



Quantapoint Press Release

Quantapoint Releases QuantaCAD 7.5

Put Reality into Your Design Software using Laser Scanning to Decrease Remodeling Time by 85%, Design Time by 60% and Clashes by 85%

PITTSBURGH, PA (October 1, 2007) — QuantaCAD™ – winner of an R&D Magazine award for innovation – puts reality into your design software by enabling facilities digitized using laser scanning to be accessed as high-definition Laser Models™ and photo-realistic Laser Images™. 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™ in design software using QuantaCAD, Quantapoint clients have been able to decrease field trips by 90%, remodeling time by 85%, design time by 60% and design clashes by 85%.

The major new capabilities in QuantaCAD include:

- ⊕ Integration with Autodesk AutoCAD, AVEVA PDMS, Intergraph PDS and Intergraph SmartPlant Review. A common, consistent interface is used across all design software to minimize training requirements.
- ⊕ A toolbar in the design software to quickly access commonly used QuantaCAD commands. This makes working with QuantaCAD in the design software very efficient.
- ⊕ Graphical display of individual laser scan locations in the Laser Models in the design software. This makes it much easier to open the corresponding Laser Image to see a photo-realistic, panoramic images of an individual laser scan.
- ⊕ 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 helps focus design efforts on actual clashes.
- ⊕ Clip and slice CAD models, Laser Models or both CAD models and Laser Models in the design software. This enables view obstructions to be temporarily hidden.
- ⊕ View Laser Models in multiple selected viewports in Intergraph PDS.

Other QuantaCAD capabilities include:

- ⊕ Display CAD models as solid or wireframe in the design software.
- ⊕ View Laser Models with the CAD models in 3D in the design software, not as a background image or in a separate program.
- ⊕ Point, distance and pipe measurements in the design software.
- ⊕ QuickLoad™ Laser Models around CAD models in the design software.
- ⊕ Load Neighboring Laser Models in the design software.

By using QuantaCAD to put reality into design software, clients have typically been able to reduce field trips by 90% (by doing virtual site visits in the design software), reduce remodeling time by 85% (by using the Digitized Facility instead of remodeling in CAD or as a basis to remodel), decrease design time by 60% (by accessing more complete information in the design software) and cut rework from design clashes by 85% (by correcting clashes between the Digitized Facility and the new design).

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 the facility and 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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For additional information, please contact:

James McGill, VP of Marketing
Quantapoint, Inc.
Telephone: 412-653-0100, x-200
E-mail: jmcgill@quantapoint.com