



MV-370 , 372, 374 and 378

High performance, low density VoIP to Cellular Gateways

Highlights

- VoIP (SIP) to cellular gateway
- 1, 2, 4 or 8 cellular ports
- Options for GSM, UMTS or CDMA
- Dual Band, Tri-band or Quad Band options
- Register to a IP PBX or proxy
- Supports gateway mode
- Callback options
- Send SMS messages
- Built in dial peer server
- Works with Asterisk, PBXnSIP and other IP PBX systems
- Supports call termination and origination
- Web browser and cellular dial in

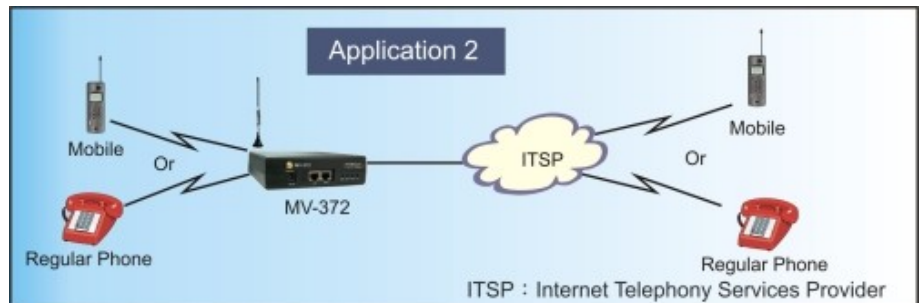
Applications

- Provide cellular network access for Asterisk, Tribox, PBXnSIP, VoIPbuster, SIP Proxies and others
- Terminate VoIP traffic in low density with less exposure to cellular providers
- Access your IP PBX with a cellular phone using cell to cell minutes
- Provide Call Back service to your IP PBX when traveling overseas
- Send SMS messages from your programs

Expand your VoIP Network to Cellular

The MV-37x series of cellular gateways provide access, termination and origination of cellular networks to your existing VoIP networks.

The requirement to lower telecommunications costs require unique solutions and the ability to bypass traditional TDM based networks. In most countries, cellular networks are less expensive to make traditional phone calls. By combining the power of VoIP and cost saving public cellular networks, the MV-37x series of cellular gateways allow you to expand your network and lower expenses.

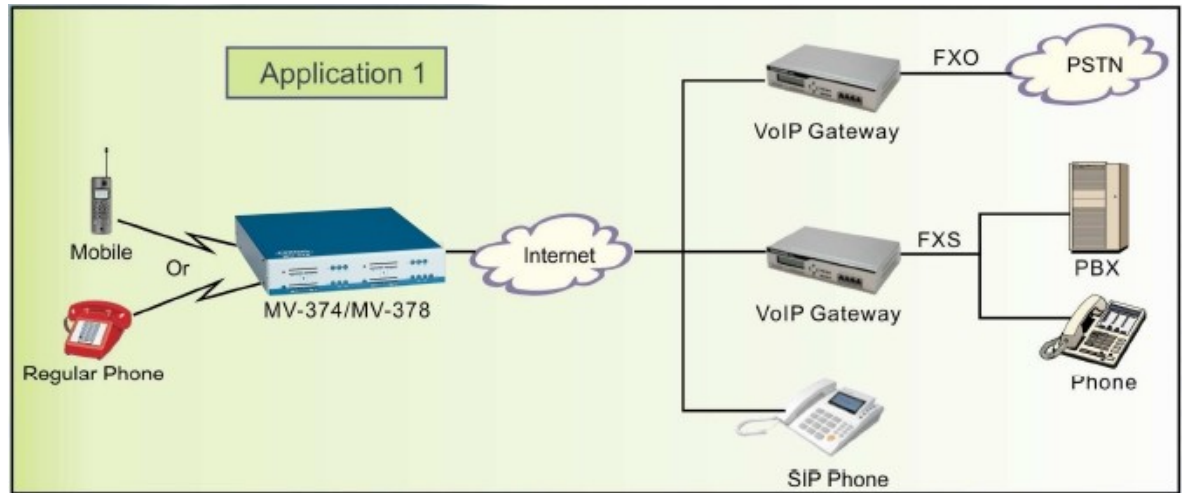


- VoIP(SIP) to GSM conversion
- VoIP(SIP) to CDMA conversion - CDMA 2000(800/1900MHz)
- VoIP(SIP) to UMTS conversion
- LAN to Mobile 2 stage dialing - When a SIP call is made to the MV-37x series, a dial tone will be provided with the ability to dial a destination number
- Mobile to LAN 2 stage dialing - When the calling party calls a MV-37x series sim card, the calling party will hear a dial tone with the ability to enter any destination number
- Single stage dialing— When a SIP call is made to the MV-37x series, the DNIS number will be used to dial a call out to the cellular network. When a call is made to the MV-37s series from cellular, a predetermined number is sent to the IP PBX, switch or proxy.
- Support assigned and free mode two stage dialing
- Supports (50) LAN to MOBILE and MOBILE to LAN routes
- Voice response for setting configuration parameters and status (dial in from mobile)
- Standard SIP (RFC2543,RFC3261) protocol for interoperability with other gateways or PC's
- Supports standard VoIP Codecs : G.711 u-Law ,G.711 a-Law, G.729A and G.729A/B
- Receive and Send SMS messages (CDMA version not supported)
- SMS functionality compatible with standard AT commands for 3rd party software or program control
- Supports Call Back with SMS messages
- All functions are programmable from a standard web browser



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Also available in a 2 port
PCI computer board

Specifications

Protocols:

SIP (RFC2543,RFC3261)

TCP/IP: IP/TCP/UDP/RTP/RTCP/
CMP/ARP/RARP/SNTP
DHCP/DNS Client
IEEE802.1P/Q,ToS/DiffServ
NAT Traversal, STUN, uPnP, IP Assignment, Static IP, DHCP, PPPoE

Codecs: G.711 u-Law,G.711 a-Law,G.729A,G.729A/B

Voice Quality: VAD, CNG, AEC, LEC, Packet loss

Frequency:

Quad Band: 900/1800/1900/850MHZ

3G/UMTS: Version for all of world and Japan (SoftBank Mobile/Docomo)

3G:EDGE/GPRS 850, 900, 1800, 1900 MHz / HSDPA/UMTS 850, 1900, 2100 MHz

CDMA 2000(800/1900MHZ)

**Please note most CDMA operators do not offer polarity reversal. When doing VoIP to Mobile the MV-37x series will connect immediately and the CDMA operator will start billing before your calls start. It does not wait for the mobile side to answer.

***CDMA version doesn't support SMS Feature and SIP 180/183 unavailable.

