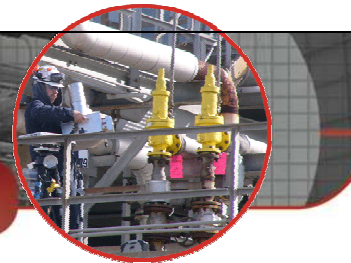




Quantapoint Capabilities



Digitize Facilities using Laser Scanning

Quantapoint digitizes facilities using laser scanning, safely capturing more information in less time with fewer personnel.

Patented Laser Scanning Technology Designed for Safe Real-World Use

Using laser scanning technology designed and proven to work in a variety of real-world situations is critical to project success. At the core of Quantapoint's services is our patented SceneModeler Mark V®, a fifth-generation laser scanner that is designed to provide high-speed, high-resolution 360-degree data capture. The Mark V incorporates many unique features that enable data collection in difficult environments, such as temperature and humidity compensation and special mounting jigs to access difficult-to-reach areas. Our patented laser scanning technology helps to ensure that data can be safely collected in a variety of real-world situations with minimal elevated work.



SceneModeler Mark V

Standard Calibration Process to Ensure Laser Scan Data Quality

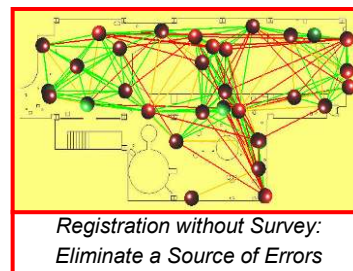
Calibrated equipment is also a crucial part of digitizing facilities. Without calibrated equipment, there is no method to measure or verify the quality of the laser scan data itself. Prior to deployment, SceneModelers must pass a battery of tests in a calibration chamber with thousands of measurement points. Our standard calibration process helps to ensure the quality of the data in the individual laser scans.



A SceneModeler at Work:
Made for the Real World

Proven Field Data Collection Process to Ensure Information Capture

Field data collection is also fundamental to successfully digitizing facilities. Improper data collection can result in blind spots, missed scope, data misalignment and overall poor project execution. Quantapoint has a formal field work procedure that includes pre-project planning, on-site kick-off meetings and other steps. Semi-permanent laser scan targets can also be used for long-term projects to easily integrate data. Our proven field data collection process helps to ensure that the required information is captured quickly, efficiently and safely.



Registration without Survey:
Eliminate a Source of Errors

Patented Field Registration Process to Ensure Network Quality Achieved

The individual laser scans must then be registered (integrated) into a single network (the "Digitized Facility™"). Quantapoint's patented SceneMerge™ technology registers laser scans by integrating laser scan targets against one another. SceneMerge provides a statistically calculated network registration quality using thousands of points for integration as compared to using traditional survey, whose network quality cannot be validated and uses relatively few observations. Since survey is not required for registration, data collection speed is increased, a potential source of errors and accumulated tolerances is eliminated and the overall network quality can be proven to meet specifications. Our patented registration process helps to ensure network quality is achieved.

