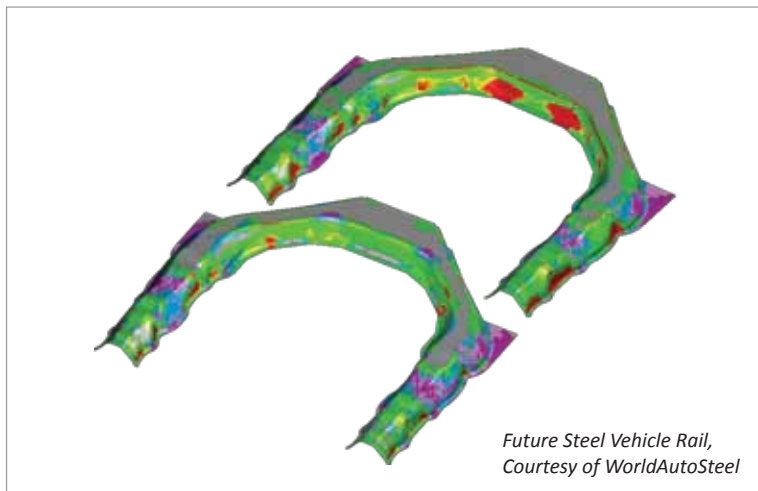


# *Lower Costs, Reduce Mass & Improve Performance*

With an optimization-led, performance driven, engineering approach.



### **Using ACP, ETA's Expert Consulting Team Can:**

- Reduce Product Development Cost by 35-40%
- Improve Manufacturing Efficiencies
- Reduce Product / Component Mass by ~ 20%
- Improve Product Performance
- Improve Fuel Efficiency by ~ 4.5% to 8% for every 10% in mass reduction

### **What is the ACP Process™?**

ACP is a performance-driven, proprietary product design development method based on design optimization. ACP incorporates multiple CAE tools to generate an optimal design solution.

### **Applications at Any Level**

Applied at the component, sub-system or full-system level, significant efficiencies and product improvements are achievable using ACP.

### **Investigating Multiple Design Concepts**

Contrary to conventional methods where just one or a few design concepts are evaluated, with the ACP Process™ hundreds of design concepts under multiple load conditions are evaluated simultaneously. Only those concepts which meet all of the design targets and manufacturing constraints are initiated.

### **The Optimal Design Solution**

The resulting concept(s) is designed, analyzed and optimized using loading, manufacturing, material and cost constraints. This ensures that the final product meets all performance, mass and cost constraints.

For more information, email [etainfo@eta.com](mailto:etainfo@eta.com).