



McCarthy Identifies Best Tool Available for Submittal Generation

After evaluating similar software products, McCarthy finds increased time savings and more in-depth analysis with AutoSpecs.

Problem

McCarthy Building Companies is an organization that prides itself on operational excellence, providing processes and technology to keep their team at the forefront of the industry. As a team, they didn't realize that the process of creating a submittal register was as manual and time consuming as it was until their Southwest Region saw an opportunity for efficiency with Pype AutoSpecs.

- Diminished quality, as time for analysis was lost on the tedium and fatigue of manual specification compilation.
- Difficulties with version review, as the team sifted through multiple iterations of the specs, with little understanding of the changes added.



"My first response to our staff that wanted to use it was, 'No way, our project engineers need to read the specifications and develop the project submittal register.' But, after initial conversations with multiple people within McCarthy, and the project team, I viewed Pype and became very interested."

David Heyde, Sr. Project Manager, McCarthy Building Companies

The management team at McCarthy was made aware of the opportunity Pype provided, and they began to question how their own process was completed. Systems were in place for processing and housing specifications, but they were manually searched and retrieved using Bluebeam which required the project engineer to spend considerable time validating and building in Excel. There were three issues identified regarding this process:

- Frustration from project executives regarding the manual specification review process, which monopolized the team and made them unavailable for other work.

After the Southwest Region piloted Pype AutoSpecs on a project, they provided feedback that it was efficient and had a high quality of output for specifications. "After the initial training session and initial use, I became very impressed and saw the benefits of Pype, our Project Engineers could spend their time much more efficiently reviewing and modifying the information that Pype compiled and less time reading, extracting information and retyping," said David Heyde. At this point, a formal evaluation of AutoSpecs was ordered to determine if these qualifications were met to update their current process.

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A formal evaluation shows opportunity for Pype

When David Burns, McCarthy's Director of Innovation and Field Applications, was introduced to Pype by the Southwest Region, the management team determined that AutoSpecs would have to meet two criteria to be considered for use on future projects: a minimum 50% increase in the speed of the submittal register, and maintenance of the quality of that log.

During the evaluation period, Pype provided an increase of efficiency for the creation of the register from anywhere between 200-500% and replaced a process that took from three days to three weeks, depending on project size, with a process that took just 8 hours on average. Ninety-nine percent accuracy of the submittal register was maintained with AutoSpecs, opening up more time for QA/QC and data analysis while saving time spent on tedious manual log compiling. "Using AutoSpecs allowed the project teams to dig more deeply into what is there, and what may be missing," said David Burns, "Now, the team is having conversations with the design team and subcontractors into the what and why, as opposed to using that time for a search and copy-paste process."

Simplicity is a critical success factor of technology implementation

Compared to other systems deployed at McCarthy, the Pype team made it a straightforward process to get AutoSpecs up and running. After a 45-minute onboarding with the team to review essential functions such as project set-up and data evaluation, the McCarthy team had their first projects up and running in a few hours. Three weeks into the pilot, they had enough information to evaluate their success metrics, which led to the company-wide implementation of this solution. In the first two weeks after scaling AutoSpecs, there were more than 20 projects in the works and nearly 70 in the first three months.

Once the team was well into their test of AutoSpecs, Procore provided the beta version of their Submittal Builder product to McCarthy to test as well. "The team felt Pype was a more robust platform overall," said David Burns. "AutoSpecs was a mature solution with a company hyper-focused on machine learning, and accuracy." That data can then be easily integrated directly into Procore to continue the project cycle.

As part of the review process, an internal survey was sent to the team at McCarthy requesting feedback from project teams using AutoSpecs. Respondents over various projects were thrilled with the time savings to create the submittal log, and 100% of project teams said they would use AutoSpecs on their next project. Those who used that data for quality control were happy with the new format and found the display of information was more concise.



200-500%
efficiency increase

McCarthy Building Companies saw a 200-500% **increase in efficiency** on projects while maintaining **99% accuracy** of the submittal log.



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A focus on strategic goals

McCarthy prides itself on the strategic anchors of operational excellence, client focus, and top talent to help achieve business goals, and understands that those factors are interdependent. The McCarthy team wants to attract and retain the best talent in the industry, which is only possible when that talent is provided with the tools to maximize their performance. Pype provides one such critical tool, helping to save the project team time on specification review and submittal creation. Issues and changes to the spec can be identified far faster with AutoSpecs, aiding McCarthy in their quest for operational excellence. Teams can turn project specifications into submittal registers earlier, get them into subcontractors' hands, and reduce submittal processing times, cutting a project engineer's time from weeks to days and adding valuable time back to the schedule.



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David Burns, McCarthy Building Companies



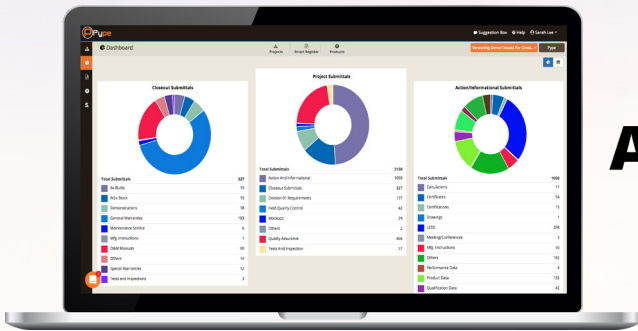
Why Pype

AutoSpecs has become an essential piece of McCarthy's workflow. “The most noteworthy outcome for the decision to move forward with Pype was the fact that we saw a 200-500% increase in efficiency,” said David Burns. “That level of efficiency was showing twice on certain projects - once for the generation of the submittal log, and once the collection and management of closeout requirements.” AutoSpecs identified a problem they were not aware they had and provided a tool for dramatic time savings by automatically handling the tedious process of specification review. The accuracy of data supplied by machine learning creates efficiency for the project team. “AutoSpecs is more concise and efficient than the manual extraction of information. It's a better use of people's time and performs functions, like comparison of specification revisions, that are not usually done in such great detail.” said David Heyde. The McCarthy team is looking forward to continuing to use AutoSpecs and providing feedback to the Pype team on further areas for optimization.

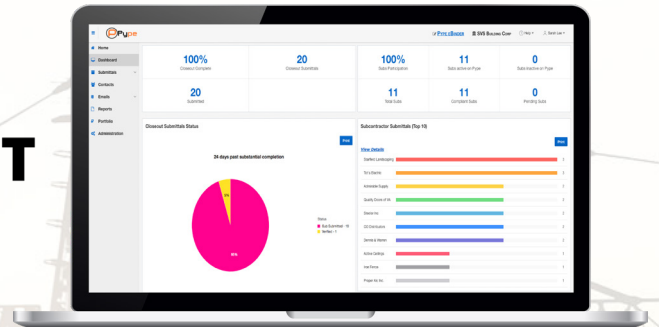




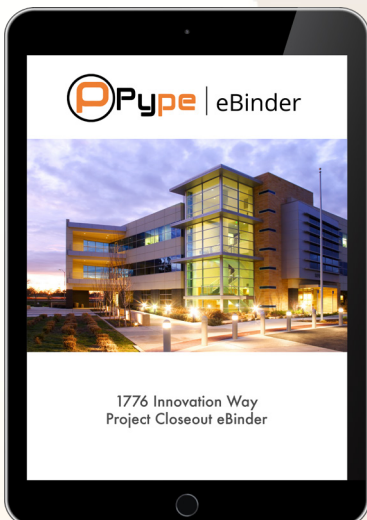
Start projects faster and finish stronger.



AUTOSPECS



CLOSEOUT



eBINDER

