



Quantapoint Press Release

Quantapoint Releases PRISM 3D 7.5

Put Reality on Your Desktop using Laser Scanning to Decrease Field Trips by 90%, Remodeling Time by 50%, and Design Time by 50%

PITTSBURGH, PA (September 24, 2007) — PRISM 3D™ – winner of an R&D Magazine award for innovation – puts reality on your desktop by enabling facilities digitized using laser scanning to be accessed as photo-realistic Laser Images™ and high-definition Laser Models™. The latest version (7.5) incorporates a number of new capabilities based on user feedback to better support the design and engineering lifecycle. By accessing the Digitized Facility™ on the desktop using PRISM 3D, Quantapoint clients have been able to decrease field trips by 90%, remodeling time by 50% and design time by 50%.

The major new capabilities in PRISM 3D include:

- 📍 Graphical display of individual laser scan locations in the Laser Models. This makes it much easier to open the corresponding Laser Image to see a photo-realistic, panoramic images of an individual laser scan.
- 📍 Merge tag points to share specific locations across multiple Laser Images. This enables the same design point to be used across the Digitized Facility and the entire project team.
- 📍 Inclusion of certified tie points from Quantapoint. Tie points provide fabrication-quality coordinate locations as a starting point for design, including flange information, such as number of bolts, weight, bolt rotation, etc. This helps ensure accurate design starting points as well as flange information to avoid field rework.
- 📍 Group selections of the Laser Models in the design software that are parts of the facility being demolished. Demolition groups may be shown, hidden or highlighted for planning and clash analysis. This removes obstructions and focuses design efforts on actual clashes.

Other PRISM 3D capabilities include:

- 📍 Point, distance, pipe and pipe-to-pipe measurements.
- 📍 Clip and slice to view sections of data or temporarily hide view obstructions.
- 📍 QuickLoad™ Laser Models from Laser Images.
- 📍 Load Neighboring Laser Models.
- 📍 Links to facility information from Laser Models.
- 📍 Import and clash various CAD model formats.

By using PRISM 3D to put reality on the desktop, clients have typically been able to reduce field trips by 90% (by doing virtual site visits), remodeling time by 50% (by using the Digitized Facility instead of remodeling or as a basis to remodel) and decrease design time by 50% (by accessing more complete information).

About Laser Images and Laser Models

Quantapoint Laser Images are photo-realistic, panoramic images of laser scans from individual laser scanner locations (“scanner-centric”). Because Laser Images are 360-degree images, they may be panned and zoomed like virtual reality programs to view the surrounding area. Laser Images are ideal for “virtual” site visits due to their high resolution.

Quantapoint Laser Models integrate laser scan data to provide detailed, high-definition solid “models” of the facility (“facility-centric”). Because Laser Models are truly 3D and independent of the laser scan locations, they may be panned, zoomed and rotated like 3D CAD models to view an entire area. Laser Models are visually clear and include fine details, unlike “point clouds” whose sparse measurements make it difficult to visualize or understand and which may not include fine details. Laser Models provide more complete information for more complete designs.

About Quantapoint

Quantapoint provides technology and services to help our clients achieve Zero-Defect Projects™. We “digitize” facilities using our patented laser scanning technology and provide professional services for visualization, analysis and decision support to eliminate potential risks across the project lifecycle. Quantapoint has completed more than 1,000 projects around the world in the process, power, offshore and architectural industries. Overall, our clients have typically been able to reduce their project costs and schedules by 15% or more. For more information on our technology and services, please visit www.quantapoint.com, e-mail info@quantapoint.com or call +1-412-653-0100.

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