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For Immediate Release

TITLE: AEgis Technologies Builds 3D Database for Vancouver 2010 Olympics

Huntsville, Alabama, (February 11, 2010) - In Spring of 2009, AEgis Technologies started the process of building a 3-D database for the Vancouver 2010 Olympics. This was the second three dimensional database AEgis has developed for the Olympics, the first being the Beijing 2008 Olympics. The goal in constructing the database was to provide the most comprehensive 3-D landscape possible in support of various agencies roles in operational planning and situational awareness, key elements in the preparation for a large scale international event.

The development of the Vancouver 2010 Olympics database was a very large effort that required multiple 3D modelers, texture artists, and geographic information system (GIS) analysts. Utilizing DigitalGlobe imagery and open source data, our 3-D modelers and texture artists built the most accurate and detailed models available for the varied landscape that encompasses the large Vancouver database. Tall downtown Vancouver buildings within a dense, urban area show the expertise of our modeling and texturing team. Seaside docking areas with giant cruise ships and container vessels exhibit the wide scope of modeling skills. Cruise ships constructed were modeled precisely after the actual cruise ships that will be used during the games for lodging within Vancouver harbor due to the vast number of potential attendees at the Winter Olympics. And the breathtaking Whistler ski resort models, detailed with intricate resort buildings and ski lifts, show why AEgis is a leader in the 3-D visualization world.

AEgis' in depth knowledge of terrain database development and integration of high resolution 3-D models into databases aided in this successful effort. With the ability to view the database at 60 frames per second, security forces can utilize the database using real time scenarios, line-of-sight (LOS), operational planning and disaster response. Also, because the virtual dataset is built upon open-source standards, it can be viewed in many different viewing applications. The dataset is also extensible, which allows the user to add or modify modeling archetypes within or on the virtual terrain. This allows the user that ability to place models of emergency vehicles, buildings, or even human models into the view shed for simulation.

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This cutting edge interface is made possible because of AEGis' in-house development of its own viewing software, known as LightINT (Light Intelligence), which was provided along with the Vancouver database for a very robust, binary, Open Scene Graph (OSG) format. The binary form of OSG is (.ive). In the past, large 3D datasets were cumbersome because they were limited by having to be ready into computing memory. With OSG, these past static formats become "pageable", taking away size and fidelity limitations. With the LightINT viewing tool, AEGis provides not only the most high fidelity database available, but the ease in viewing the database, allowing for the maximum utilization of the product.

Across the Modeling and Simulation industry, the modus operandi of past visual development was to create large, fairly static, visual databases that did not have the inherent ability to be updated after completion. Thus, the user could not go back at a later date and make changes without rendering, once again, the entire dataset. AEGis has eliminated this problem with the development of the Vancouver dataset. Hence, AEGis has created a "virtual wiki" - a dataset that can be updated with new GIS, modeling and pixel data at any time in the future and with minimal effort. This gives the end customer a virtual foundation that can be built upon tomorrow, or years from the initial effort.

Because the world is ever changing, the ability to update keeps geospatial accuracy, thus allowing users a correct operational picture of their environment. The world of modeling and simulation has merged with the geospatial world, helping Olympians, visitors, and the people of Vancouver understand their surroundings better than ever.

In the 20 years since the company's inception, AEGis Technologies has grown to be a world leader in the Modeling and Simulation industry. Art meets science and technology in the Geospatial Programs Division of the Simulation Development Group at AEGis. Supporting the Department of Defense, intelligence community and commercial markets, virtual environments are built to reality at AEGis Technologies. The 2010 Vancouver Olympics project is an example of AEGis' ability to put any location on the globe at your fingertips in 3-D.

About AEGis Technologies Group

AEGis is a privately held small business corporation headquartered in Huntsville, Alabama, that provides advanced technology and expert consulting services to industries throughout the world. AEGis capabilities include Modeling & Simulation software development, training, test support, engineering analysis, hardware design and nanotechnology manufacturing for both government and commercial customers within the United States and internationally.

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.

To learn more about AEGis, please visit www.AEGisTG.com.

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