

Sonomarc Live Radio Bridge

A PLEXSYS Live Virtual Constructive (LVC) Solution
Integrating Real-World Comm Systems to the Virtual World



Live Radio Bridge

- Access live radios from Sonomarc or other radio software
- Train with live aircraft or other live assets



Operational System Bridge

- Utilize existing operational systems to key virtual radios for training and distributed simulation
- Sonomarc LVC takes place of physical radio, without system modification



Communication Support and Audio Protocol Translation and System Customization

- Custom hardware translates between digital protocol and analog signals
- Multiple keying options: Push-to-Talk (PTT), Voice Activated (VOX), REST API
- Can be customized to work with any tactical communication system
- Supports both full and half-duplex communication systems
- DIS and HLA-compliant



Other LVC Solutions Available

- Radio-over-IP (ROIP) integration via ED-137 and SIP protocols
- Use physical or digital VOIP phone to talk on a sim radio/asset (SIP/Radio Bridge)
- Use sonomarc phones with real phone system (SIP integration)
- Bridge operational tactical chat interfaces, allowing operators to train how they fight



The Sonomarc LVC Kit is a portable communication solution that leverages Sonomarc technology.

The kit is used at locations in the U.S. and around the world.

