



***Design, Simulate, Visualize in Global
Environments...***

The Energetics Technology Center (ETC) is a private, non-profit enterprise dedicated to growing science and technology in Southern Maryland through the creation of a regional center of excellence in energetics.

THE ENERGETICS TECHNOLOGY CENTER

Launched in 2006, the Energetics Technology Center (ETC) is a key element of the future economy of Southern Maryland. The ETC has implemented an aggressive plan in partnership with NSWC Indian Head, industry and academia that will result in a global public-private energetics community within Charles County. We will do this by focusing our efforts in three key areas.

Workforce Development

Energetics systems are a critical component of America's national security. And yet, experienced energetics professionals are retiring in accelerating numbers and fewer young people are pursuing careers in science and technology.

The ETC has made it one of our primary missions to revitalize the science and technology workforce and to create the "workforce of the future" in energetics in Charles County. The ETC recently signed a contract with the College of Southern Maryland to initiate this endeavor.

Technical Initiatives

The ETC has partnered with NSWC Indian Head and the CECD (Center for Energetic Concepts Development) at the University of Maryland to become the national leader for energetics research and development. Efforts are currently underway to:

- Establish an Energetics Consortium supporting the Department of Homeland Security
- Develop virtual reality software to train next generation explosives manufacturing and device experts.
- Analyze the effects from combustible in harbors, on trains, and on other public transportation systems.

Economic Development

The ETC is an important economic development force in the region. In addition to the staff requirements of the ETC, we are working closely with Charles County government to bring high tech companies to the region. Several companies are currently exploring the use of the ETC as a collaborative R&D vehicle in Charles County, including the relocation of R&D and production facilities to the area.

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