



CASE STUDY

Zachry Construction Adds SmartPM
to Its Scheduling Toolbox-And Its
Investment Portfolio

**"It all goes back to how the product analyzes data. No one else
examines the data the way SmartPM does!"**

- Ranjeet Gadhoke, Vice President of Project Controls | Zachry Construction

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CHALLENGE

When Ranjeet Gadhoke, Vice President of Project Controls at Zachry Construction Corporation, went looking for a schedule-data analytics tool, he experimented with numerous options, each with one or more shortcomings.

"We would have to export information from our scheduling program and build our own S-curves, calculate schedule compression, and compute float consumption. When the KPIs were finally calculated, it was time to do another monthly

update, rendering them almost irrelevant by the time we got it." And, of course, there was the schedule itself.

"I needed a tool that could analyze the schedule for delays, overruns, and other potential obstacles," Gadhoke said. **"All of the other capabilities we were looking for were certainly critical, but if we could get a platform that could also help us better manage the entire schedule on a project, we would not hesitate to pull out our checkbook."**

SOLUTION

Gadhoke's exhaustive search led him to SmartPM, the premier schedule-data analytics tool. SmartPM checked all of the relevant boxes for Zachry, and the checkbook appeared. Suffice it to say—with the automation of SmartPM—there would no longer be a need to manually calculate schedule compression or other KPIs.

"SmartPM did everything we needed it to do and more," said Gadhoke. **"It allows us to identify potential roadblocks in our schedule and does it**

early enough to remediate the issues. It presents information in a graphical format, allowing us to communicate a project's status quickly and easily. And it can be used to create a high-level overview for the C-Suite executives or a deep dive for the site team."

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RESULTS

"SmartPM helps us provide CEOs with the data they require to determine where the job is going from both a time and cost perspective, making risk management much easier," noted Gadhoke, who also gains visibility of the company's entire construction portfolio, which is handy given that he manages multiple projects.

"You get to see a simple dashboard; as you study it over time, you can train your mind to see the difference in the deltas. Because of this visibility, communication with management is greatly facilitated."

Because of the visibility and predictability SmartPM provides Zachry, performing a delay analysis takes minutes and is fully automated. Gadhoke offered an example to illustrate this point.

"One of the projects we worked on experienced delays. Previously, it was hard to pinpoint where they happened. Once I brought in SmartPM, I could show exactly how the delay occurred, and the owner had no trouble following the data.

Ultimately, this helped us negotiate the claim much more in our favor. The owner told us that contractors usually come in and place blame. SmartPM analyzed exactly what fell on him and what was on us."

There is no question Zachry made a sound investment in its purchase of SmartPM by ensuring smoother communication to both teams and executives; identifying potential problem areas well in advance; producing better reports; and even being able to place the responsibility for issues where they rightfully belong—even if it's their own company.

"SmartPM provides top-level executives involved in a project with one of the most valuable assets: Predictability"

"SmartPM did everything we needed it to do and more."



"With SmartPM, teams have a crystal-clear understanding of all their projects."



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