Every day you use computers to improve your bottom line.

AweSim helps you use computers to make better products faster, **for a better bottom line.**

"It is vital that small and medium-sized businesses have access to the powerful modeling and simulation resources large companies use. These resources can fuel the more precise and accurate product models necessary to stay competitive."

- Tom Lange, Director,
Modeling & Simulation Corporate R&D,
P&G

Contact us today to learn about the

AweSim Advantage.

- Reduced development time and costs
- Faster time to market
- Improved products
- Better bottom line

AWESIM

Virtual Designs. Real Benefits.

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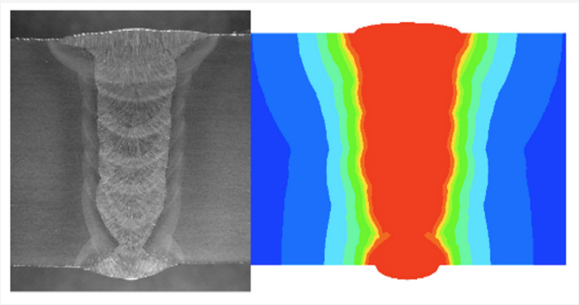
AweSim's Mission

AweSim is a unique public-private partnership facilitating the adoption of affordable, effective and convenient simulation-driven design by small- and medium-sized companies by providing simple and easy-to-use access to:

- Computational modeling and simulation apps and tools, delivered via the web
- Educational materials and training courses
- Industry-specific expertise and consultants

"The combination of easy-to-use web-based portals, proven and provable performance and low entry price appeals to a broad range of small and mid-sized companies."

- Ray Leto, President
  TotalSim USA



Left: Cross section of real weld
Right: Simulated weld using WeldPredictor

Proven Modeling & Simulation Success

Working with the Edison Welding Institute (EWI), the Ohio Supercomputer Center developed the WeldPredictor portal, an easy-to-use web based interface that allows welding engineers to simulate "virtual" welds, thus reducing the time and material wasted with physical prototypes.

Since its launch in 2007, more than 115 EWI member companies have tested pipe welds via the web portal.

"Developing validated advanced simulation models … is making manufacturers more competitive in the global market place"

- Jim Topich,
  Kinetic Vision

AweSim Products & Services

AweSim Apps

AweSim helps your company develop modeling and simulation apps specific to your manufacturing requirements.

The resulting app allows your team to:

- Apply **computer-based engineering solutions** to your product design, material design and manufacturing processes in an easy-to-use web interface
- Review results as actionable summaries, detailed reports and meaningful visualizations to improve product design without building a physical prototype
- Pay-as-you-go, so you only ever use what you need, when you need it

AweSim Experts

- Modeling & simulation experts are available for remote or on-site consultation when you need them

AweSim Training

- On-site AweSim App training is available to you and your team when you need it
- On-demand training documentation is always available online

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