

CUSTOMER SUCCESS STORY

Large RV Manufacturer Speeds Time to Market and Boosts Productivity Up to 70%



The Organization

From its headquarters in rural Middlebury, Indiana, Jayco, Inc. combines Old World craftsmanship with innovative technology to create a full range of recreational vehicles. Attention to detail has made the company, which employs approximately 1,600 employees, the largest family-owned and operated RV manufacturer in the United States.



The Challenge

For Jayco, the largest family-owned and operated RV manufacturer in the United States, collaboration is the key to success—both within the company and with its external suppliers and vendors.

Maximizing existing partner relationships is critical in speeding time to market. For this reason, Jayco needed a new, open solution that could support dialog between its vendors and suppliers, allowing them to share files in compatible formats.

Another important goal was accelerating workflow. Jayco began searching for a 3D CAD platform that could satisfy immediate design and manufacturing process challenges, boost productivity and help the company pursue new Web marketing initiatives based on visually compelling 3D imagery.

“With Autodesk and IMAGINiT, we want to be able to leverage the 3D modeling concepts, to be able to not only just design the RV’s but to take it into our warranty and our customer service area so they can use it effectively.”

—Jason Bontrager, Project Leader
JAYCO, STARCRAFT, ENTEGRACOACH

The Solution

3D Digital Prototypes Streamline Product Development

On-site presentations and a proof of concept from value-added reseller IMAGINiT Technologies convinced Jayco that selecting an Autodesk 3D CAD platform would be the best way to improve internal and external collaboration.

Jayco adopted a comprehensive 3D CAD platform solution consisting of Autodesk Product Design Suite software, Autodesk Vault Collaboration software and Autodesk Simulation Mechanical software. “With Autodesk Inventor software in place as part of our Autodesk Product Design Suite, Jayco has virtually eliminated many of the costs and complexities that accompany building physical product prototypes, which results in a huge time savings,” says Jason Bontrager, project leader at Jayco.

According to Bontrager, Jayco is currently the only RV manufacturer that has completely transitioned to a 3D CAD design and simulation environment, helping to provide the company with a significant competitive advantage.

Jayco Discovers Immediate Productivity Gains of Up to 70%

Like the RVs it manufactures, Jayco's business is a series of many moving parts—and making all those parts work together is crucial. With the help of training and implementation resources from IMAGINiT, and the design functionality of the Autodesk software products, Jayco could train its teams on the new products, optimize workflows and streamline its processes, resulting in an immediate jump in productivity.

“Even at this early stage in the migration, we’ve seen a 20 to 30 percent productivity gain on workflow,” says Bontrager. “And for our mill room, it’s between a 50 to 70 percent gain in productivity, due to the fact we can now export DXF design files directly from our Autodesk Inventor data into that department’s software, which accelerates the cutting of wood parts,” he says.

Thanks to Autodesk and IMAGINiT, Jayco is able to stay miles ahead of the competition.

For more information on Jayco, visit www.jayco.com.

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IMAGINiT Technologies, a Rand Worldwide Company, is a leading provider of enterprise solutions to the engineering community, including the building, manufacturing, civil and mapping industries. With over 25 years of experience, and 45 offices throughout North America, we provide the expertise, training and support to help companies realize the full power of design technology, maximize ROI and gain competitive advantage.

IMAGINiT is a leading provider of Autodesk software solutions and the largest North American Autodesk Authorized Training Center (ATC) partner. All of our locations are supported by a vast pool of engineering resources focused on developing real-life business solutions for their local clients.



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