

LET US REVITALIZE YOUR VEHICLE

ABOUT REVITALIZE CHARGING SOLUTIONS. Revitalize Charging Solutions (RCS) is on the cutting edge of electric vehicle (EV) technology. Founded in 2013, the company's primary objective is to become the global leader in the EV charging industry. Ultimately, it hopes to be a major influencing factor in helping our nation reduce its dependence on foreign oil. Based in Fort Worth, Texas, with a team of four, RCS is dedicated to helping its customers keep their batteries charged and their electric vehicles drivable. With this in mind, the company designed and built an easy-to-operate interactive charger for use in private and public businesses, municipalities, parking garages, universities, and workplaces.

THE CHALLENGE. RCS faced a growing demand for a residential model EV charger. The company's existing model was too large to accommodate smaller mounting footprints for use in homes and garages. To offer a personal charging solution to its customers, RCS needed to design and build a residential model electric vehicle charging station enclosure. The management team decided to build this product overseas to reduce initial manufacturing costs, and needed to find suitable companies to construct the product on a large scale. They reached out to the Texas Manufacturing Assistance Center (TMAC), part of the MEP National Network, for assistance in designing and constructing the new charger.

MEP CENTER'S ROLE. TMAC utilized a Lean product development and design approach to produce a model that fit the requirements provided by RCS, implementing customer-defined, value-added product features. Through a continuous product development cycle, TMAC generated a series of conceptual designs to funnel into a detailed design for the new residential charger. The new product is capable of charging eight times faster than other chargers, in under three hours.

Next, TMAC obtained manufacturing partners to make the design fully compatible with molding manufacturing methods and to obtain quotes and estimates for mass production. TMAC fully integrated these suppliers and manufacturers into the product development cycle. RCS was satisfied with the engagement and expects the new product to generate \$2 million in revenue.

"I have worked with TMAC, specifically Juan Paramo, and what a professional he is. Juan Paramo, with TMAC, was instrumental in the success of our new residential home charger. Juan's professionalism and mechanical engineering experience was crucial."

-Edward Morgan, CEO

RESULTS



\$2M in projected sales/revenue



New product is capable of charging 8 times faster in less than 3 hours

CONTACT US



202 E. Border Street
Suite #323
Arlington, TX 76010



(800)625-4876



www.tmac.org

