Telestra is a mature, fully featured audio and communications system designed for modeling and simulation.

Reproduce radios, intercom systems, navigation aids, and the entire communications suite of a vehicle, aircraft or ship. Tune the engines, weapons, propellers, and rotors to create an immersive audio environment. With a robust tool set and development environment, Telestra can be customized to fit any simulator — land, sea, or air.

HIGH FIDELITY COMMS

Telestra provides users with fully-featured military radios and comms. Users have complete control over a robust propagation model that accounts for distance and terrain. Build radios that send both voice and data with modeling for frequency hopping, crypto, SATCOM, and HF.

ENVIRONMENTAL AUDIO

Cockpits can be loud. Telestra is ready to help model all of the sounds a pilot needs to hear during training. With customized components, Telestra can synthesize all of the engines, malfunctions, and weapon sounds needed to properly immerse the trainee in their simulated world.

LOW LATENCY

Connect audio devices, headsets, panels, PTTs, and speakers over the network with Telestra's custom ACENet distribution. Network the system with commercial amps to reduce expensive audio cabling. ACENet has a super low latency, and provides the most accurate and responsive sidetone on the market.

MATURE PRODUCT

First introduced in 2006, Telestra has been a reliable workhorse. ASTi has delivered thousands of Telestra systems for a wide variety of applications and simulators, and the input from our customers has made all the difference. ASTi continues to develop new, high-fidelity features while keeping the product stable and robust.

INTEROPERABLE

ASTi radios are built for the network. Telestra can connect with DIS or HLA across multiple versions, including DISv7 and HLAe. All of ASTi's products are interoperable and regularly participate in distributed training and massive exercises without sacrificing fidelity.

TIME-SAVING

Engineers can quickly remedy issues using Telestra's built-in tools. Debug radios on the network, rapidly tune and balance speakers, generate audio plots, and examine host data. Special web pages and health reporting reduce downtime, and keep the simulator ready for training.

LEARN MORE ABOUT TELESTRA AT ASTI-USA.COM/TELESTRA