



Laser Scanning Technology and Services for Zero-Defect Projects™

Do you have good as-built information for your new design?

Have you ever gone over budget and schedule due to rework?

Are “point clouds” too unclear and large to be used effectively?

Typical Challenges

You face a number of challenges that can impact performance when modifying, maintaining or operating existing facilities. These can be due to poor facility documentation or from design, fabrication and construction issues. The impact is time and money in the form of increased costs, missed schedules, quality issues and safety concerns.

Quantapoint Solution

Quantapoint puts critical facility as-built information at your fingertips. We digitize facilities using patented laser scanning technology and use our award-winning Laser Models™ (not “point clouds”) to create a high-resolution Digitized Facility™ that can be accessed directly or within various CAD packages.

Quantapoint can then provides analysis, quality control, documentation and decision support services to help clients eliminate the most common sources of preventable defects from across the project lifecycle and achieve their goals.



*Laser Model in Design Software:
Put Reality in Your Design*

Typical Results

Quantapoint’s unique combination of innovative laser scanning technology and professional services that help our clients achieve Zero-Defect Projects™, beating project budgets and schedules by 15% or more and saving millions of dollars and thousands of man-hours.

Typical benefits include

- ✦ **Reduced costs** from 98% fewer return field trips and 98% less rework from design, fabrication and construction clashes;
- ✦ **Optimized schedules** due to reducing data collection time by 98%, design time by 80% and construction time by 20%;
- ✦ **Increased quality** through 98% less remodeling time and 98% fewer design, fabrication and construction clashes; and
- ✦ **Improved safety** from 90% less elevated work and a 98% less field fit-up welds

“We delivered 100% shop fabrication project for all welded pipe.”

Project Manager, Major EPC

“Without Quantapoint we would have needed at least three times more staff to complete the assignment.”

Senior Consultant, WJE

“Quantapoint’s Zero-Defect services enabled us to eliminate a significant number of field welds and rework on a major platform revamp.”

Project Manager, ExxonMobil

Quantapoint Experience

Quantapoint has logged over 1,300 projects and 150,000 zero-incident man-hours around the world in the architectural, process, power and offshore facilities. Quantapoint has also managed alliance programs and long-term projects, such as a multi-refinery clean fuels programs and facility-wide documentation.

- ✦ **Design Firms:** Experience with many architectural engineering and construction firms, including Bechtel, Fluor, Gensler, HOK and Parsons.
- ✦ **Process:** More than 80 refineries and chemical facilities, for clients such as BP, Chevron, ConocoPhillips, Eastman, ExxonMobil, Shell and Valero.
- ✦ **Offshore:** More than 80 offshore platforms, for clients such as BP, Chevron, ExxonMobil, GUPCO and Mobil Producing Nigeria (MPN).
- ✦ **Power:** More than 40 fossil and nuclear facilities, for clients such as Columbia Power, Exelon, FPL, NPPD, Progress Energy and TXU.
- ✦ **Buildings:** Hundreds of government, educational and historical buildings, including the Guggenheim, U.S. Capitol and Yale;



Quantapoint Capabilities

Quantapoint has developed a number of capabilities to help our clients improve asset knowledge, optimize operations and eliminate preventable project defects.



Contact Quantapoint Today!

Quantapoint has been helping our clients achieve success for more than 17 years. Our technology and services provide a framework that can improve performance for nearly any project – regardless of size – and can be customized to meet specific client needs. For more information, please visit www.quantapoint.com or e-mail info@quantapoint.com.

