

How O3 Seamlessly Integrates with P6



PROJECT OVERVIEW

Carbon Capture Project

In Alberta, Canada, a leading global energy corporation (referred to here as the “Owner”) partnered with their engineering, procurement, and construction (EPC) contractor to advance an ambitious carbon capture project. The initiative is part of a broader commitment to sustainability, set within one of the company’s major energy and chemical parks, and is designed to capture roughly 650,000 tonnes of CO₂ annually.

THE CHALLENGE

Schedule Accuracy

The Owner and the EPC contractor sought to streamline control over the project’s work packages across engineering and construction stages. Given the project’s complexity, the teams needed a way to ensure consistent alignment with the approved baseline schedule in P6. Workforce planners and engineering leads, managing over 2,500 work packages, faced the challenge of manually checking, updating, and validating information across platforms—a process that was both time-consuming and prone to human error.



The ability to have O3 read the P6 schedule and keep multiple levels of work packages aligned has significantly decreased manual data entries. The automation reduced the time associated with keeping work package dates current and increased update accuracy, eliminating human error.

Project Leader

LEADING GLOBAL ENERGY CORPORATION

THE SOLUTION

O3 and P6 Integration

Using O3’s advanced integration capabilities, the team automated the data exchange between P6 and O3. O3 can read P6’s XER files directly, leveraging built-in logic to automatically map and link the schedules from P6 with work packages in O3. This eliminated the need for manual entries and reduced potential discrepancies. The integration also enabled the project team to conduct 30-, 60-, and 90-day analyses using data that reflected real-time progress.

THE RESULTS

Enhanced efficiency

The O3 and P6 integration transformed how the team managed their work packages and schedules:

- ✓ **Time Savings:** By automating workflows, the project team minimized the hours spent on manual entries and data alignment, enabling them to focus on more strategic tasks.
- ✓ **Controlled Processes:** Critical steps in the workflow were managed across approximately 2,500 work packages, providing streamlined visibility and reducing the likelihood of scheduling deviations.
- ✓ **Reduced Touchpoints:** The integration reduced the number of interactions with separate digital tools, keeping dates aligned across both owner and contractor platforms.



BENEFITS

Real-time alignment, scope verification, and data-driven meetings

Beyond saving time and reducing errors, the integration allowed for weekly meetings grounded in real-time data and accurate schedule information. Workforce planners could trust that the O3 Packages reflected the current P6 baseline, while engineering teams gained confidence in the accuracy of scope verification and progress tracking.

For the Owner and EPC contractor, this integration exemplified how digital tools can enhance precision and efficiency in complex clean energy projects. The ability to seamlessly manage alignment between workforce planning and the approved project baseline highlighted the transformative potential of automation in the clean energy sector.

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