WHITEPAPER

Qloud Cover App+



STRETCH QONNECT | Qloud Cover

Qloud Cover App+

Talk to your Qlik app. Write your load script. Same window.

Discover Qloud Cover App+: an AI copilot for Qlik, built into your browser. It sits right next to Qlik and does two jobs: a **chat companion** that answers questions about your app in plain language, and an **AI assistant for the load script** that helps developers write, explain and refactor code, with every change reviewed before it is applied.

No context-switching, no copy-pasting into a chatbot. And because you bring your own AI provider, your key and your prompts never pass through us.

It is built so teams can actually adopt AI in Qlik, not just experiment with it:

- **Bring your own AI provider:** Anthropic Claude, OpenAI, Azure OpenAI or any OpenAI-compatible endpoint, including a self-hosted model server.
- **Your key never leaves your browser.** Qloud Cover never sees, stores or proxies your prompts.
- **Anonymize before you send.** Table, field and connection names are replaced with placeholders before anything leaves the browser.
- **You stay in control.** Nothing is written to your script until you accept the diff.

Why Qloud Cover App+?

> For when AI belongs inside Qlik

Ever pasted load script into a chatbot? Then you know the drill: you lose the context of the app, get a generic answer, adapt it by hand and paste it back, hoping nothing else broke.

Meanwhile, business users build a new chart for every question they want answered. And the people responsible for security are left wondering where that script, and the names of the tables and fields in it, actually went.

Three problems we hear every day

- **Questions turn into charts.** Every new question becomes another object on another sheet.
- **Developers lose context.** Long, multi-tab scripts do not survive a copy-paste into a separate tool.
- **Security becomes a blocker.** Sending table names, connection strings and business logic to an unapproved service is reason enough to say no to AI altogether.

Qloud Cover App+ closes that gap. It lives in the same window as Qlik, as one surface for the person asking questions of the data and the person writing the script behind it.