Quantapoint Fit with Goals – Digitizing Facilities using Laser Scanning

By digitizing facilities using laser scanning, typical client benefits include

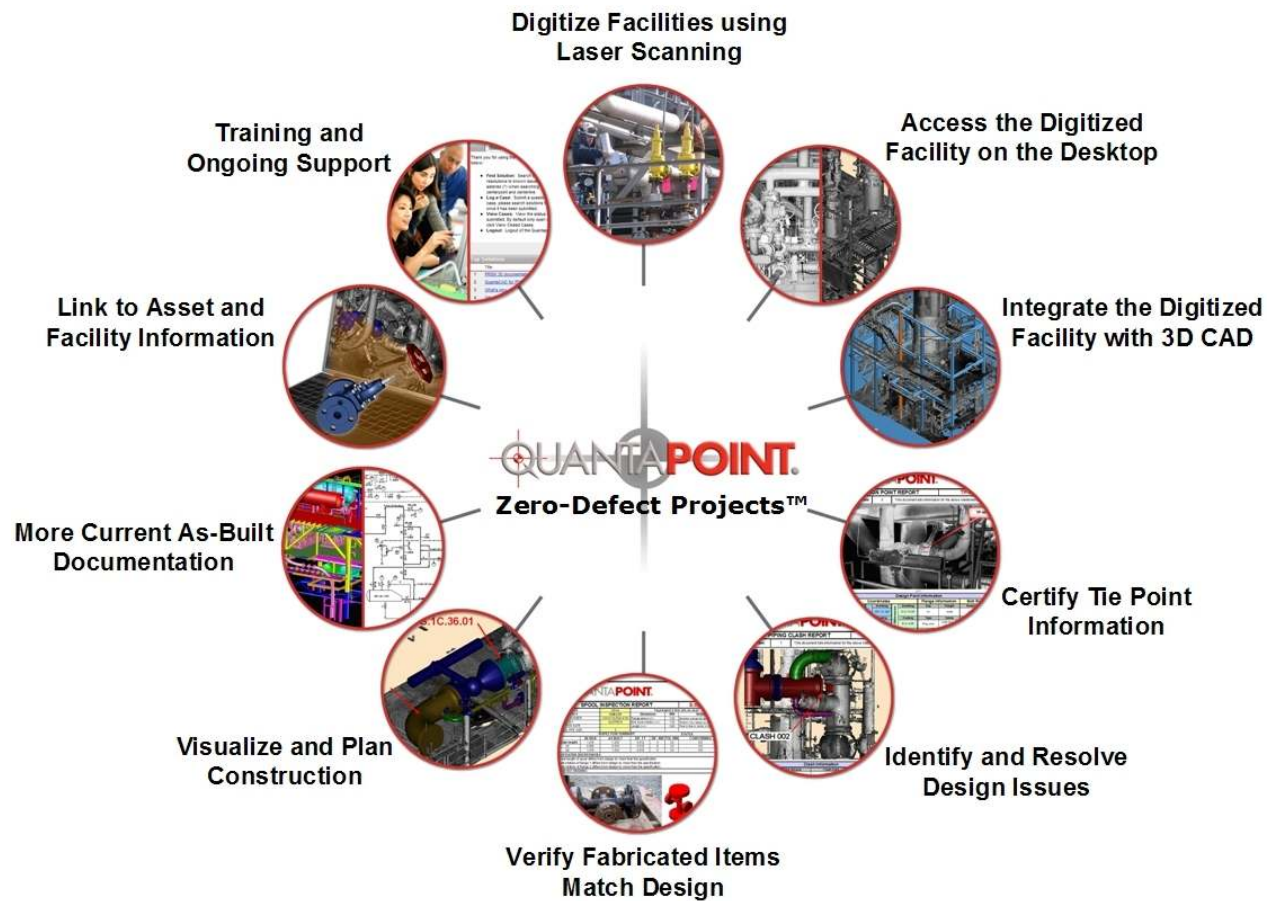
- 📍 Reduced field time by 80% – Compared to manual measurements or laser scanning using survey.
- 📍 Reduced personnel in the field by 50% – Two-person field crew (surveyor not required).
- 📍 Reduced elevated work by 90% – Scaffolding and climbing in pipe rack are minimized.

“What took Quantapoint under an hour to scan could have taken a crew hours or days to manually measure.”

Project Manager, Exelon

Quantapoint Capabilities

Quantapoint has developed capabilities to eliminate the most common sources of preventable project defects identified by our clients. By following the steps in Quantapoint’s Zero-Defect Projects capabilities lifecycle, clients have typically been able to **beat their project budgets and schedules by 15% or more with a greater than 1,000% return on investment.**



Contact Quantapoint Today!

For more than 15 years and 1,000 projects, Quantapoint has been helping our clients increase success by eliminating potential defects across the project lifecycle. 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, e-mail info@quantapoint.com or call +1-412-653-0100.