



**SERA** eliminates the need for instructor role-play, includes real-world communication demands, increasing training value, and decreasing training costs.



Advanced Simulation Technology Inc.

500A Huntmar Park Drive, Herndon, VA 20170, USA • 703 471 2104 • [asti-usa.com](http://asti-usa.com)

**SERA (Simulated Environment for Realistic ATC)** creates a dynamic, artificially intelligent environment filled with additional aircraft and air traffic controllers. SERA increases flight training's realism by providing an immersive air traffic control (ATC) and traffic experience in the air and on the ground.



### **AUTOMATED ATC**

Meets stringent Line-Oriented Flight Training (LOFT) fidelity demands with custom configurations.



### **SIMULATED TRAFFIC**

Recreates some of the world's busiest airspaces with adjustable simulated traffic levels.



### **FLEXIBLE TRAINING**

Supports real-time flight plan modifications due to traffic conflicts, inclement weather, and practice events triggered by a pilot or instructor.



### **SUPERIOR SPEECH RECOGNITION**

Teaches and reinforces radio phraseology to new pilots, including non-native English speakers.



### **EXTENSIVE AIRPORT DATABASE**

Validates training procedures against the facilities' navigation data and issues realistic SID and STAR clearances for every airport in the world.



### **TRAINING DEVICE AGNOSTIC**

Integrates with leading simulator manufacturers, from low-level simulators to Level D devices.



### **EASY INTEGRATION**

Outputs AI aircraft in both standards-compliant and vendor-specific formats for easy integration with existing simulators.



### **AFFORDABLE PRICING**

Accommodates training facilities of all levels and sizes, thanks to a sliding-scale pricing model.



**LEARN MORE ABOUT SERA AT [SERAATC.COM](http://SERAATC.COM)**



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