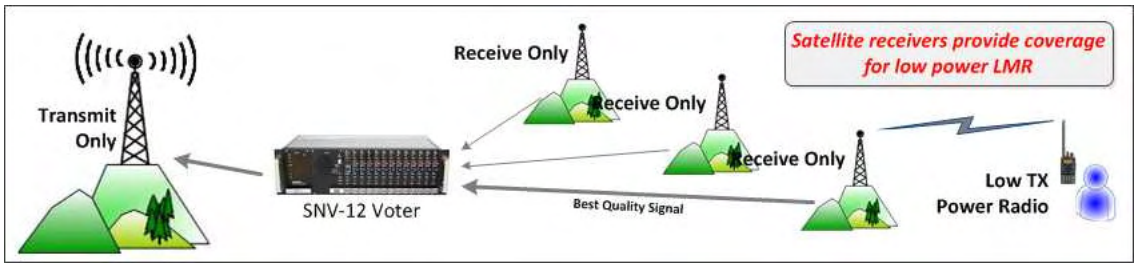
SNV-12 / Receiver Voter

Overview –

- Analog Signal & Noise receiver signal comparator
- Extends coverage by allowing low power radios to link to remote receiver sites rather than the main repeater
- Selects the remote receiver with the best signal quality for dispatcher and/or to be retransmitted to other users in the field

- Restores coverage lost to narrow banding



- The SNV-12 uses Digital Signal Processors to continuously sample all remote receiver sites that pick up a mobile/portable transmission and selects the receiver with the best signal quality. A typical application is an LMR system in which mobiles and portables can hear a repeater, but due to their lower transmit power and/or the antenna size or placement, the repeater cannot hear these mobiles and portables
- Remote receivers can be positioned in communication “dead spots” or fringes in the coverage area, with audio from each receiver linked to the voter using microwave, landline, twisted pair, RF link, or fiber optics

Advantages –

- Uses DSP algorithms for superior receiver signal quality measurements, EIA tone control, audio delay, and AGC functions

Past Performance –

- Dominates the market with over 7,500 voters sold worldwide

Features/Benefits –

- Extremely simple initial setup with minimal test equipment required
- Hot-swappable modular approach reduces single points-of-failure
- Field upgradable firmware capable
- Browser interface allows remote access to monitor audio and disable problem sites
- Two decades of solid performance worldwide
- Three SNV-12 can be can be daisy-chained allowing a single voted channel with up to 36 receiver sites
- Appropriate for Public Safety, DOD, Private Sector

EXCLUSIVE REPRESENTATIVE:

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