

# Elements for Tableau

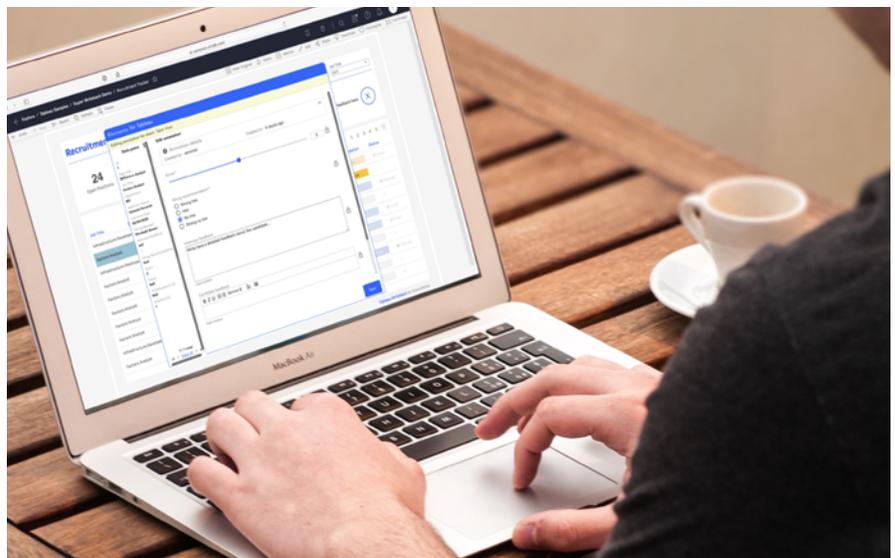
Enterprise-ready write-back and collaboration platform

## Highlights

- Annotate complex aggregated and raw data along with its dimensions
- Authenticate users through preferred methods including AD, SAML and OAuth
- Enterprise-grade access management with full control over user and group permissions
- Multitenant architecture provides isolated workspaces for departments, divisions or teams
- Fully audit-compliant with complete history of comments and user activity
- Your own database records comments and annotations – your data never leaves your premises
- Commenting via modal windows for efficient user experience
- Easy-to-use form builder with multiple input field types: text box (including rich text), radio button, checkbox, drop-down list, number field, sliders, autocomplete field, etc.
- Secure approval workflow supporting multiple approvers is integrated into the commenting process

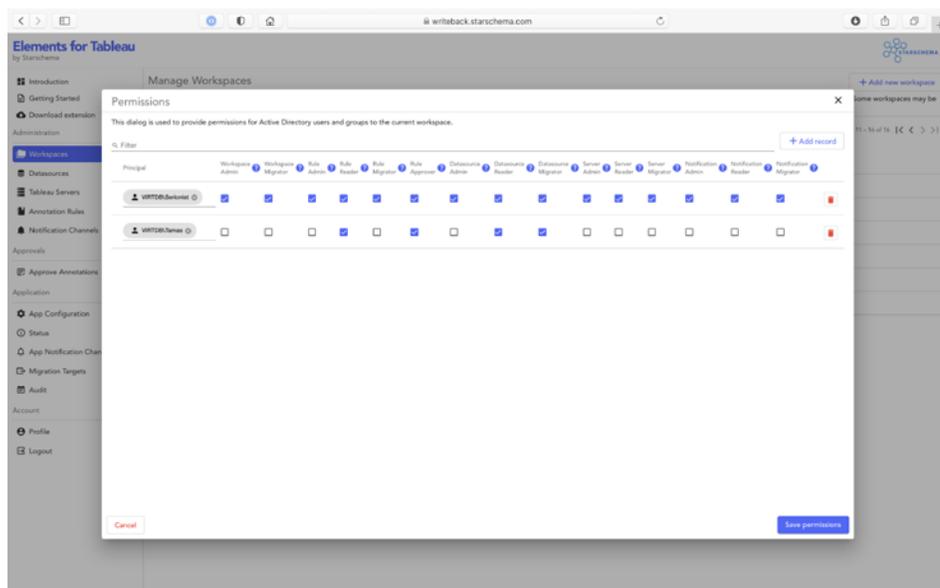
At the core of every data-driven organization is the ability to make data easy to access, share, discuss and act on. This data democratization improves the decision-making ability across every function of the organization. No longer is the data needed to make informed decisions buried in email chains or multiple versions of Excel workbooks or long slide decks. It is readily accessible – in a single version – and visualized to make insights easy to grasp. Elements for Tableau enables Tableau users to comment on the data directly from the dashboards. This further accelerates communication around the data and leads to faster and more informed decisions.