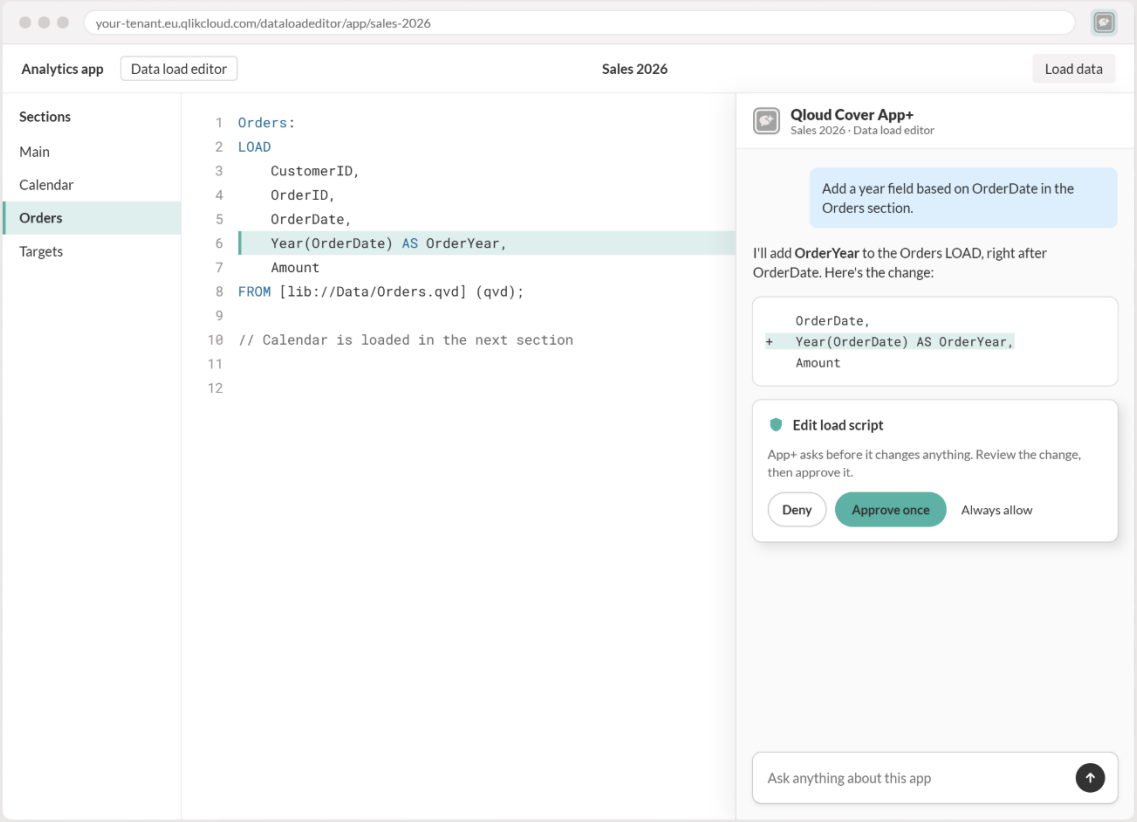
Key functionalities

	Job 1: Chat with your app	Job 2: Write the load script
Who it is for	Analysts and business users	Qlik developers and data engineers
Where it works	Next to your Qlik app	Inside the Data Load Editor
What it does	Answers plain-language questions using your actual fields and dimensions	Explains, writes and refactors script; inserts templates; lints and outlines
Plan	Paid plans	Free

Chat with your app

Ask your Qlik app a real question in plain language and get an answer that references your actual fields and dimensions by name, for example *"Which region had the strongest growth last quarter, and what drove it?"*

Ask follow-ups and the conversation keeps its context. Through **Qlik MCP**, App+ can also act on your app rather than just describe it, for example pulling a dimension or reading a filter state, so the answer reflects what is really there.



The above is an example of a visual representation of the Qloud Cover App+ functionality, which has been generated using AI.

Ask AI about your script

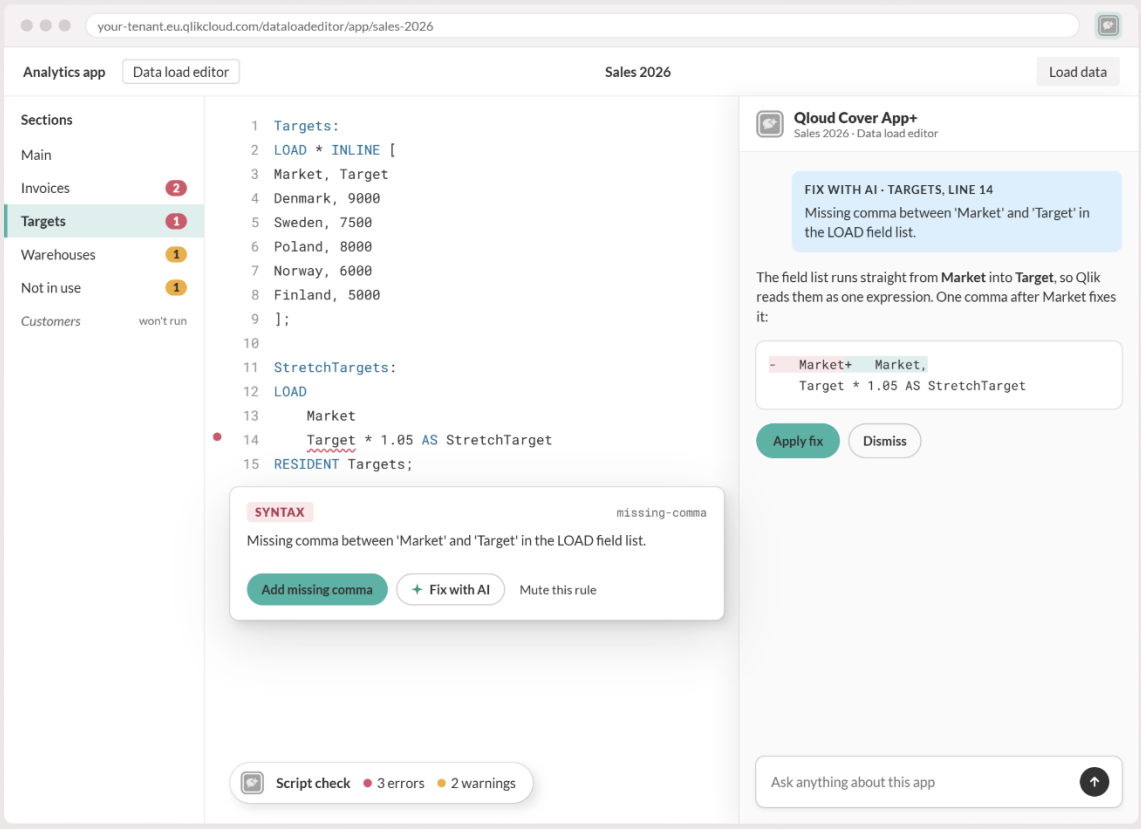
Explain a complex section, rewrite a LOAD with error handling, or refactor across tabs. You decide how much of your script the AI gets to see:

