The University of Alabama - Birmingham (UAB) is rapidly becoming an international center for advanced materials technologies development. That’s why Triton Systems Inc., a Massachusetts Research & Development company chose UAB as a partner to work on many of its programs with the U.S. government defense agencies to develop composite military systems.

The Polymer Matrix Composites Group at Triton Systems, Inc. (Triton PMC) designs and develops Polymer Matrix Composite (PMC) structures and components that provide cost-effective, lightweight alternatives to heavy and/or metallic structures. The composite systems that they design can offer improved structural, EMI shielding, impact, and other performances - all while meeting demanding baseline requirements.

Triton PMC has been working with the School of Engineering at UAB because of its extensive research in thermoplastics engineering and the focus they are putting on rapid transition of this technology into a wide array of product applications. “We’re working with some unique thermoplastics technologies that other researchers aren’t using,” noted George Husman, associate director of the Office of Engineering Research and Applications Development at UAB. “This allows businesses like Triton PMC to partner with us on specific defense applications where agencies like the US Army are looking for cost savings and performance advantages.”

Bringing Business to Alabama

In 2006/2007 Triton plans to build a composites manufacturing business in Birmingham that will market and manufacture composite products based on joint UAB/Triton development programs.

By making Alabama the home of this business, Triton PMC will not only have direct accessibility to UAB’s research and development laboratories and resources, but also be in closer proximity to Triton PMC’s customer base and to parterning companies, such as Glasforms, Inc., that are valuable to the successful manufacturing of polymer matrix composites.

“We are pleased to be moving our manufacturing capabilities to Alabama and to be closer to UAB,” stated Dave Powell, Vice President, Triton Systems. “It’s one of the nation’s fastest growing economies, a business-friendly environment with one of the lowest overall operating costs in the country.”

About Triton

Triton Systems, Inc., is a high-technology development small business firm founded in 1992 that develops advanced materials and processing and manufacturing technologies for commercial, industrial and Government use.