## Transform Tableau dashboards into a collaboration hub



With Elements for Tableau, your team can gain faster and better insights by transforming dashboards from a data-consumer experience into a hub of actionable collaboration. You can eliminate the traditional, inefficient and difficult-to-manage data review and communication process. Whether it's Tableau Server or Tableau Desktop, you can analyze, discuss and enrich data together, directly in the Tableau experience rather than resorting to emails or another collaboration tool.

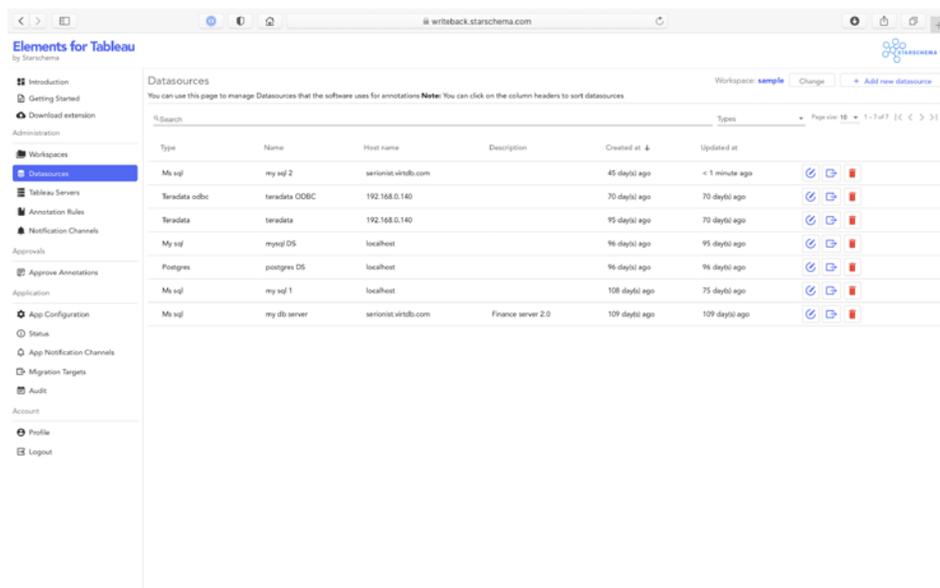
## Simple yet powerful access management



Elements for Tableau integrates with MS Active Directory and supports SAML, OAuth and custom authentication methods – including Single Sign-On. This provides easy and quick access to the tools.

System Administrators can assign different levels of permissions to users and groups, precisely controlling who can annotate data, approve a comment or even configure the system. Multitenancy is ensured by workspaces, which encapsulate database configurations, users and annotations, perfectly isolating the work and data of the different departments in the company. Additionally, Elements for Tableau can be configured to record and store a complete audit trail of user activity so you can always see who did what.