Script context	What is sent	Typical use
No script context	Nothing from your script	General Qlik questions, such as how to use ApplyMap
Current section only	The section open in the editor	Rewriting one LOAD or adding error handling to one tab
Entire load script	Every section of the script	Cross-section refactors and structural changes

Type **/** in the prompt to mention a specific section, so the AI gets exactly the context it needs and nothing more.

Review before anything changes

Every suggestion is shown as a diff before it touches your script, with a full-script view and a per-tab view for cross-section changes. Accept, and the change is written. Reject, and nothing happens.



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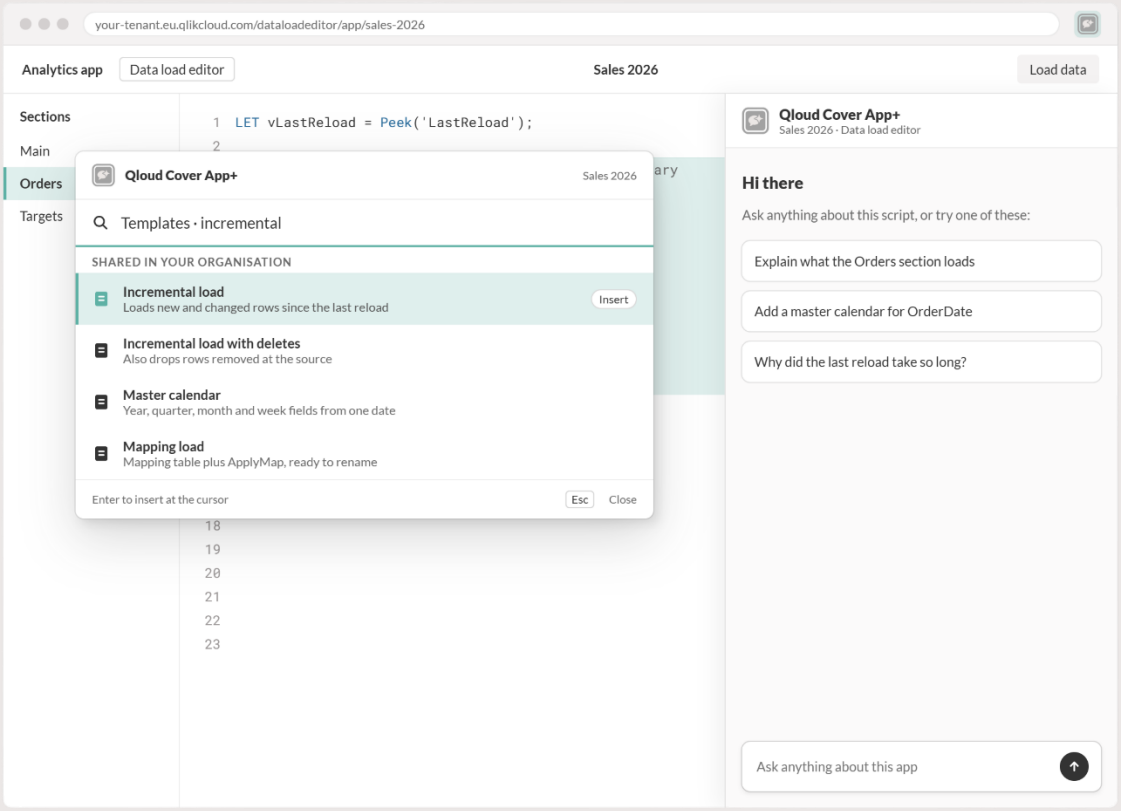
Command palette, templates and system subroutines

One shortcut, **Ctrl+Shift+Q**, opens reusable templates and snippets: logging, timers, try/catch, mapping tables, incremental QVD loaders and more. Helper subroutines go into a managed **system block** that updates itself without creating duplicates and leaves your own code untouched.

