



Design | Develop | Deploy

Twenty-five years of disrupting the technology status quo

Professional mechanical engineering corporation dedicated to the design, development and deployment of advanced technology platforms, products and processes

- Founded in 2000 with backgrounds in applied physics, mechanics, electrical power, controls, instrumentation, testing, fluids, thermodynamics, heat transfer, manufacturing and materials
- Professional engineering licensure in New York and South Carolina
- State-of-the-art agile Research & Development laboratory with experienced staff

Surpass business development and cash generation targets:

Develop technology platforms

- 38 patents developed for 14 clients across 5 industries
- Hundreds of Proof of Principal (PoP) prototypes designed, fabricated and tested
- Extensive analyses and simulations to exploit the physics of new approaches

Design world-class products

- 34 new product revenue streams for 11 clients over 8 industries
- Multiple product design awards for clients
- Hundreds of new products designed
- Fastest time to market in product class for industrial linear bearing

Deploy effective processes

- Transformational process technologies developed for 11 different clients
- Reduced manufacturing cost 75% through innovative assembly process
- Revolutionary sail-making machines
- In-hood chemo-handling robotics to address NIH toxicology protocols
- State-of-the-art Steiner tunnel for flammability testing to ASTM E84