

## Modeling & Simulation



Infotek International, Inc. designed and developed the Naval Air Systems Command virtual presence call NAWPAXCD in the virtual world called Second Life. NAWPAXCD Island is a tropical paradise scattered with futuristic architecture, models of Navy technologies and even screeching seagulls. The island is designed to demonstrate geo-spatial arrangement. This allows information to come to you in

an immersive way instead of going to the information. The NAWPAXCD demonstration island is being used to study virtual worlds (i.e. Second Life), to determine the usefulness of such platforms for teleconferencing, training, rapid prototyping, skills building, showcasing and data visualization.

During the demonstration a function similar to Microsoft's PowerPoint program demonstrated the useful tool for lectures and collaboration. Streaming video can also be sent over the Internet and displayed by a viewer in real time within Second Life.



Infotek is also developing an open source, free version of the software, known as OpenSim, as well as other platforms, such as web.alive. Virtual Worlds are great places for e-Learning, to experimentation and prototyping but OpenSim gives users the ability to put content behind a firewall which allows at the platform to be more secure.