

# SolidWorks Helps Plastics One Maintain Their Competitive Edge

Plastics One, Inc.

Roanoke, Virginia

**Industry** : Plastic Products/Medical  
**Previous CAD** : Another widely used 3D CAD System  
**Website** : [www.plastics1.com](http://www.plastics1.com)

## The Challenge

Plastics One operates three distinct operating divisions, Pre-Clinical Research, Connector and Cable Systems and Custom Injection Molding, each with a different target market, different product range and a different marketing strategy. The common threads connecting these divisions are plastics and the medical industry. They knew that in order to keep up with technology and remain competitive; it was time to consider a solid modeling tool.

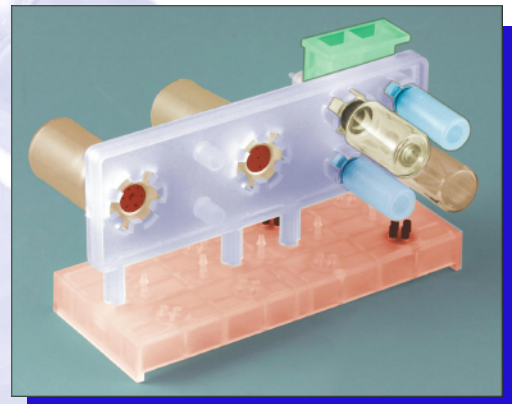
## The Solution

After difficulties of using another widely used 3D CAD program and frustrations with the file management system, they switched all of their seats to SolidWorks as a TriMech Solutions customer. Too much time was spent on trying to fix the software problems, instead of engineering the products themselves.

For six years now, Plastics One's designers have created more intricate and robust models. "Model and assembly stability is far greater than it has been in the past with other 3D software," states Barry Brindle, Design Engineer. Through the use of eDrawings, Plastics One is now able to capture their customers' product visions more efficiently, helping them facilitate the design process.

"Translation of models from other 3D software packages is easily accomplished in SolidWorks. When switching to SolidWorks from a previously used 3D software, the transition was easily accomplished even before attending training."

Barry Brindle  
*Design Engineer*



### Summary and Metrics:

- Reduced product design time by more than 25%
- Improved communication with customers