Script Check, Script Health and Execution overview

- Script Check: a linter with a deterministic auto-fix path for the safe cases.
- Script Health: a live health badge in the editor, so issues are visible while you work.
- Execution overview: a tree of every CALL, SUB and control block, built automatically.

Templates, formatting, linting and the outline all work without an AI key. You only need one for the Ask AI flow.



The above is an example of a visual representation of the Qloud Cover App+ functionality, which has been generated using AI.

Authentication and security

Security is not a footnote in App+. It is the reason teams can actually adopt AI in Qlik: your data, your keys and your decisions stay with you.

Bring your own AI provider

Use **Anthropic Claude**, **OpenAI**, **Azure OpenAI** or any **OpenAI-compatible endpoint**, including a self-hosted or corporate model server such as vLLM, Ollama, LM Studio, LocalAI or an internal AI gateway. Organizations that need data sovereignty or central audit can route every prompt through their own infrastructure.

Your key never leaves your browser

Your API key is held in the browser's local extension storage and sent only to the official endpoint of the provider you chose, over HTTPS. Qloud Cover never sees, stores or

proxies your prompts or responses. Optional **passphrase encryption** (PBKDF2 + AES-GCM-256) keeps the stored key from travelling in plaintext if you sync your browser.

Anonymize before you send

Table, field and connection names are replaced with placeholders such as TABLE_001, FIELD_001 and CONN_001 before anything leaves the browser. The response is restored to your real names locally, and the mapping is never stored or sent. Variable names, comments and string literals are not anonymized, so remove sensitive content from those before sending.

Human in the loop, by default

Every AI change is shown as a diff you approve. Auto-apply is off by default and requires explicit, one-time consent that spells out the risk.

Minimal access, granted by you

App+ requests no access to your Qlik sites at install time. You choose which Qlik sites it runs on, per tenant or all at once, and access can be revoked at any time. Reading and writing the full script uses your existing Qlik session, with no new login, service account or separate Qlik API key.

Boundary	How App+ protects it
Extension UI and Qlik page	A closed shadow DOM, so other scripts on the page cannot read what you type into the AI prompt
AI keys and settings	Kept in the extension's own storage, isolated by the browser and never exposed to the page
Qlik access	Uses your existing login under the browser's same-origin rules
AI provider traffic	Keys are sent only to the configured provider's endpoint
Diagnostics	Captured only on explicit opt-in; prompts are not collected automatically

Built for teams: Fleet

Rolling App+ out across a team? With **Fleet**, a central admin pushes configuration to every install: model choice, connected Qlik MCP servers and anonymization defaults. The whole team starts from the same, governed setup.

- One approved provider and model instead of a mix of personal accounts.
- Consistent anonymization defaults across every developer.
- Faster onboarding, since new team members are productive from day one.

How does it work?

