



Product description

MediaProxy is a far-end NAT traversal solution for SIP Express Router.

By using Traversal Using Relay NAT protocol (TURN), MediaProxy behaves like a media relay allowing audio and video IP traffic (RTP media streams) to bypass broadband routers without setting up devices at customer premises

MediaProxy employs a revolutionary concept that allows selection of the NAT traversal location by using DNS SRV records. This solution makes use of existing standards of DNS technology to distribute the load of the media streams to the right server.

This concept is a natural extension of the SIP signaling model which is also using SRV records to locate the SIP Proxy or SIP Registrar for a given domain.

MediaProxy complements the accounting features of SIP Express Router. When used in combination with CDRTTool mediation it guarantees 100% accurate accounting of VoIP sessions regardless of the presence of BYE message.

Features

- Load balancing and redundancy
- Support for DNS SRV records
- Support for audio and video
- Support for dynamic addition of multiple streams
- Support for call hold/unhold
- Operating system independent
- Accounting of network traffic, codec, application type and SIP User agents

Is MediaProxy for you?

MediaProxy far-end NAT traversal solution provides the answer for the growing demand of long distance Voice over IP. VoIP demands reliable accounting, new billing models and plug and play communication for end-users.

Do you use SIP Express Router?

If the answer is yes, Media Proxy is the ideal complement to provide customers access to VoIP without having to configure broadband routers at their premises.

Customers on different continents?

End-users located on remote locations may experience low quality should voice traffic pass through a far away MediaProxy. MediaProxy can be installed at different locations close to customer premises and selected by the SIP Proxy accordingly.

Application based rating

MediaProxy is able to generate Call Detail Records containing bandwidth utilization information and link it with the call duration, application, codec type and destination of each SIP call.

MediaProxy gives you the freedom to build new billing models based on combinations of destination, application, duration and bandwidth.

Deployment scenarios

Hosted NAT traversal: MediaProxy is cost effective when used in a hosted environment. There is no need for expensive hardware or software investment.

Dedicated NAT traversal: MediaProxy can be installed at multiple locations. Traffic may be load-balanced between multiple sites providing a high-availability infrastructure.