



Media Contact:

Georgina L. Chapman

Business Development

AEgis Technologies Group

256-922-0802 ext. 1588

[gchapman@AEgisTG.com](mailto:gchapman@AEgisTG.com)

[www.AEgisTG.com](http://www.AEgisTG.com)

[www.NanogenesisGroup.com](http://www.NanogenesisGroup.com)

For Immediate Release

### **AEgis Nanogenesis Group Wins Air Force SBIR Phase II**

**Huntsville, Alabama (February 28, 2011)** - The Air Force has awarded Nanogenesis, A Division of Aegis Technologies, with a SBIR Phase II Award for Directed Energy Detection and Characterization Instrumentation (DED&CI).

The Air Force's Air Armament Center and 46<sup>th</sup> Test Wing are in need of a suite of low-cost instrumentation that can provide accurate, high-speed information for High Energy Laser (HEL) and High Power Microwave (HPM) tests. This instrumentation is needed to characterize the performance of Directed Energy (DE) systems. This instrumentation opportunity is a perfect match for Aegis' Directed Energy system capabilities and new acquired state-of-the-art clean room facilities. In this Phase 2 project, Nanogenesis will provide HEL and HPM instrumentation based on microsensors embedded in a rugged detector array.

"Nanogenesis has become a leader in novel Directed Energy instrumentation that can survive in the very harsh environments incurred during a system test. Our scientists have developed advanced materials and fabrication processes that yield sensors that can out-perform standard instrumentation," said David Thomas, Vice President of Nanogenesis.

#### **About Aegis Technologies Group**

AEgis Technologies is a privately held small business headquartered in Huntsville, Alabama, USA, that provides advanced technology and expert consulting services to industries throughout the world. Aegis specializes in modeling & simulation (M&S) and micro/nanoscale technology development. The company's M&S products and services include simulation software and training simulators; geospatial databases; 3D models; war fighter exercise support; systems engineering and analysis; verification, validation, and accreditation (VV&A); test and evaluation support; and HWIL simulation. Aegis' Nanogenesis Division is the advanced technology development arm of the company that specializes in transitioning game-changing technology from the laboratory to the marketplace. Nanogenesis is made up of a dynamic and highly creative group of scientists and engineers who focus on bringing novel micro and nano scale systems to life. Team members are located in Huntsville, Albuquerque, Oak Ridge

(more)

National Laboratory and Redstone Arsenal.

AEgis has enjoyed steady growth with revenues increasing to more than \$35 million in sales and employment of 200+ professionals. AEGis has been instrumental in the acceptance of M&S as a profession, as a graduate program of study among many colleges and universities, and in the creation of an M&S standard across the international M&S professional community of practice. Since its founding in 1989, AEGis has been committed to honesty and integrity and has been recognized for its honorable business practices by recently receiving the Better Business Bureau's Torch Ethics Award. The company's highly skilled work force is dedicated to building lasting relationships and providing superior products and services to our customers.

####