## Data annotations with full storage control

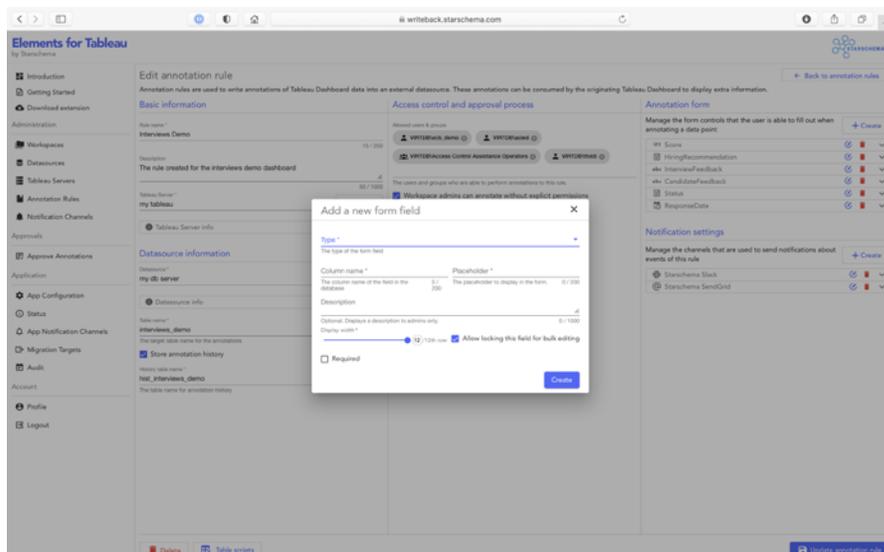


There are two different ways data annotations can be used on a Tableau dashboard. Most commonly, they are displayed as additional data next to the raw and aggregated data, but they can also replace the original data virtually overwriting it on the dashboard.

Either way, data annotations are always stored in a separate auditable database and can be reverted anytime. By default, Elements for Tableau supports connecting to MSSQL, PostgreSQL, Teradata and MySQL databases, but the generic architecture allows us to extend the system with other types of databases. Using your own database ensures that no data – even annotations and comments – leaves your premises.

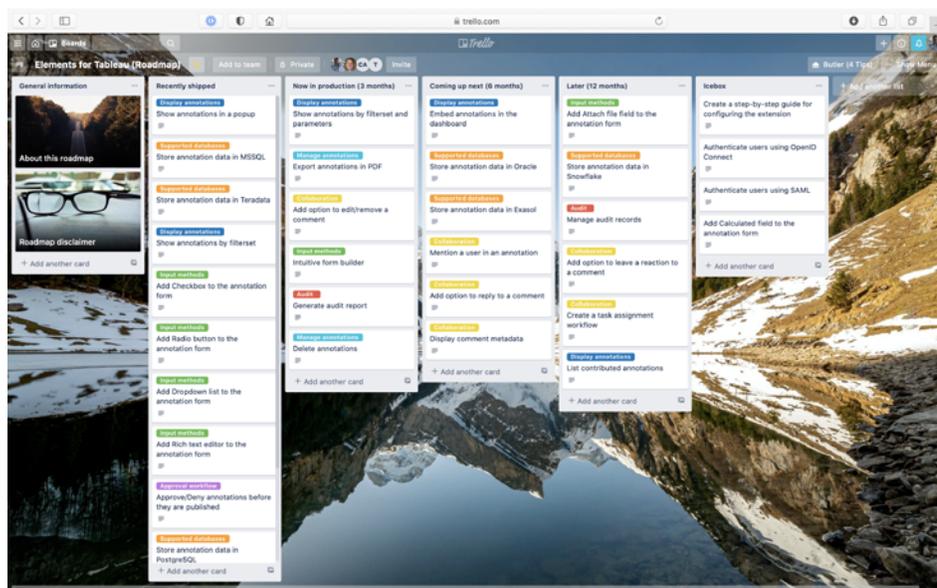
## The right commenting tool for any use case

The complexity of data annotations can vary by use case, from a single note to a sophisticated survey form.



Using Elements for Tableau's handy form builder, Administrators can create custom UIs from atomic building blocks – text fields, checkboxes, drop-down lists, etc. – and set defaults, minimum or maximum values, enable autocomplete, set validation criteria and order the elements on the form. For added data accuracy and security, an approval workflow can be integrated into the commenting process that ensures that new comments are reviewed by one or more approvers before they are published to the dashboard.

## Customize it to your needs



Every company has specific challenges which require specific solutions. Elements for Tableau is highly customizable to meet the unique needs of your organization.

Whether you'd like to integrate a new type of database or authentication method, apply custom branding and localization, add new input methods or even add a completely new feature, our Tableau developers and software engineers will deliver fast effective solutions.

## ASK THE EXPERT



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## About us

At Starschema we believe that data has the power to change the world and data-driven organizations are leading the way. We help organizations use data to make better business decisions, build smarter products, and deliver more value for their customers, employees and investors. We dig into our customers toughest business problems, design solutions and build the technology needed to compete and profit in a data-driven world.