

*The best way to
connect offices'
telephone
networks*

**Extends the functionality of
the corporate VoIP solutions
to remote office locations**

**Integrates with your IP
routing solution**

**Perfect solution for
connecting remote office
internal phone networks**

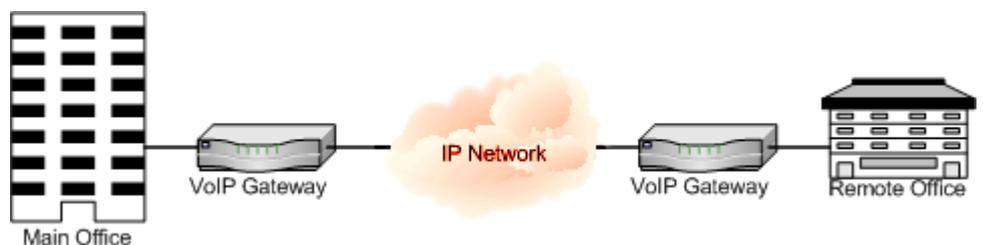
**Easy installation -
IP Telephony is used upon
existing IP network**

**Configuration can be
changed fast and at any time**

IP Telephony

MikroTik RouterOS IP telephony feature allows companies to get more benefits out of a single IP infrastructure by placing telephony calls over IP networks instead of public switched telephone networks (PSTN). *MikroTik RouterOS* enables connection between offices, so the personal can communicate. IP Telephony provides free internal calls; telephones can be moved between offices without the time and expense of re-cabling or reconfiguration. All of the improvements are transparent to callers and don't compromise the user's experience. IP Telephony enables the company to reclaim precious office space from telecommunications cabling and systems hardware.

MikroTik's flexible, scalable and robust solutions combine the most advanced VoIP and Server-based technology available to reduce line charges, network costs. Connect any number of offices through the internet, and have the freedom of communication across the globe - no more giant phonebills.



Applications

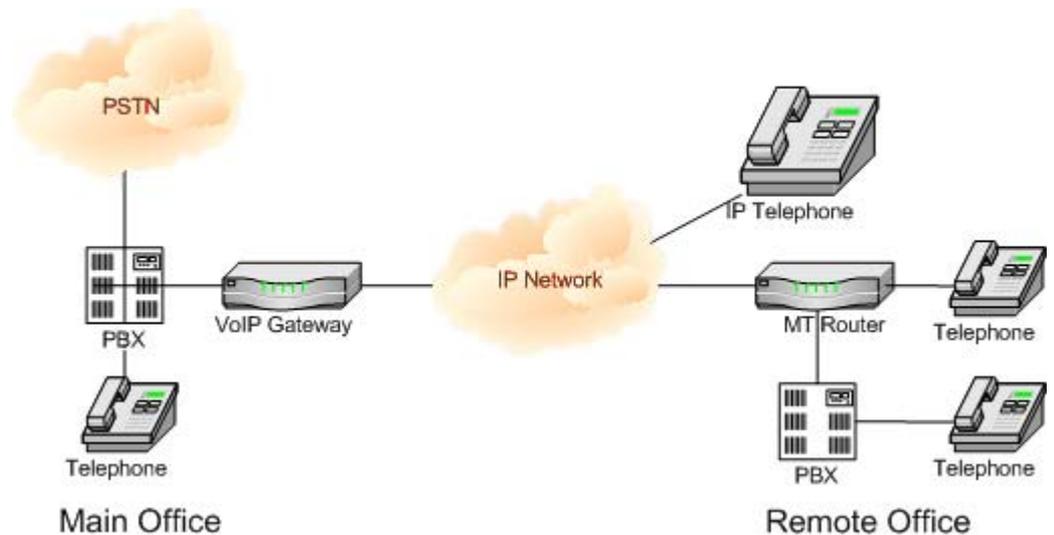
- MikroTik RouterOS IP Telephony extending analog or digital (ISDN) telephone line to remote location over the IP network.
- Interconnecting PBXes over the IP Network

Solutions

- VoIP H. 323 vH Gateway - connected to a PBX or PSTN telephone line, the *MikroTik* router acts as a gateway between the PSTN and the VoIP networks.
- IP Telephone System - connected to an analog telephone, the *MikroTik* router acts as an IP Telephone

Enables new features,
services and
capabilities

Best solution for long
distances and long
lasting calls



Specifications:

CODECs	G.711 - the 64 kb/s G.723.1 - the 6.3 kbps GSM-06.10 - the 13.2 kb/s LPC-10 - the 2.5 kb/s G.729, G.729a - the 8 kb/s G.728 - 16 kb/s
Gatekeeper support	Client for gatekeeper, Internal gatekeeper function
Regional settings	Adjust the voice port parameters to match your telephone line/PBX
Echo cancellation	Automatic; Hardware or Software
Configuration	Telnet, SSH, Winbox
Additional features	Automatic Gain Control Playback Volume

System Requirements:

The **MikroTik RouterOS** IP Telephony feature enables Voice over IP (VoIP) communications using routers equipped with one of the following voice port hardware:

- Quicknet LineJACK or PhoneJACK - one line analog telephony cards
- Voicetronix OpenLine4 - four line analog telephone lines cards
- Zaptel Wildcard X.100P - one line analog card

For ordering information, contact sales@mikrotik.com

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