

Warfighter Exercise Support

AEgis provides warfighter exercise support for the United States Air Force, Army, and Joint Forces Battle Command Systems. AEgis maintains, modernizes and integrates existing simulations and COTS products to develop unique, innovative, flexible, and comprehensive simulation and training solutions.

System Development and Integration (SD&I)

AEgis is a developer and integrator of software and hardware solutions for the simulation and test of advanced weapon systems. This includes the development, operation and test of 6-Degree-of-Freedom simulations, physics-based real-time EO/IR/UV scene generation systems, sensor test systems, distributed simulation frameworks, surrogate missile systems and a host of electronic and mechanical assemblies.

Systems Engineering and Analysis (SE&A)

AEgis provides systems engineering and support services to major defense programs. Our focus areas include strategic planning analysis, modeling and simulation support, resource management, schedule development and assessment, program integration and management, international program support, systems analysis, integration, and system design.

Test & Evaluation (T&E)

AEgis provides Test and Evaluation support across a broad range of applications and across the spectrum from research level T&E to operational T&E. AEgis has provided superior support in the areas of test planning, test execution, data analysis and reporting, and the development of test instrumentation.

Verification, Validation & Accreditation (VV&A)

AEgis is a leader within DoD in the development of M&S VV&A strategies and execution of VV&A Plans. AEgis-View™ clearly defines the supporting V&V data products, M&S Units Under Test (UUTs), associated V&V activities, agents, and resources for cost-effective VV&A program execution from concept to deployment.

Simulation Products

AEgis supplies commercial modeling and simulation software tools, motion-based maneuver trainers, MEMS, Photonics, and microfluidic devices to industries around the world that require advanced aerospace simulation, automotive simulation, biomedical modeling and simulation, electronics simulation, missile modeling and simulation, petrochemical, power generation, and process control modeling and simulation software and tools.

Simulation Solutions

AEgis offers GIS feature extraction and compilation from High Resolution Imagery based on required level of detail to meet or surpass modeling and simulation requirements. AEgis provides a low cost, high performance solution for the creation of Correlated Terrains, 3D Vehicles, 2D Maps, various SAF outputs, and Complex Building Features.

Simulation Training Systems

AEgis is an innovative developer of training devices and simulators for current and advanced conceptual systems. Utilizing commercial-off-the-shelf products, open source initiatives, and a highly experienced engineering staff, AEgis consistently delivers fully configured training and simulation solutions that include hardware, software, and services.

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