

For Immediate Release
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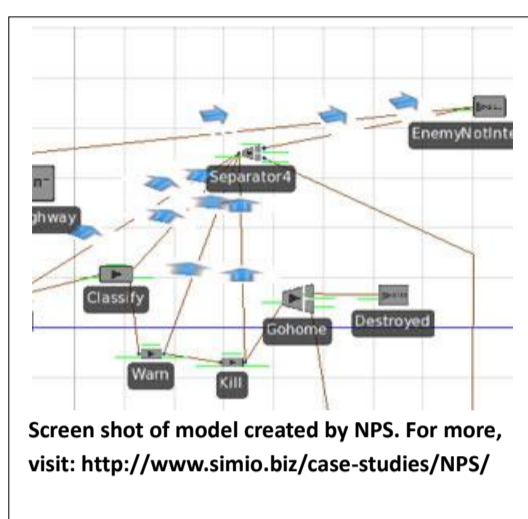


Naval Postgraduate School Chooses Simio to Model Maritime Capabilities in Remote Sea Locations

Simio used in capstone project to study the prevention of piracy, illegal drug trafficking, and increased security within ports, waterways, and coastal areas.

Sewickley, Pa. – [Simio](#), a developer of 3D object-oriented [simulation software](#), was chosen by the [Naval Postgraduate School](#) (NPS) for a project that employed systems engineering to combat maritime piracy. NPS specifically used Simio to evaluate how to protect a high value asset (HVA) from unfriendly adversaries, detect friendly and foe vessels in an area of coverage, and have an asset and ability available to intercept a foe.

“We are very happy that Simio was selected among the available simulation tools for use by NPS for modeling maritime capabilities in remote sea locations,” said Dr. Dennis Pegden, Founder and CEO of Simio. “We hope that this will be the first of many applications of Simio targeted at the prevention of piracy, drug trafficking, and increased security within our ports, waterways, and coastal areas.”



Screen shot of model created by NPS. For more, visit: <http://www.simio.biz/case-studies/NPS/>

[In a technical report on the project](#), the project team deemed selection of the modeling and simulation tool "critical to the outcome of data needed for analysis."

"The project team decided to use SIMIO in preference to ARENA because SIMIO had better graphics and extended capabilities that were not available in ARENA," the project team [stated in the report](#).

Simio picked from a field of simulation software tools for its "dynamic modeling capabilities" that allowed the team to "help answer questions on how an existing or a proposed system will perform," the report stated.

The report states that the Somali piracy problem was chosen as the most stressing scenario for the analysis of current alternatives.

NPS used Simio to run several scenarios where a HVA would be defended by a [warship with one](#) or [two Unmanned Air Vehicles](#) (UAVs). NPS also tested how a HVA would be defended by a [Remote Sea Station and two UAVs](#).

About Simio LLC

[Simio LLC](#) is a private company headquartered in Pittsburgh, Pennsylvania and is dedicated to delivering leading edge solutions for the design, emulation, and scheduling of complex systems.

About Gorman, Green, & Associates

Gorman, Green & Associates is a small, veteran-owned business that provides professional services and products in core competency areas to government and commercial organizations. We provide those services and products both directly and through selected partners which represent "best of breed" service and product providers. Core competencies include ship combat systems engineering, operations research/systems analysis including simulation modeling, health care business operations, and logistics and supply chain modeling. Gorman, Green, and Associates is an authorized re-seller of Simio, and is responsible for the introduction of Simio to the Naval Postgraduate School. For more information, please contact Paul Gorman, CEO, Gorman, Green, & Associates at (858) 204-9547 or e-mail Paul@GormanGreen.com.