



"We've been nothing short of amazed with how quickly we were able to produce a feature-rich, high performance application using HOOPS/3dAF. We were aware that the HOOPS technology is both extremely solid and flexible, but it was the responsiveness of the TS3D team that contributed so greatly to our success with HOOPS and LASERGen."

Mark Klusza, President

Business Profile

Product Using HOOPS
LASERGen

More Info
www.bitwyse.com

Industry
Plant & Process

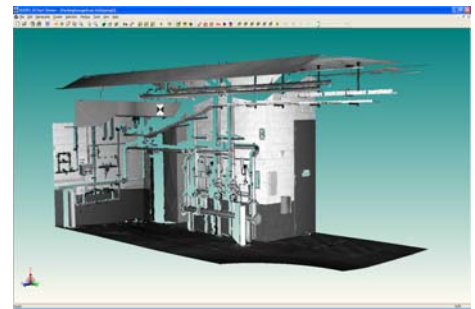
TS3D Products
HOOPS/3dAF

Company Brief

BitWyse Solutions, Inc. is an engineering & construction information management software company dedicated to providing engineering companies and owner operators with a competitive advantage in today's global market. BitWyse offers cost effective 2D & 3D design applications, enterprise wide web-based information management and the leading existing conditions data management technology.

The Challenge

The BitWyse team was looking for a performance and functionality boost to the visualization capabilities of their LASERGen software. However, the graphical needs of LASERGen are very complex. The application must provide high-speed rendering of point-cloud data where the model size can become very large. In addition, the point cloud data must mix seamlessly with solidly-rendered CAD data within the same scene in order to be of maximum value to the user. Executing the required enhancements very quickly was also crucial, as company management wished to capitalize on emerging marketing opportunities.



The Solution

TS3D's HOOPS 3D Application Framework (HOOPS/3dAF) offered a high-level approach so that BitWyse developers could move swiftly to deliver an updated version of LASERGen. HOOPS proved to be flexible enough to handle the different types of rendering BitWyse required, and powerful enough to provide excellent performance even with massive datasets. BitWyse was also able to rely on the TS3D development team to be extremely responsive to support requests and feature extension suggestions. This level of dedicated assistance was critical to maximize the use of the HOOPS tools in the shortest amount of time and shorten time-to-market of the latest LASERGen release.

The Results

- HOOPS/3dAF enabled BitWyse to hit extremely aggressive release targets and satisfy pressing market demand.
- BitWyse was able to minimize the resources needed for their extensive graphics overhaul and focus their primary R&D resources on their true core competency.
- Specific features needed to be added or extended to accommodate BitWyse special requirements. The TS3D team delivered these features on time and helped keep the project on track ensuring the application addressed the advanced needs of the BitWyse target market.

About Tech Soft 3D

HOOPS toolkits from Tech Soft 3D (TS3D) dramatically simplify the design, development and maintenance of high-performance, interactive 2D/3D engineering software. HOOPS components are part of over 175 commercial software applications that run on millions of desktops worldwide. Headquartered in Berkeley, CA, TS3D is on the web at <http://www.techsoft3d.com>. For more information, contact Ron Fritz, Managing Partner: 510.883.2180 x 201 or ron@techsoft3d.com.