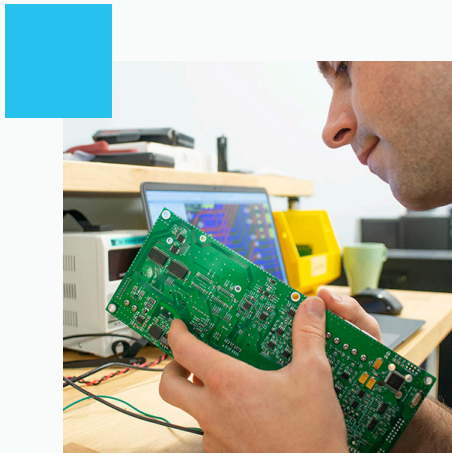


## Advantages

- Partners or access to academic research facilities and people
- Special facilities
- Sustainable competitive advantage
- Value proposition

## Core Competency

- Design and Optimization
- Modeling and Simulation
- Research and Development
- Market Research
- Thermal and Structural Analysis
- Patent Writing and Review
- Prototyping Services
- Project Management
- Cost Analysis
- Mechanical and Fatigue Analysis
- Life Cycle Assessments



Together we can discover state of the art solutions to your most pressing design challenges.

Our mission is to bridge the gap between academic and industry by engineering and developing disruptive technology. We believe in a world where technology is implemented smarter and faster for more affordable and efficient energy, resulting in lower greenhouse gas emissions.

## Contact Us

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When we align  
our talents with  
your goals,  
together we win.





## Our Contract Vehicles Include:

- W56HZV17C0007
- W56HZV16C0114
- W56HZV15C0192
- N6833518C0711
- N0025316P0235



**Common mode current causes excessive noise and disturbances in the system. Continuous Solutions successfully designed and built a custom inductor for the reduction of common mode current in Medium Voltage Direct Current (MVDC).**

## Company History

Continuous Solutions was founded in March 2014 the first project was to design and build a state of the art permanent magnet synchronous machine. Continuous Solutions won it's first SBIR phase I contract September 2015 with TARDEC. The project has been continued until today into a Phase II and Phase III. Continuous Solutions also won contracts with NAVSEA and NAVAIR which are currently in Phase II and Phase I.

## State-of-the-art Tools:

- Electromagnetic Finite Element Analysis based Modeling
- Mechanical and Structural Finite Element Analysis based Modeling
- Thermal Finite Element Analysis based Modeling
- Simulink/MATLAB based Modeling and Optimization
- Proprietary Evolutionary Computing Genetic Algorithms Design toolbox
- Other Analytical and Computational Methods

## Market/Customers

- Customer list - Government
- NAVSEA
- NAVAIR
- TARDEC
- Customer List-Private
- NIDEC Motor Corp
- WARN WINCHES
- Reed Electric