

IP Backhaul for the SNV-12™

Important New Capability



JPS Interoperability Solutions



JPS Interoperability Solutions, Inc., the industry leader in analog receiver voting, announces a frequently requested upgrade to its SNV-12 voter. With our new SVM-3 module, the customer's IP network can be used to transport voter receiver audio, with the SVM-3 handling the difficult challenges that network jitter adds to the voting process.

The New SNV-12 IP Backhaul Capability

JPS Interoperability Solutions, Inc. is developing an advanced capability for its industry standard SNV-12 analog voter. The new SVM-3 module will allow the use of IP networks for transport of receive and transmit audio. The SVM-3 module can coexist in an SNV-12 chassis along with the current SVM-2 modules, and provides a range of audio transport options. SVM-3 implementation will allow front panel force vote and force disable, just like the SVM-2.

The basic timing synchronization algorithms have been proven in a challenging lab environment, and the module schematic design and PCB layout are currently underway.

New single/dual channel IP Voting Modem Unit performs these functions at the remote receiver/transmitter sites:

- Analog to digital translation of RX and TX audio
- Accurate Signal Quality analysis done at receiver site to allow use of bandwidth-efficient codecs

