

A Construction company gains Time Entry Efficiencies Using Power Platform

A Covenant
Technology Partners
Case Study

What was their business problem?

Our client required a flexible solution that could integrate into their existing construction project solution to provide a simple application to allow time entry to be tracked to projects.

We were able to address many of the exceptions to data entry during the piloting and initial rollout. Such as entering on behalf of another employee due to circumstances, editing data when needed, & tracking of PTO time to list a few. We even enhanced the solution by using Power Automate to perform a weekly data load into another system for billing purposes, and using PowerBI to generate real-time reports that managers can review to obtain the latest project costs during the current billing cycle prior to being posted.

What was our solution to solve the problem?

We built a solution using the Power Platform to solve the problem. By using Microsoft PowerApps we were able to provide a targeted solution to address the immediate need of recording time against active projects, with data validation and utilized the SQL Server connections feature to integrate to data stored in other solutions.

What are the results/outcomes?

The solution has been in place for almost a year and has matured into a solid solution used across multiple devices and end users. One of the main concerns has been the increase in licensing costs for this solution since the 1200+ users need to utilize it weekly. The plan is to address the licensing problem by creating an a custom solution based in Azure that only contains the subset of functionality required for a standard user. Since the solution has been verified as a PowerApp this provides the exact functionality that must exist in the custom solution therefore reducing the risk of creating a custom solution.

Additionally, another division needed a similar application to solve a problem and we were able to quickly copy the power platform components to generate a sister application with business rules specific to there needs. This reuse of Power Platform components significantly reduced the time to implement.