



CASE STUDY

Performance Contractors enhances efficiency on major oil & gas LTO project with Octave OnSite Visualize Max

Key facts:

Company: Performance Contractors

Website:
www.performance-contractors.com

Industry: Full-service construction for chemical, power, automotive and refinery

Country: United States

Octave products used:
OnSite Visualize Max
(iConstruct™ MAX)

Key benefits:

- Enhanced project visualization
- Streamlined workflows
- Improved communication
- Increased transparency

Performance Contractors, headquartered in Baton Rouge, Louisiana, USA is an industrial contractor providing wide-ranging services that cover all phases of construction, maintenance, turnaround and specialty services. Founded in 1979, the company is recognized for its commitment to delivering high-quality work and safe practices across multiple industries, including petrochemical, power, fabrication and more.

The need for a robust solution

Performance Contractors took on the significant responsibility as the main contractor for a major oil and gas company's Light Tight Oil (LTO) project in Houston, Texas. This large-scale project, systematically broken down into Installation Work Packages (IWPs) via the Advanced Work Packaging (AWP) process, posed several challenges to the company.

Navigating continuously updating engineering aspects and maintaining real-time field communication often proved difficult. The situation was further exacerbated by inconsistencies in model attribution, making it harder to differentiate between new and existing structures.



The search for the ideal solution

Recognizing the need for a comprehensive solution, Performance Contractors decided to integrate Octave's OnSite Visualize Max into its project management strategy. The choice hinged on the software's user-friendly interface, easy implementation and its advanced model conditioning capabilities. Above all else, its support for the AWP process streamlined the crucial task of project planning and execution.



Implementation and adoption

Implementing OnSite Visualize Max, Performance Contractors could accurately visualize the project's scope of work, track IWPs efficiently and ensure field accessibility to vital information. Integration with another company's cloud-based construction management platform further facilitated this process by making important data readily available to field personnel on tablets. This ensured workers had real-time access to critical information, maintaining operational efficiency and minimizing possible disruptions.

Achievements and recognition

The integration of OnSite Visualize Max led to significant benefits, such as enhanced project visualization, streamlined workflows and improved communication. The increased transparency of system completion stages and statuses also fine-tuned scheduling and decision-making processes. Performance Contractors and the customer regularly reviewed the OnSite Visualize Max model, fostering collaboration and gaining valuable insights. This collaborative approach accelerated project progress and aligned it with established targets.

The road ahead

The successful implementation of OnSite Visualize Max within the LTO project has demonstrated the tool's essential role in project management. The enhanced efficiency and improved communication have not only boosted the project's progress but have also earned recognition from the customer, paving the way for future collaborations. OnSite Visualize Max's success with this venture underlines its potential for facilitating project management processes, effective stakeholder communication and overall project success.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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