



Raven Electronics Corporation

Specialized Communication Solutions Since 1968

RVI-600

Raven Voter | IP Configurable | 6-Site

Featuring our Exclusive and Innovative M4x Technology



Raven Electronics' 6-Site Voter is a pre-configured powerhouse that allows for easy set-up, configuration, and expansion. The RVI-600 with M4x Technology, is the most flexible and cost-effective voting system on the market. Features include:

Voting Applications

- Configure Remotely over IP
- COR Voting
- Status Tone Voting
- Transmitter Steering

- IP site-monitoring and control from remote locations
- Event-driven, intuitive software
- Full-featured reporting capabilities
- Fully expandable
- Sleek, 1RU rack-mountable design

Solves

- Poor Audio Quality at Edge of Coverage Area
- Mountainous Regions with Multiple Receive Paths
- Extends Coverage Areas

Subscriber radios, dispersed throughout a specific area of coverage, are back-hauled to a central location via a Raven IP Gateway, a microwave system, leased lines, or point-to-point receivers. The RVI-600 Voter resides at the central site (or EOC) and automatically:

- Monitors multiple remote receivers
- Votes the best audio using a proprietary algorithm comparing signal strength, noise, and audio fidelity
- Passes the best audio to one or more end-points (consoles, dispatchers, or repeaters/transmitters)

Most receivers are configured for S-TAC operation, providing either 2175 Hz or 1950 Hz status tone to the voter to indicate the squelched condition. If a receiver does not have the capability for S-TAC operation, then squelch conditions can be triggered by COR or VOX. Additionally, outlying Raven equipment, featuring M4x technology, can also be utilized as status tone (or "pilot tone") generators.

RVI-600 - combining innovation, flexibility, and simplicity in one, ready-to-use package.

The 'Idea Shop' committed to solving engineering problems & exceeding expectations.

