

Real-time Visibility into Construction Progress

Case Study: How an Owner Gained Visibility & Supported Accountability with Advanced Work Packaging Tools



The Challenges:

Contractors Created Work Packages & Managed Constraints Manually

Multiple Contractors on the project were using disparate spreadsheets to manage work packages and identify constraints. Each Contractor had its own system and format and only shared updates with the Owner periodically.

The Solution:

ONBuild - WorkFace Planning for the Jobsite

O3's work package management solution digitized the work packaging process, automated constraint identification and management across multiple Contractors, and provided one single platform for Owners, the EPC firm, and the Contractors to collaborate in real-time.

Highlights include:

- Owner Visibility Dashboards
- Installation Work Package Management
- Approvals & Workflows (Owner, Due Date, Priority)
- Delay & RFI Tracking
- Rules of Credit, Progressing, Earned Value Tracking
- Lookahead Reporting
- Constraint Management
- Task Management Across Stakeholders

The Results:

- ✓ **Unprecedented Visibility** - Provided real-time access to reporting on work package status and open constraints across all Contractors
- ✓ **One Single Data Repository** - Each company had a segmented view for their specific work packages and constraints to identify and mitigate potential issues
- ✓ **Historical Record** - Maintained a full account of status changes and approvals by company and user
- ✓ **Data Standardization** - Created a standard process across Contractors for work package creation and constraints ensuring consistency and data quality
- ✓ **Better Collaboration** - Used project-level dashboards to share one view of construction progress across all stakeholders

Project Overview:

O3 Solutions partnered with an Owner of a sulfur refining capital expansion brownfield project in Singapore to digitize and automate their work packaging process.



ON SCHEDULE!

10+ Contractors

300+ System Users

1,500 IWPs Created

25,000 Constraints Managed

Learn more at www.o3.solutions