Managing Project Interfaces Securely, Quickly and Effectively

In order to be successful, engineering and construction projects must manage interfaces between different work packages, disciplines, and people. As a project’s size, geographic distribution, and number of participants increase so do the number and scope of interfaces involved. Without proactive and consistent control over these interfaces, project risk accelerates and the potential for project delays, cost overruns, and other negative outcomes are increased.

Management Dashboards and Reports

Project teams can quickly monitor scope, schedule, and quality metrics for interfaces.

Coreworx Interface Management is a proven, enterprise-class solution that supports rapid adoption of today’s best practices in interface management. Fully automated work processes are used to manage Interface Points, Interface Agreements, and Action Items that document interfaces. Together, these work processes support the controlled exchange of interface information and ensure interfaces are correctly managed, and ultimately completed.

Interface meetings are easier than ever with the online Interface Register used to track, log, and monitor interface related information and documentation. Using Interface Points and Interface Agreements, the project team can monitor interface activity, thus staying abreast of any outstanding issues that may impact the project schedule or budget. The result is improved communication throughout the interface management process and improved control over interface details, thereby driving a reduction in project risk.

Key Benefits

- Support a globally dispersed team with an online Interface Register
- Ensure clear scope of work
- Eliminate ambiguity regarding roles and responsibilities
- Minimize schedule impact by integrating work schedules
- Reduce rework, change notices, and delays due to poorly controlled interfaces
How it Works

Coreworx Interface Management is a pre-configured, web-based solution that supports direct communication regarding interfaces between contractors with optional involvement of the client. Interface Agreements support the controlled exchange of interface related information and deliverables. Notifications and alerts provide early warning to potential interface issues and overdue requests. All information, documents, and communication regarding each interface are managed within Coreworx Interface Management and accessible through the Interface Register, management dashboards & reports.

Key Work Processes

There are three key forms to the Interface Management system; all driven by automated work processes:

- **Interface Points**: Document project interface details and all involved parties
- **Interface Agreements**: Track the exchange of information and deliverables between parties involved with the interface
- **Action Items**: Track tasks and activities that need to be completed by parties involved with the interface

Management Dashboards and Reports

Management dashboards and out-of-the-box reporting equip the project team with tools to monitor scope, schedule, and quality metrics for interfaces. Using these tools, interface managers can easily identify schedule slippage or other issues in order to proactively manage interface issues before they become critical.

Project Scheduling

An interface delay often impacts a critical path activity in the overall project schedule. For example, a delay in procurement activity by one contractor can delay an interface impacting another contractor. Coreworx recommends an integrated approach to managing interfaces and project schedules. The Work Schedule Discrepancy and Exception reports are designed to identify potential schedule impact by interface activities, highlighting discrepancies between those activities tracked and managed within your schedule and those tracked within Coreworx Interface Management.

Global Interface Control

With Coreworx Interface Management, a geographically dispersed project team has full access to the tools needed to centrally manage the large volume of interfaces inherent in today’s complex engineering and construction projects. Updates to the Interface Register can be made from anywhere in the world to ensure accurate and timely interface information is always available to the project team. Fully integrated with the Coreworx document management system, document relations are made between engineering and technical project documentation and interface documents, ensuring all parties are working from the correct revision.

Rapid Configuration for Each Project

Coreworx Interface Management makes use of configurable global templates to enable rapid adaptation to each project’s individual needs without requiring time consuming and expensive customizations. Leveraging the Coreworx enterprise architecture, Coreworx Interface Management allows each project team to manage their project interfaces in a highly secure, web-based environment from anywhere in the world. Coreworx Interface Management is available as a site-deployed solution or hosted in the cloud through a software as a service (SaaS) delivery model.

Easy to Use

Rapidly add and train new contracting parties. Everyone spends more time working as a team to address action items and interface agreements.