

POLYMER AGING CONCEPTS AND THE COI FOR MANUFACTURING

Case Study

As products age, there are risks to safety in our environment where we live and work. **Polymer Aging Concepts** manufactures Age Alert™, a cutting edge sensor technology that measures the age and degradation of a wide range of products such as electrical insulation, automotive tires, belts and hoses, asphalt roads, food and pharmaceuticals. Building the Age Alert™ sensor required intensive measuring techniques. Originally, the company was only able to build 3-5 sensors per day. Recognizing the potential high demand for Age Alert™, **Polymer Aging** reached out to the **Center of Innovation for Manufacturing**, who connected **Polymer Aging Concepts** with researchers at Georgia Tech who had experience in this type of technology. Through this partnership the company was able to develop a more automated process, which led to shortened production time, and extensive research and discovery that can be used towards future advances in sensor technology. By providing the critical link between companies and academia in Georgia, the **Center of Innovation for Manufacturing** was able to help **Polymer Aging Concepts** grow its business to meet the demands in the industry for Age Alert™, leading to an increase in sales, revenue, and jobs.

“Commercialization would have been difficult, if not almost impossible, without the help of the **Centers of Innovation** and the Manufacturing Institute at Georgia Tech. I strongly urge any new business, especially high-technology innovative companies to locate in Georgia. It’s a very, very pro-business, pro-technology environment.”

Ken Watkins,
CEO, *Polymer Aging Concepts*

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