

## Case Study

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# Axiom Structures Uses SpreadsheetWeb to Build an Engineering Application from Their Spreadsheet Model without any Coding

### The Challenge

Axiom Structures was founded in 2016 by Troy Bishop, P.E., G.C., & Realtor®, to assist property owners, realtors, investors, and the general public with a “quick response” structural engineering firm. to oversee, design, and consult on their structural repairs and renovations.

Axiom Structures has been using Microsoft Excel to build complex models that perform various structural analysis calculations. However, they felt a need to convert these Excel-based spreadsheets into web applications so that their clients would be able to find the appropriate product for themselves easily, leading to a quicker and more efficient purchasing process. Their challenge, which started with the aim of providing a better service to their clients, put them on a path to SpreadsheetWeb.

Troy Bishop explains their challenge: "We needed a way to have our clients enter the information about their windows and doors themselves, so they can cross check the appropriate product. They then use the application to purchase sealed engineering from us."

### The Solution

To create this web application from scratch would be time-consuming and costly. Spending thousands of dollars to create a web application from their spreadsheet did not make financial sense to the company.

Troy started looking for a solution with a, “No Code approach” and explains their journey to discovering SpreadsheetWeb:

"When we started looking for a solution through Google, we considered many other alternatives, but the biggest reason why we chose to work with SpreadsheetWeb was the professional assistance and the database. SpreadsheetWeb is the only product that I know that has a

database that can retrieve our highly complex spreadsheets. So, users are now able to go to the database and retrieve a useful and important files with ease. Everything looked really professional, so I was very excited."

### The Results

Troy has been able to easily solve his business challenges with SpreadsheetWeb. He says that this process took about two weeks and was fast and effective, not even requiring his involvement throughout much of the process.

By converting his company's Excel workbook into a full-blown web application, Axiom Structures can now ensure that all their clients can cross-check and find the appropriate product for them, while keeping their data completely secure.

Creating a web application from scratch can be a financial drain for companies if they do not have the relevant resources in-house, as well as a heavy time commitment. Using SpreadsheetWeb, Axiom Structures was able to save on time and cost, not only for the conversion process of developing the application, but also through the subsequent usage of the application to streamline their processing.

Troy notes that they, "expect to save 10 hours and \$1,000 in ROI on an approximate weekly basis".

Axiom Structures was able to build their web application from scratch and release it to their customers in a noticeably shorter timeframe. In addition to keeping their data completely secure with SpreadsheetWeb's user-friendly platform, they can easily make changes to this application without needing any developer support, providing their clients the latest version within minutes.

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