

# *MV Series*

**BridgeCom**  
SYSTEMS



## Description

The MV Series by BridgeCom Systems, Inc. makes Radio over IP (RoIP) solutions easier than ever. The MV series allows for Radio over IP (RoIP) Soft Console Dispatching to an RF end-point. It can also reduce site linking costs by enhancing existing MOTOTRBO™ site linking capabilities by eliminating the need for control stations.

## Models

***MV-1*** - The MV-1 provides for a simple analog channel connection to a TL-NET system. This MV version adds one analog VOIP link to any analog or digital radio control station endpoint. This product is very useful in that it provides a less expensive solution when just one remote voice connections is required. Use the MV-1 stand-alone or add it to an existing TL-NET Site-linking system.

***MV- i1, i2*** - The MV-i1 and i2 links digital audio from a MOTOTRBO repeater operating in IP- Site Connect mode to an analog connection such as LTR, Conventional or PC Client Dispatch. The MV-i1 or i2 provides for interoperability between MOTOTRBO and virtually any analog radio system.

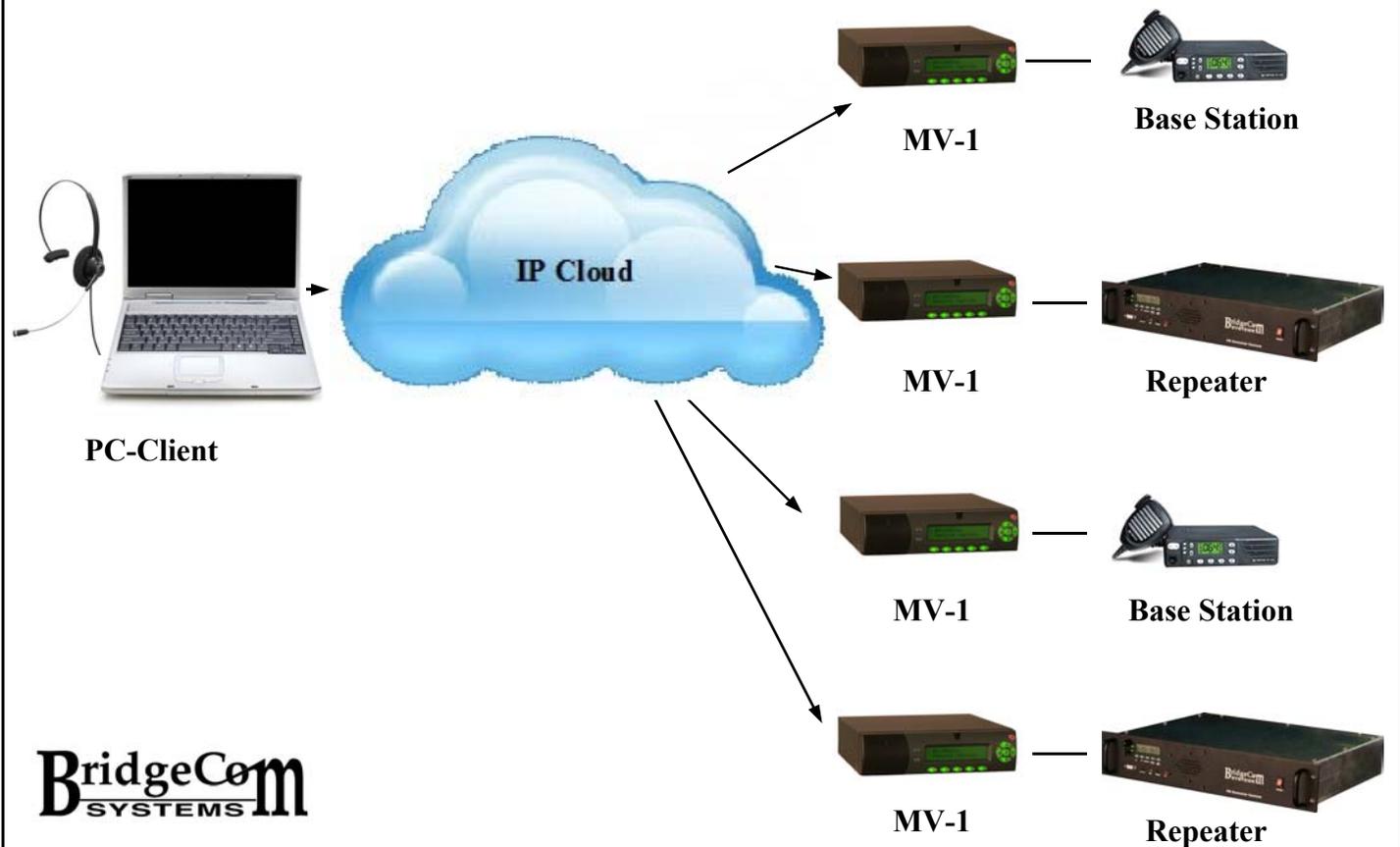
***MV-IPSC1***—The MV-IPSC1 functions as an endpoint that inspects incoming MOTOTRBO digital call information (voice or data) and routes the call to other IP Site Connect peers as indicated by the TL-NET talk map. The MV-IPSC1 provides for expanded linking and control of both time slots of a MOTOTRBO repeater operating in IP-Site Connect mode. The MV-IPSC1 provides selective site-to-site group call routing capability which is not available with Motorola IP-Site Connect. For example: If you have 15 sites of MOTOTRBO repeaters using IP Site Connect, then the MV-IPSC1 can allow for placing a group call to only a select number of the sites, rather than all 15 sites. **The MV-IPSC1 requires no control station.** Digital audio and data packets are inspected from the IP port of the MOTOTRBO repeater.

***MV-IPSC75*** - A single box design that connects 3 IP Site Connect networks (45 peers) effectively making IP Site Connect infinitely scalable. Expandable to up to 5 IP Site Connect networks. Both MOTOTRBO repeater time slots are connected for both voice and data communications.

These are only a few of the many ways our MV Series can work for your network. The MV series is highly configurable and can be tailored for your specific application. Please call or email and tell us what you're working with. We can then provide a custom quote to meet your needs.

## Example

### Example of a TL-NET MV Setup



## Specifications

MV Pin	Pin Name	Function
1	PTT Out	Active Low - Connect to PTT In
8	COS In	Valid Signal Indicator from RF
9	Mic In	Low level audio out of Radio
13	Shield-GND	Shield
14	+5 Volts	Power
21	Line-Level Audio In	High Level Audio Out of Radio
22	Audio Out	Audio In or Mic In of Radio