

EW Scenario Simulator (EWSS)

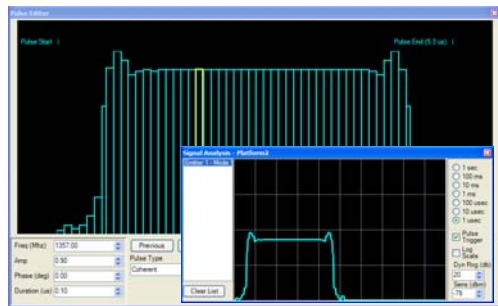
Description

Designed for PC and laptop use, EWA GSI's EWSS performs simulation, modeling and editing of modern electronic warfare scenarios. This system calculates in real time, electromagnetic wave emission and propagation, platform motion, antenna beam shape, and radar scan patterns.

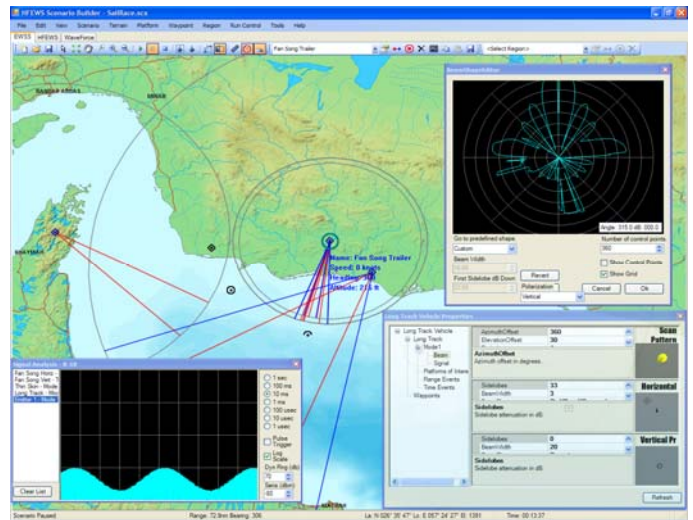
A Complete EW Environment

The EWSS calculates one and two way electromagnetic links facilitating training, mission rehearsal, and multi-player interaction in the following EW areas:

- ESM
- Radar
- Communications
- Jamming
- Infrared
- Integrated Systems



Pulse Editor & Generated Pulse



EWSS with Beam Editor, Emitter Editor & Generated Signal

A Versatile Simulator

The EWSS is being used in the following capacities:

- **Stand alone** – EA-6B mission rehearsal
- **Add on** – EW environment for the 2F178 flight simulator
- **Classroom** – Instructor monitored CSO (Combat Systems Officer) training
- **Virtual Exercises** – Multi-player force on force research
- **RF Stimulator** – Environment for HFEWS RF generator



Various clients using signals generated by EWSS

