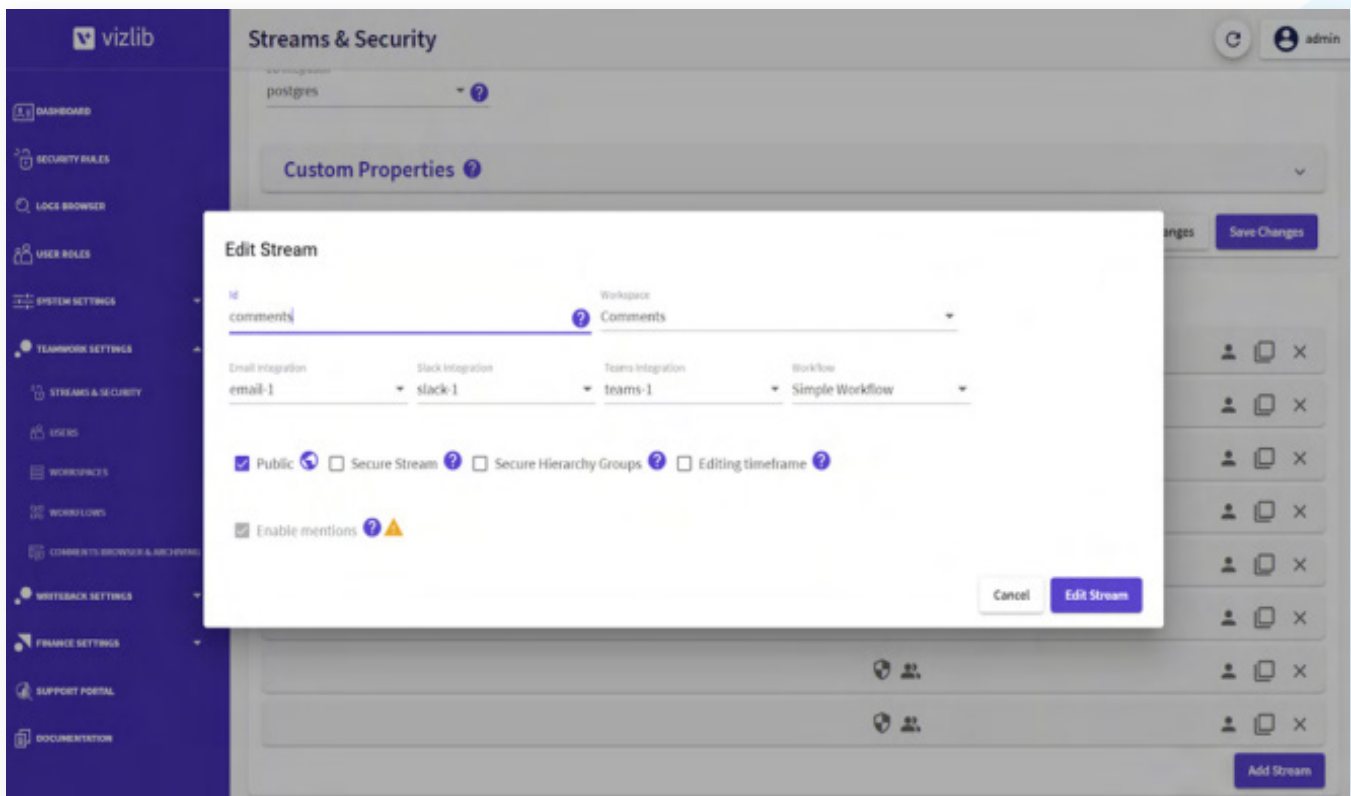
Users QVD	Count
1. Joe Warbington	1
2. Jonathan	1
3. Martin Mahler	1
4. Michael Nordstrom	1

Vizlib Server

(Optional)

Tap into enterprise-grade write-back solutions in Qlik Sense! Advanced functionality and security when you input, edit and share data in your Qlik apps.

Close the analytics loop on a business-wide level—for accurate, trustworthy data that keeps the insights flowing, supports all business decisions and leads to the right documented actions faster.





Write-Back Directly to Your Database

Save time and improve efficiency – write back directly to your chosen SQL database or other business system that supports REST APIs. Collect and correct data while remaining in your Qlik app for more efficient workflows. And free up users’ time by linking up your business tools.

Full View of Audit Trails

Stay on top of all app changes with a 360-degree view of your changelog. With a full audit trail, it’s easy to monitor who’s made a change, when, to what apps and in which objects!

