



Jacobsen Construction gets better understanding of the spec requirements with Pype

Lean construction methodology and standardized operating procedures benefit the bottom line

The Challenge

Jacobsen Construction's standard process for starting a project often begins with rushing through creating a submittal log. Projects always come with tight deadlines, so while the submittal log they created was thorough, it left little time to analyze which items were truly needed or streamline the process.

More than half-way through a five-year project, a VP at Jacobsen began to question the process. Were all of these submittals truly required? The team struggled to provide a clear answer on requirements and what was left to submit and felt as their database of submittals grew, their understanding of the actual requirements diminished. They needed a powerful tool that could help them take control of submittals and improve process efficiency.

Getting More out of the Process

Once the Jacobsen team had identified the need to streamline their process, find a way to really understand what was required from the project specifications, all while keeping an "eye on the project", Mark Decker, Director of VDC, started to search for a solution. First, they attempted to modify their own internal process by testing several different software options at various price points. They found the majority of these tools were simply scraping data into excel and not providing the insight needed to make the process more efficient. One thing they were sure of was that they were not just looking to scrape data into Excel and needed a solution to provide not only time savings, but also a tool that could analyze the data as well. That's when they discovered Pype AutoSpecs™.



"Pype is so much more than just an Excel scrape of your Specs. There is a quality review with machine learning, and the company took the time to listen to our needs and catered to the way we work."

Mark Decker, Director of VDC, Jacobsen Construction



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Pype provided the only tool available that utilized machine learning in the creation of a submittal logs and allowed Jacobsen the ability to intelligently analyze their specs. They worked closely with the Pype team and were able to heavily customize the formatting and processing of specs within the AutoSpecs platform so that the output meshed perfectly with their existing tools and systems. The previous manual and tedious process became an efficient practice that provides time savings and rich data with considerable value to the project.

Once fully implemented, Pype AutoSpecs reduced the time investment for reviewing specifications and creating the submittal log from about thirty hours down to just three hours. This represented a 90% time savings for project staff in addition to increasing the project teams understanding of the project specifications and the resulting submittal log. This empowered the Jacobsen team to ask questions earlier in a project because they had access to more information at the outset. It also enabled the team to spend more time understanding the submittals as they spent less time generating the submittal log.

90%

time savings

Jacobsen Construction was able to **reduce** the time for reviewing specs from 30 hours to **3 hours** with Pype.

Minimizing Workload for Overworked Team

One of the main concerns with the Jacobsen team was introducing an additional tool to their already overworked project managers and project engineers, however after a single training session with Pype the project managers and engineers were able to start utilizing the system. They found Pype easy to adopt and quick to show value on the investment.

Jacobsen is a company that prides itself on lean construction practices and internal training opportunities for their teams. The ability to train their team quickly and easily was imperative and the training materials provided by the Pype team in addition to the responsive support team ensured that project managers and engineers were able to get the experience they needed, quickly.

“We have 15 projects in Pype, and no one has called back after the training process because it is that simple to implement.”

Mark Decker, Director of VDC, Jacobsen Construction



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Mitigate Risk in a Bigger, Faster Project Environment

As the industry's demand on general contractors increases due to larger projects, tighter schedules, and reduced budgets, the risk to the bottom line is greatly increased. This risk needs to be managed by the project teams who are being asked to do even more with even less. Pype provided a beneficial solution for Jacobsen to help mitigate that risk by saving time, improving quality of their submittal logs, as well as heightening the understanding of what was actually required on the project. Overall Pype delivered above and beyond what Jacobsen thought was available on the market.

AutoSpecs™ gave them the opportunity to be more prepared coming into meetings, submit RFIs sooner, and ask timely questions early in a project, instead of after the first pour. With the ability to upload their submittal log directly into ViewPoint after the Pype review process, it streamlined the way they completed and tracked submittals and eliminated the need to create manual excel logs for tracking. Overall it improved the quality of their project documentation from the pre-construction phase.

Why Pype

As employees of large construction companies know, it is difficult to understand all aspects of all active projects at once. This can make it difficult to maintain oversight on project progress. After partnering with Pype, Jacobsen was able to spend more time reviewing the information they were submitting, instead of tediously compiling needed information.

"A VP or experienced individual can take a look at what's required by spec and have the ability to put that into RFI," said Mark Decker. "It's normally very hard to do that as a whole company. With Pype, we are able to do that with all our projects. It's creating a great benefit for our team by going past an 'Excel scrape' and applying machine learning to the process of creating a submittal log. You can aggregate the data into meaningful information allowing you to take action where needed. This saves time and reduces risk across projects."

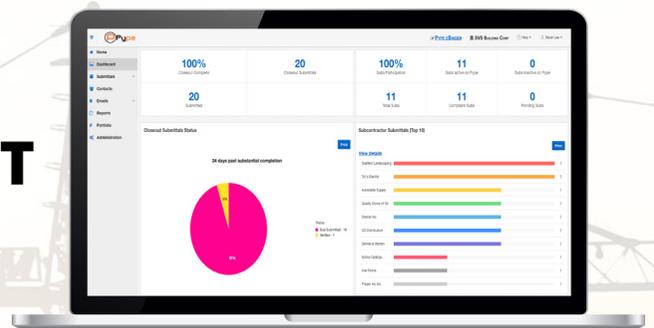




**Start projects faster
and finish stronger.**



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