



Gaining Clarity, Reclaiming Time

The Impact of Automated Financial Modeling at PK-30 Systems

PROJECT SUMMARY

AT A GLANCE

REQUIREMENTS

- Maximize Automation
- Integrate Data from 3 Departments
- Allow for Manual Override
- Incorporate Special Scenarios
- Catch and Prevent Errors
- Built to Update Itself and Layer Future Functionality Upon

OUTCOMES

- Reclaimed ~364 hours/year
- Error Reduction And Prevention
- Cross Departmental Communication Improvements
- Increased Visibility into Cashflow
- More Accurate Invoice Tracking and Shipment Schedules

RESULTS

- **Time Savings:** The optimization resulted in savings of ~364 hours per year with the co-owner reclaiming ~5 hours each week to grow other areas of the business.
- **Error Reduction:** Manual entry has nearly been eliminated and the model now highlights errors or missing information and explains the cause of discrepancies.
- **Improved Decision Making:** With improvements to accuracy and visibility PK-30 is able to view further ahead, plan accordingly, and make more informed decisions.

ABSTRACT

Venture Bound was engaged to optimize the existing payment intake and projected cashflow model of PK-30 System as the creation process was time consuming and error prone.

OBJECTIVES

Integrating data from three departments required the model to simply and seamlessly combine inputs while adjusting for special scenarios or necessary manual modifications that occur frequently. It also needed to identify and pinpoint where and why errors occurred and allow for future functionality.

SOLUTION

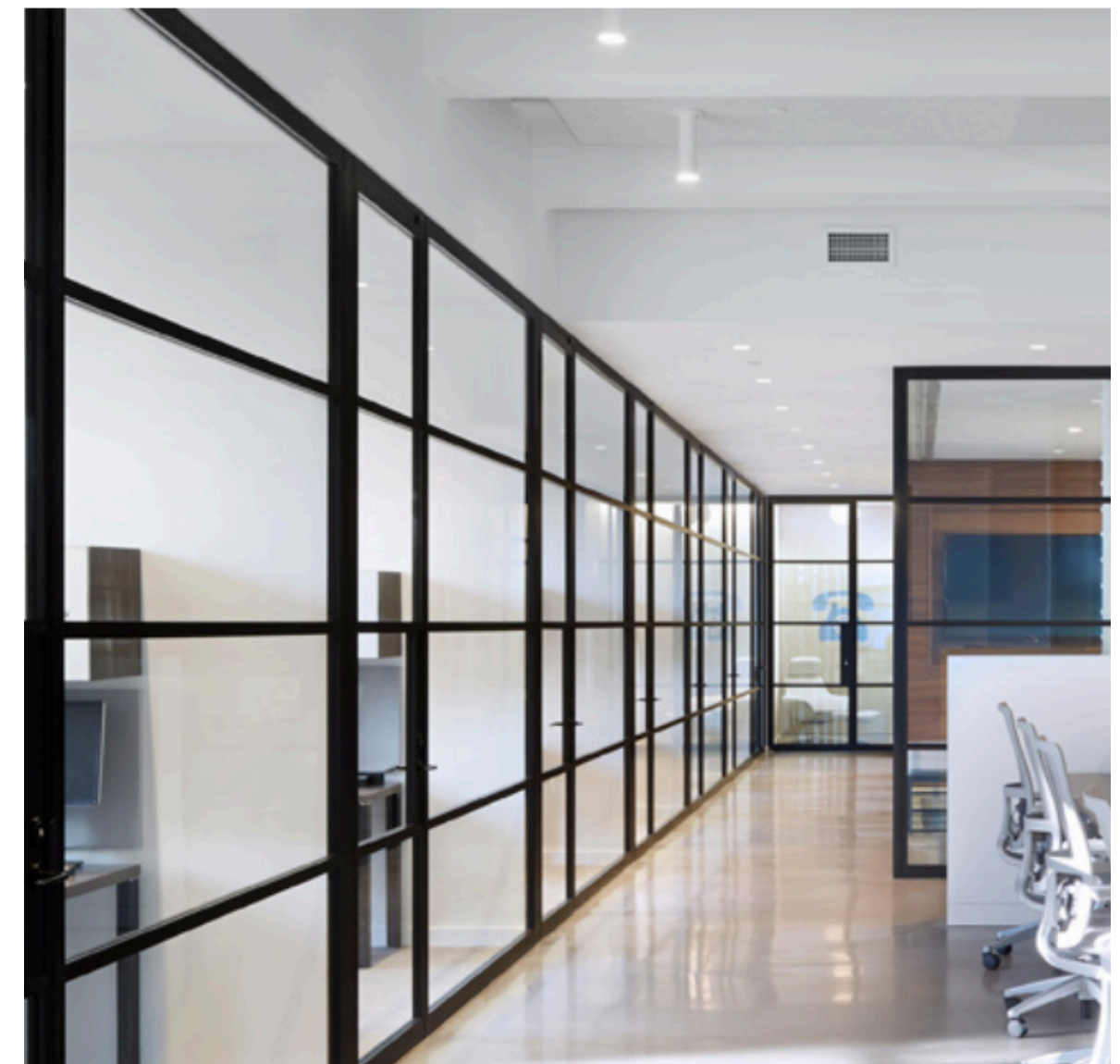
The updated model highlights errors and seamlessly integrates data, categorizing and sorting expected payments in real time. It also catches and identifies discrepancies. Additionally, users saw minimal disruption and now do what took hours in minutes.

CLIENT RECAP

PK-30 system®

COMPANY OVERVIEW

PK-30 System is a single source manufacturer known for their meticulously designed and engineered aluminum demountable wall system which provides a flexible, environmentally friendly and cost effective way to divide interior space. The System can be used in widely varying configurations including sliding doors, swing doors, fixed panels, folding and sliding/stacking walls, all utilizing the same narrow aluminum profiles.



CLIENT Q&A

Q. How much time do you estimate you have saved per week as a result of the automation of the payment intake process?

Co-Owner: “On the cash flow report, I have saved about 5 hours per week”

Production Scheduler: “1-2 hrs. per week +45 min meetings a couple times a month. But when there were issues or I was creating a smartsheet solution it was over 10 hrs. some weeks at the beginning of 2024”

Q. How are you re-allocating the time savings experienced?

Co-Owner: “I now know that the report will only take a few minutes to create, which allows me to schedule other things during the time I used to work on it.”

Production Scheduler: “I have more time to focus Production Scheduling and following up on projects that need to be released. Also more time to manage staff and IT issues, focus more on tasks and projects I am more skilled at and provide higher ROI to PK-30.”

Q. Have you seen a reduction in errors after implementing the new model?

Co-Owner: “The new report requires very little manual input or data entry, and the less data entry, the less human error.”

Q. Has the updated model improved communication between departments regarding financial planning and cashflow if so, how?

Co-Owner: “Yes, the shipment schedules of the projects is more accurate and the information is shared between various departments. I feel that there is more focus in having the shipping schedules be more accurate.”