Updated Rows (5)

Text	Country	Color	Rating	Slider	Dropdown	Expression	Chips (Array)
Lorem Ipsum 31 → Lorem Ipsum 4	AI → CC	#bc034 → #32bc03	4 → 3	100	value02	OsUser()	value03
Lorem Ipsum 31 → Lorem Ipsum 5	AL → CU	#bc034 → #1ab1bc	4 → 4	36	value02	OsUser()	value03
Lorem Ipsum 3	AT → NY	#bc034 → #bc2ca4	4 → 2	19	value02	OsUser()	value03
Lorem Ipsum 2	AI	#bc034 → #bc344c	4	64	value02	OsUser()	value03
Sample row	PL	#557dbc	5 → 3	41	value03	Rand()	-

Export

Secure Data with Bullet-Proof Security Standards

Prevent data loss and discrepancies with enterprise-level security standards. Control the infrastructure, governance, privacy and security compliance. By setting up custom security rules and permissions, you determine who’s able to write-back data and to which destinations.

Create Security Rule

Description* Marketing Can Write Active

Resource Type* Writeback Destination Resource ID* writeback Access Level* Write

Attribute Type* userDirectory Operator* Equal Value* MARKETING

Add Condition

Cancel Create Security Rule

Eliminate Errors with Locking Function

Reduce errors and eliminate data chaos with the Locking feature. Lock the writeback destination, so only one person can edit specific data elements or rows at a time. Plus, a handy tooltip shows you who’s locked the file and when.

Text	Checkbox	Toggle	Country	Color	Icon	Rating
Lorem Ipsum 1	<input type="checkbox"/>	<input type="checkbox"/>	Senkita Helena	Green	Medium	★★★★
Free Form text	<input type="checkbox"/>	<input type="checkbox"/>	Sydefrika	Purple	Low	★★★★
Writeback is live.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	San Marino	Red	Medium	★★★★
Lorem Ipsum 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sudan	Yellow	Low	★★★★
Lorem Ipsum 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USA	Red	Low	★★★☆☆
Lorem Ipsum 4	<input type="checkbox"/>	<input type="checkbox"/>	Sydefrika	Green	High	★★★★

1 - 18 of 13

More Features

- › Use numerous customization options for styling and branding
- › Add comments at Sheet and/or Master Item level
- › Preserve selections for a particular case
- › Tie your comments to bookmarks and revisit them any time
- › Create and share bookmarks with other users
- › Add private notes that are visible only to you
- › Benefit from collapsed or expanded modes
- › Define and implement your business workflows within Qlik Sense
- › Leverage the rich commentary editor
- › Search through comments and conversations
- › Attach a chart image and a copy of the underlying data to emails
- › Attach fully threaded conversations to your bookmark for convenient sharing
- › Define your own security access rules to prevent unwanted users from accessing sensitive comments
- › Define and create your own communication channels to separate different users and quickly switch between parallel conversations
- › Use Teamwork Threads to group all relevant replies without clogging the chat and preserving context

FAQs

> **Where can I find information on pricing?**

Pricing, including all available user packages, is available for you to view in the Vizlib user portal – you need to login or click the link in your download email to access the portal:

<https://www.vizlib.com/protected/upgrade>.

> **Can I purchase extensions or categories separately?**

Every package is designed to deliver a powerful analytics experience and provide you with the tools and features you need to achieve your dataviz goals. This means you can purchase a subscription for the chosen package, but not individual extensions or extension categories. We are delighted to schedule tutorial and demo sessions to help you explore and understand the capabilities of each product better – please get in touch if you'd like to learn more!

> **Is Vizlib free to trial?**

Vizlib is free to trial for up to 5 users.

One Vizlib user license allows an individual to use all Vizlib Extensions within the Qlik Sense environment based on their UserID, regardless of whether they're an app developer, app user or end user. A Vizlib license will account for all use cases for that one named user and is the same as an assigned Qlik Sense Token.

> **What's included in the subscription?**

The subscription includes standard product support and any upgrades and additions we make to the package over time. Typically, we support new versions of Qlik Sense at the time of their release or within a few days.

> **Do you have a partner program?**

Yes! We run the Vizlib Partner Program (VPP). To join the VPP you need to be a Qlik certified partner. For more information, please visit help.insightsoftware.com.

> **Will the extensions work in QAP/QSEoK (mashups)?**

Yes!

> **Will the extensions work in Story Mode?**

Yes!

