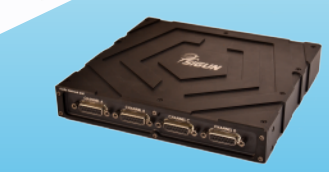
OMNI AUDIO

Product Family

High Fidelity End-to-End Environmental Sound and Communications Simulation Solutions For Advanced Simulation Systems



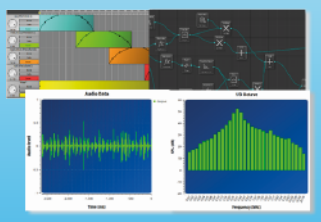
Audio Network Unit - ANU

IEEE AVB/TSN based end unit designed to communicate with OmniAudio Simulation Server unit that supports wide range of audio peripherals



Simulation Server

IEEE AVB/TSN based Simulation Server designed to provide military grade FAA Level-D sound and communication simulation environment



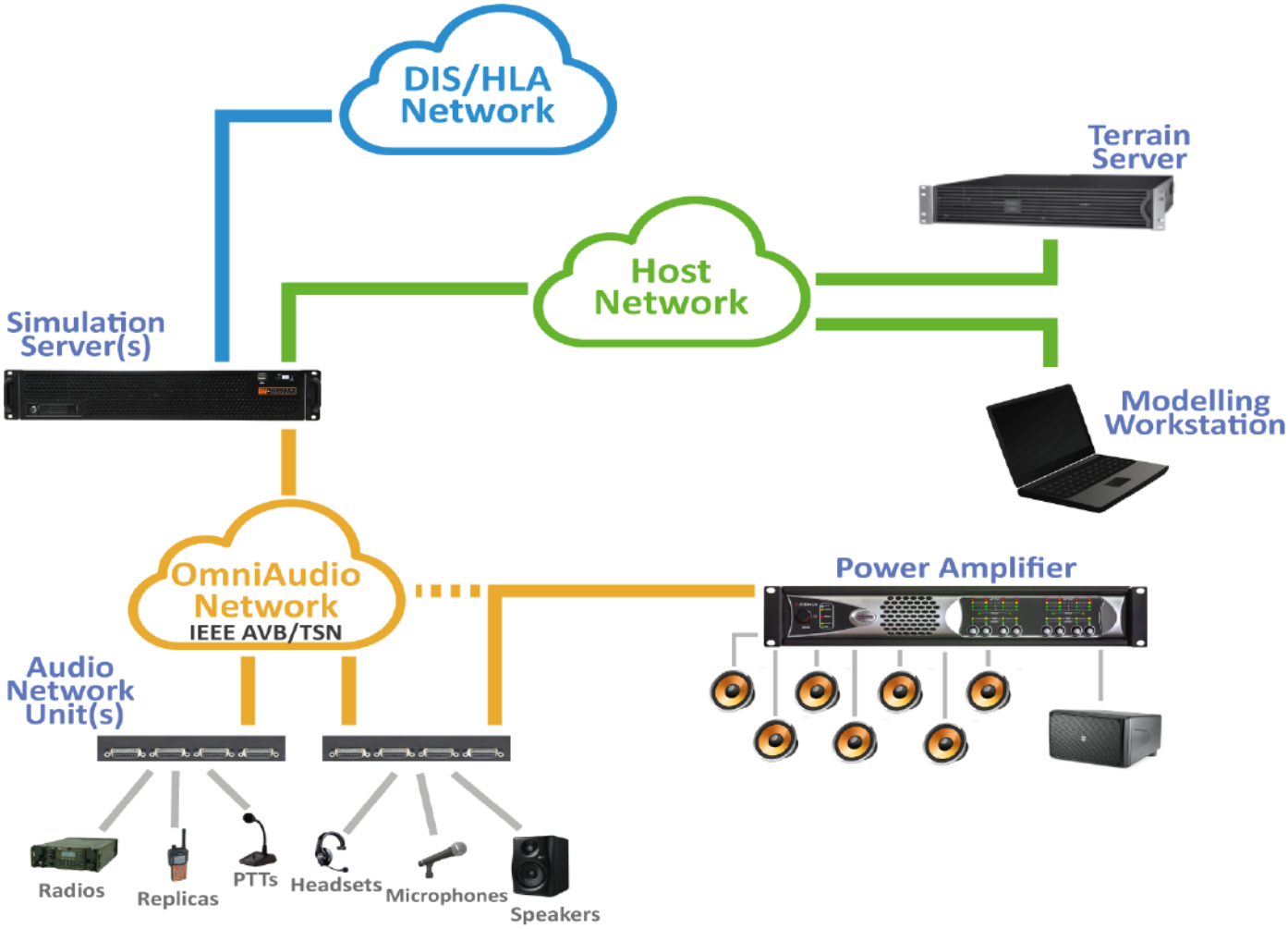
Modelling Design Studio

Modelling and FAA Level-D evaluation tools for OmniAudio simulation environments

Crypto
AGC • DIS/HLA
AM/FM • Low-Latency
Terrain Server • Ambisonics
Jamming • HF-UHF-VHF • SatCom
FAA Level-D • Operationally Proven
Spectral Analysis • IEEE AVB/TSN Technology
Squelch • HaveQuick • 40+ Modelling Components
AGC • DIS/HLA • Real-Time High-Fidelity Radios
Intercom • Environmental Sounds • 3D Spatial Audio

OMNI AUDIO | ARCHITECTURE

- OmniAudio is an operationally proven comphrehensive set of tools (hardware and software) for building FAA Level-D compatible high-fidelity low-latency environmental sound and communications simulation solutions for land, marine and air platforms.



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