

KVICHAK MARINE INDUSTRIES

Kvichak Industries creating value in 3DVIA Composer.

Kvichak eliminated confusion with documentation in production.

The ability to view entire ship assemblies on some lesser-powered computers.

Integrated content from 3DVIA Composer with existing ERP system to create a seamless flow through design and production

CASE STUDY: Kvichak Marine Industries

For 30 years, Kvichak Marine Industries (pronounced Kweejack) has been recognized as a worldwide leader in the design and construction of high quality, hardworking aluminum vessels.

Industry Innovators

Kvichak vessels are on the job and meeting the rigorous demands of the sea every day. Whether it's fisheries patrol or firefighting, transporting passengers or transporting pilots. Kvichak constructs vessels that have been proven reliable and durable on any mission. www.kvichak.com



The Challenge

Prior to using 3DVIA Composer, Kvichak utilized eDrawings to view SolidWorks models in production. Although eDrawings is a powerful SolidWorks viewer, it lacked the performance and interactive ability that 3DVIA Composer was able to offer. Computers in the production area were overwhelmed by larger, more complicated 3D models and important detail was being left out of the production models.

The 3DVIA Composer Solution

Kvichak utilized 3DVIA Composer paired with Microsoft SharePoint to post detailed project information in a timely and well organized manner over their company intranet.

Project specifications, construction drawings, bills of materials, and 3D models are now readily accessible to all company personnel. With the use of the free 3DVIA Composer Player, all production personnel can easily view and manipulate detailed 3D models. The models are light weight enough to allow the entire vessel and all of its modeled components to be displayed at the same time, which could never be accomplished in the past without investing in powerful engineering workstations.



"We can quickly view detailed 3D models that previously would have slowed the computers to a crawl."

**Paul Tobiasen, Designer
Kvichak Marine Industries**

USA 1.877.266.4469
Canada 1.866.587.6803
info@hawkridgesys.com www.hawkridgesys.com

About Hawk Ridge Systems

Hawk Ridge Systems consistently exceeds customer expectations as a design technology partner by providing top tier customer service and innovative technical support.

By providing the largest and most knowledgeable SOLIDWORKS and CAM-Works support team in North America, we assist our customers in successfully competing while shortening the product development cycle. Hawk Ridge Systems operates in 15 facilities in the western United States, Alberta and British Columbia, Canada. All locations offer top tier technical support, training and professional services.

Our expertise has helped us quickly grow to be the #1 SolidWorks reseller and service provider in the world. We are an engineering focused organization, which allows our customers to maximize their CAD, CAM, Analysis, Product Data Management, Technical Documentation and return on investment.



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