

New Possibilities



What inspires us to reach for new summits? Often times, it is the idea of new possibilities. In an effort to improve, we seek out opportunities to grow and advance in both our personal and professional lives. I was reminded of this during my recent visit with Pratt & Miller, a dynamic engineering company located in New Hudson, Michigan.

The impressive team at Pratt & Miller went from developing vehicles under extreme deadlines as a successful designer and builder of race cars to becoming a valued engineering partner outside of racing. As their expertise with virtual testing grew, so too did opportunities for new projects. Recently, the team developed a new military vehicle prototype in just 12 weeks. In our feature story **on page 10**, you'll see how their unique capabilities led to business expansion in new markets.

Then there are companies like ITW Delfast Group. The team's design engineers are achieving 30% improvements in performance in new design concepts. By automating aspects of their analysis process, they're finding new ways to reduce costs within their company. Check out their story **on page 16**.

In other customer spotlights, learn how General Dynamics Land Systems (GDLS) moved from separate simulations to system-level co-simulations beginning **on page 14**. In this article, you'll discover how GDLS was able to compress product development cycles with a new approach to virtual testing.

Developing new concepts faster and more accurately is critical to gaining competitive advantage. **On page 18**, get an inside look at how BL Advanced Ground Support Systems developed a robotic military vehicle in under 18 months – using simulation as their secret weapon!

Please don't forget to check out **pages 38 and 39** to learn how we are helping to prepare engineering students to enter the workforce with free MSC Software Student Editions and on-going educational initiatives that are building a knowledgeable ecosystem of future CAE engineers.

We hope these stories and others inside this issue give you new insights for finding your own “new possibilities” for gaining competitive advantage.

Sincerely,

Leslie

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