

Validate the Integrity of Your Designs

Quantapoint reviews proposed designs with the Digitized Facility™, identifying potential issues to reduce design time, design clashes and field welds.

Validate a Zero-Defect Design

A Zero-Defect Design™ is free of design errors, such as clashes and missed or incorrect tie-points. Quantapoint employs an experienced team of specialists to review proposed piping, supports, equipment, and structure designs against the Digitized Facility™ to help ensure they are free of issues that could cause rework. Design reviews are ideal when a project contains new or modified piping, pipe supports or structure and has a tight schedule. By identifying and resolving design issues, Quantapoint clients have been able to decrease design time by 80%, design clashes by 98% and field fit-up welds by 90%.

Clash-free Piping Installation with Piping Clash Reports

Piping Clash Reports review 2D isometrics or 3D CAD piping designs with the Digitized Facility™ to identify clashes and suggest resolutions, such as alternate routings or by locating likely flow line routings. This helps ensure that the piping can be installed with minimal or no clashes.

Issue-free Pipe Support Installation with Pipe Support Reports

Pipe Support Reports review pipe support designs to identify clashes, errors in placement on structural steel or other issues and suggest resolutions. This helps ensure that piping supports can be installed with minimal or no issues.

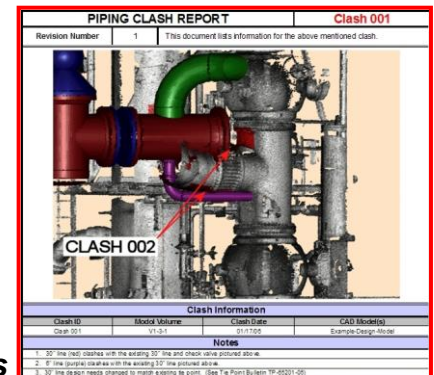
Issue-free Structural Installation with Structural Reports

Structural Reports review structural designs to identify clashes, incorrect connection assumptions or other issues and suggest resolutions. This helps to ensure that structure and connections can be installed with minimal or no issues.

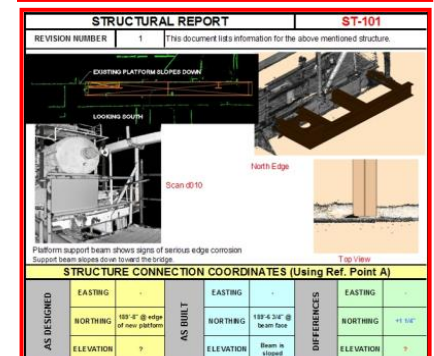
Powerful Capabilities to Decrease Clashes and Field Welds

Quantapoint capabilities for Zero-Defect Designs include

- ✦ Proposed resolutions for issues identified
- ✦ Access as reports
- ✦ Compare to original designs
- ✦ Embed Design and Clashes in Digitized Facility



Piping Clash Report:
Clash-free Piping Installation



Structural Report:
Issue-free Structural Installation

Typical Benefits from Zero-Defect Designs

By validating design integrity, Quantapoint clients have typically been able to

- ✦ Reduced remodeling time by 98% – Only model new equipment and tie points
- ✦ Decreased design time by 80% – Access a team of trained and experienced laser data design specialists
- ✦ Cut design clashes and interferences by 98% – Identify and correct potential clashes from issues in new designs
- ✦ Reduce field fit-up welds by 90% – Designs reviewed to identify and eliminate unnecessary field welds

“Quantapoint’s design review services enabled us to eliminate a significant number of field welds and rework on a major platform revamp, saving 18 days of construction barge expenses.”

*Project Manager,
ExxonMobil*

Quantapoint Capabilities

Quantapoint provides Digital Facilities™ that improve safety and decision-making for building, managing and upgrading facility assets. We also provide professional services to help companies eliminate preventable project defects. Quantapoint clients have typically been able to beat their program and project budgets and schedules by 15% or more with a greater than 1,000% return on investment.



Contact Quantapoint Today!

Over thousands of projects, Quantapoint has been helping our clients achieve success using Digital Facilities. Our technology and services provide a framework that can improve performance for projects, facilities and across the enterprise and can be customized to meet specific client needs. For more information, please visit www.quantapoint.com or e-mail info@quantapoint.com.

