

# Improving Time-to-Insight with Elements for Tableau

## Case Study



## Client

Fortune 50 technology company

## Background

One of the world's largest multinational technology companies has a large and complex Tableau environment with many users who frequently pore over data to reveal business insights. Often, they would notice inconsistencies or irregularities in the data. To correct this, they had to go through a cumbersome process of going all the way back to the source of the data to question and update it.

This required communication between different teams to identify the data warehouse with the incorrect data and ensure that the update would appear in all relevant dashboards. This communication was often a slow process that took place over email.

## Challenges

- Cumbersome data review process
- Need for increased dashboard-based cooperation
- Enterprise-grade security and scalability requirements

## Business Impact

- Improved time-to-insight

## Technologies

- Tableau Software
- .NET Core
- Angular

## Challenge

To reduce time-to-insight, our client wanted to enable its Tableau users to write back to the data source, annotate the data and discuss the data point directly from the Tableau dashboard itself. In addition, any eventual solution needed to promote the adoption of Tableau-based cooperation across the company, while offering enterprise-grade security, access management, resource separation and integration with their existing infrastructure.

## Solution

When analyzing the challenge, it became clear that Starschema's Elements for Tableau would be a suitable product to base a solution upon.

As a flexible Tableau dashboard extension that can be configured and customized to meet specific needs of the most demanding enterprises, Elements integrated directly with the client's existing directory service and network infrastructure to offer a complete write-back solution hosted on-premises.

Additionally, there was a need to optimize Elements to the client's use case to avoid fragmenting relevant data sets into silos for each team. To solve this, we created a central database for all annotations across the various teams. This enabled more streamlined cooperation, while maintaining the required enterprise-grade access and permission controls.

## Outcome

The client realized an immediate improvement in the time it took to resolve data accuracy questions and change data points in Tableau. Another notable result was that conversations about data insights, both within and between teams, increased overall and took place directly in the dashboards.

Usage of Tableau inside the company increased by 34% after the adoption of Elements, as the extension helped Tableau become an even more integral part of the decision-making process. The collaboration options that Elements enables now directly inform the design of new dashboards, leading to even faster insights and more engaging dashboards.

Elements for Tableau is an enterprise-class write-back and dashboard collaboration platform for Tableau Desktop, Server and Online.

Usage of Elements for Tableau scaled up 500% in the second half of the year of adoption compared to its initial deployment, onboarding a total of nine organizations across the company.

## Go Further

Find out how Elements fits into your unique use case to transform Tableau into a full-featured, enterprise-grade data collaboration hub that empowers you and your team get better insights more easily.

Explore Elements:  
[starschema.com/lmt](https://starschema.com/lmt)

## ASK THE EXPERT



### **Soma Osvay** **Lead Software Architect**

Soma Osvay is a master of Tableau APIs, extensions, customizations and undocumented features. Drawing on his deep expertise in Tableau Server related solutions, Soma has created numerous applications that tightly integrate with Tableau. Soma's passion extends beyond software development to IT security and has frequently helped improve Tableau features by auditing the security of sandboxed extensions and reporting security bugs to Tableau.

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## COMPANY

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.

## GET IN TOUCH

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