CASE STUDY: SOLIDWORKS

SolidWorks

"Throughout the development of eDrawings 2.0, we have been impressed with TSA's responsiveness and focus. TSA has proven to be an excellent component partner, both in terms of technology and the overall service they provide."

Brian Harrison, Senior Architect of eDrawings 2.0

Business Profile

Customer Name
SolidWorks

More Info
www.solidworks.com

Industry
CAD

TSA Products
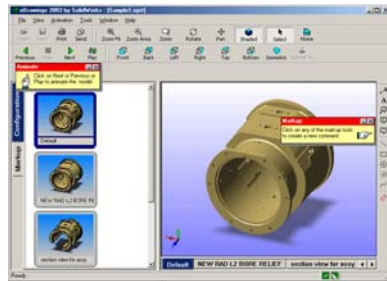HOOPS/3daf, HOOPS Stream Toolkit, HOOPS Net Server

Company Brief

SolidWorks, a Dassault Systemes company, is one of the world's leading developers of software for mechanical design, analysis, and data management.

The Challenge

In 1999 SolidWorks saw a window of opportunity to establish a new standard for sharing CAD drawings. The company created eDrawings, a file format and viewer ideal for expressing design intent in a lightweight form. The initial version of the product was warmly received by users and industry analysts. Wanting to capitalize on this success, SolidWorks set out to create eDrawings 2.0. The full-blown version of the product was intended to be superior to its predecessor in many ways, with advanced file compression, real-time collaboration and 2D, 3D, text and hardcopy capabilities as powerful as those found in SolidWorks' flagship MCAD application – all in a lightweight package.
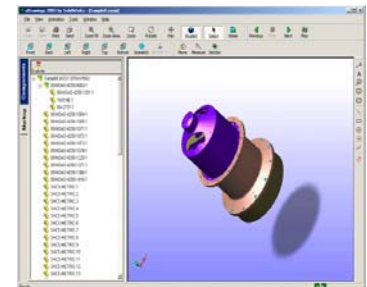
The Solution

SolidWorks had the resources to assemble the many people required to design and build the graphics, streaming, and collaboration technologies the company wanted to incorporate in eDrawings 2.0. However, rather than assuming that custom development was the best path forward, SolidWorks conducted a thorough, comparative evaluation of TSA's HOOPS components. It found in HOOPS everything that the company needed.

Having licensed HOOPS, SolidWorks put together a small team of experts and shipped eDrawings 2.0 in four months.

The Results

- By leveraging HOOPS, SolidWorks slashed development costs and dramatically reduced time to market for eDrawings 2.0.

- eDrawings 2.0 received a number of significant industry awards.

- The eDrawings format has emerged as an important standard for expressing and sharing design intent.

- The product is now a key piece of SolidWorks' popular suite for design communication and collaboration tools.

About Tech Soft America

HOOPS toolkits from Tech Soft America (TSA) 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 Oakland, CA, TSA is on the web at www.hoops3d.com. For more information, contact Ron Fritz, Managing Partner: 510.434.7630 x 201 or ron@techsoftamerica.com.