> **Will the extensions work with nPrinting?**

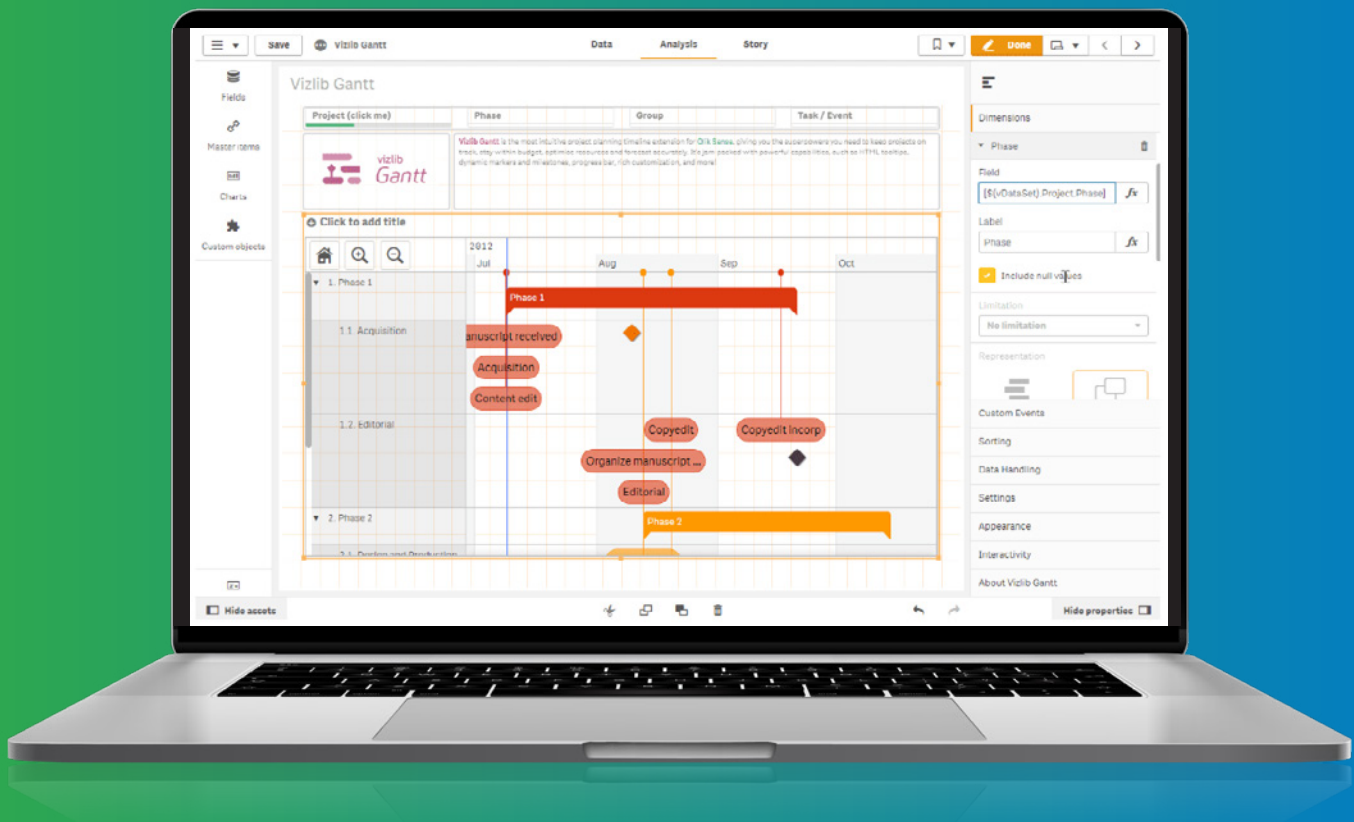
Yes!

We Build Powerful Value-Added Products for Qlik Sense.

Our feature-rich, intuitive Qlik Sense solutions empower data-driven organizations to extend their current analytics capabilities and uncover meaningful insights faster than ever before. We make data talk.

Leveraging our ready-to-use extension products, organizations go from mere data reporting to data storytelling in seconds, significantly boosting their time-to-market for new Qlik Sense projects. We are a valued partner to many of the world's leading businesses that seek fast, effective and branded solutions to boost data adoption across their organization.

Once You Experience Vizlib, There's No Going Back.



About insightsoftware

insightsoftware is a global provider of comprehensive solutions for the Office of the CFO. We believe an actionable business strategy begins and ends with accessible financial data. With solutions across financial planning and analysis (FP&A), accounting, and operations, we transform how teams operate, empowering leaders to make timely and informed decisions. With data at the heart of everything we do, insightsoftware enables automated processes, delivers trusted insights, boosts predictability, and increases productivity.

Learn more at insightsoftware.com.



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