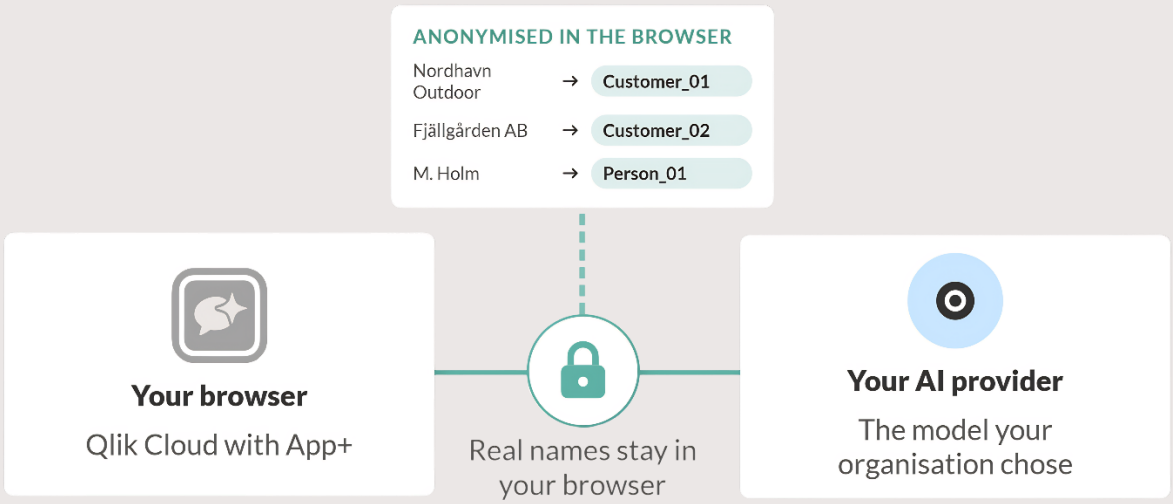
Getting started with Qloud Cover App+ takes a few minutes. Here is the breakdown of each step:

1. Install App+
   Add Qloud Cover App+ from the Chrome Web Store. It works in Chrome and Chromium-based browsers such as Edge, Brave and Vivaldi.

2. Choose which Qlik sites to run on
   Nothing appears in Qlik until you grant access, per tenant or all at once. Works with Qlik Cloud and Qlik Sense Client-Managed.

3. Connect an AI provider
   Paste an API key from Anthropic, OpenAI, Azure OpenAI or any OpenAI-compatible endpoint. Templates, formatting, linting and the outline work without one.

4. Open a Qlik app
   Press Ctrl+Shift+Q to open the command palette, and you are ready to go.



Use cases

- Qlik developers: less time on boilerplate and debugging, safer refactors through diff review, and a clear overview of unfamiliar scripts.
- Analysts and business users: answers to real questions in plain language, without waiting for a new chart.
- BI and data leaders: more output from the same team, and consistent standards through templates and Fleet.
- IT and security: AI adoption on your terms, with your provider, your keys, anonymization and human approval of every change.

Licensing

The full script-side toolkit is free. Paid plans add the capabilities that matter when App+ becomes part of how a whole team works with Qlik.

Capability	Free	Paid plans
Command palette, templates and snippets	✓	✓
Managed system subroutines	✓	✓
AI assistant for the load script (bring your own key)	✓	✓
Diff review, full-script and per-tab	✓	✓
Script Check, Script Health and Execution overview	✓	✓
Chat companion for your Qlik app		✓
Qlik MCP tool-calling		✓
Git versioning for your load script		✓
Fleet: centralized team rollout		✓

See **qloudcover.com** for current plans and pricing.

How to get started

- Go to the portal at **qloudcover.com**.
- Click on “products” and then “Qloud Cover App+”.

- Click "Add to Chrome" to start free, or fill out the contact form for a personalized demo for your team.

A part of the Qloud Cover product line

Unlock the full potential of your Qlik experience with our suite of tools designed to enhance and streamline your workflows.

At Stretch Qonnect, we have developed Qloud Cover to cater specifically to the needs of developers, data scientists and analysts who rely on Qlik for their data visualization and analytics projects.

Why Qloud Cover?

Qloud Cover tools fill the gaps that Qlik itself has not addressed, giving you a smoother, more efficient and more productive way of working. Each product is built from real challenges we meet in Qlik environments every day.

Dive into a world where data management is simplified and your analytics capabilities are expanded. Join us at Qloud Cover and transform the way you use Qlik.

Powered by Stretch Qonnect

Stretch Qonnect is the creator behind the Qloud Cover platform. We are a certified Elite Solution Provider and former Qlik Global Innovation Provider of the Year, based in Copenhagen, Denmark, and Malmö and Stockholm, Sweden.

By working with Qlik consultants from Stretch Qonnect, you make sure your environment follows best practice, so you get maximum value for your users, customers and business operations.

Check us out at: **stretchqonnect.com**

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