

Case Study

EPC & Fab Yard

EPC Expands AWP Benefits Upstream to Fabrication using ONBuild™

Project Overview

Facility Type

Fabrication Yard

Location

Zhuhai, China

Description

Module build to support major North American & Asian Pacific mega projects

Challenges

A large fabrication yard struggled implementing a true AWP process with manual tools and reconciling data with the EPC's in-house AWP solution (O3). The EPC was faced with competing data "stories" and ever-changing spreadsheets with limited accuracy.

The manual method to track package progression was unreliable and did not provide the EPC with enough data. The yard became overwhelmed reconciling the project demands with the new AWP process, resulting in schedule slip & cost overruns.

Solution

ONBuild™ with Graphical Work Packaging

The mod yard personnel started by importing current work package data into O3 so stakeholders could clearly see status & progress of each package from a central dashboard. Users began building structural & pipe packages directly from the model in O3, and incorporated constraint management for more accountability. Weekly meetings gained momentum now that stakeholders can "drill down" into package details to understand data gaps & workflow restrictions.

"O3 allows stakeholders across the globe (primarily China & Canada) to identify Workface Planning process inconsistencies and see any slowdowns in package progression. We can spot issues early and work together to resolve them."

- EPC AWP Sponsor

Results

Control workflows & critical processes

across

4,900+
Work Packages

Additional Benefits:

- ✓ Easily import WP data from Excel
- ✓ Reduced planners' effort to build work packages
- ✓ Increased accountability via approvals
- ✓ Automated AWP process using workflows

