

## Engineering into 2014

In the first half of 2014 we have provided many customers with innovative solutions and are continuously thinking of ways to increase their profitability. A few of our successes are included here.

## Arizona Garage-Top Solar Tracker Likely the Largest in the World

We recently were informed that the garage-top mounted solar tracker at USAA's facility in North Phoenix could possibly be the largest in the world. This 1.3 megawatt system was designed through a collaboration between Proof Engineering and Viasol Energy Solutions. The team at Proof was responsible for designing all structural and mechanical components, using state-of-the-art software and our well-tuned process for solar power system design. This solution provides the USAA facility with a large fraction of their energy needs while creating the added benefit of providing shade for vehicles parking on the upper level.



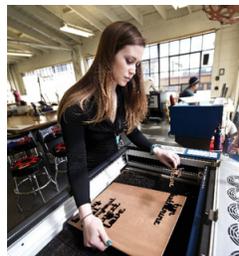
## Seam Welding Machine Increases Production Rate Tenfold

Capital Stainless, Inc., a manufacturer of stainless weld passivation machines saw a business opportunity to automate their production of consumable weld cleaner sleeves. In the past, they manufactured the fabric sleeves by hand using a hot knife which was a messy and relatively slow process. Also, their old method did not always produce uniform weld results and the product was sometimes discolored. Working closely with the customer, Proof developed a heated air system for welding the fabric. The machine proved to be 10 times more productive than the customer's old method and created uniform, visually appealing weld seams. (To see the machine in action visit here: <http://youtu.be/GdAp-TXRFDw>)



## TechShop Utilized to Extend Proof's In-House Capabilities

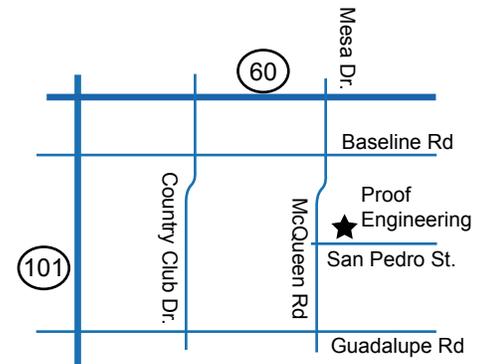
Our team of engineers are now members of TechShop. Located in downtown Chandler, Arizona, TechShop is a creative community and facility that provides access to many types of tools that inventors, entrepreneurs, and builders alike can use. The facility houses an impressive collection of woodworking, metalworking, and prototyping tools that are available to its members upon completion of training courses. For more information on TechShop visit: <http://www.techshop.ws/>



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## What we do

We are engineering problem solvers who can help you to:

- Develop or improve products
- Reduce manufacturing costs
- Resolve technical issues
- Investigate and correct failures
- Design test and validation programs
- Comply with safety regulations
- Enhance FEA and CAD capabilities

## Our Specialties

- Custom machine design
- Solar tracking systems
- Turnkey industrial equipment
- Specialty vehicles
- Advanced FEA