

it's **simoco**

VOTER 30450 RSSI

Advanced Infrastructure System Capabilities

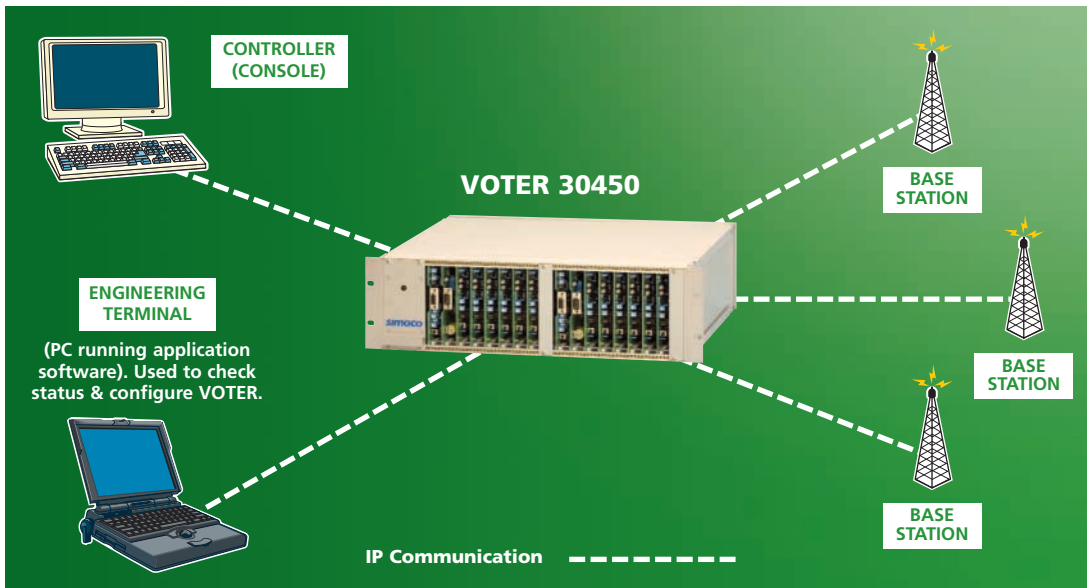


The 3045 VOTER is a true RSSI voting subsystem that provides automatic site selection and transmitter steering.



- 2 models available – 1x16 Line and 2x6 Line.
- Votes on commonly available out of band Received Signal Strength Indicator (RSSI) tone.
- Receiver mounted RSSI tone generator pcb is available (separately).
- Remote monitoring via an RS232 link.
- Talk-Through re-broadcast facilities.
- Configurable transmitter steering.
- Engineer/Emergency handset connector (Handset available separately).
- “Engineer Terminal” PC application software for configuration and interrogation supplied as standard.
- The signalling stream from the Voter carries an identity that shows its origin.
- Signalling is initiated by the Voter to inform the controller of voted sites and unit status.

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SPECIFICATIONS

VOTER		
Line Module	Single Shelf:	One channel, up to 16 Line Modules.
	Dual Shelf:	Two channel, up to 6 Line Modules in each.
Audio I/O	4 wire 600Ω	
	Input Level:	Console: -14dBm to -1dBm Base Rx: -20dBm to 0dBm
	Output Level:	Console: -14dBm to -1dBm Base Tx: -14dBm to -1dBm
Voting methods	RSSI tone:	The Voter compares RSSI tones output by each base station Rx to determine best Rx signal.
	Vote & Hold Selection:	Vote Best and Hold allows for configurable Hold Period and hysteresis level.
Transmitter Keying	E&M:	Standard E&M signaling
	Tone:	2970Hz key tone plus optional 2850Hz confidence tone
	Command:	Signaling code
	Manual:	User defined
Line Connections	DB9:	One to each Base Station
	DB15:	Control Console I/O
Power Supply	AC:	90-250V 47-440Hz
	DC:	12-48V DC
Power Consumption		40W
Dimensions		2RU (H) x 305mm (D)
Temperature		0°C to 50°C



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VOTER