

SIP Internet telephony is popular among companies of all sizes and allows for significant savings on communication expenses. Especially when the business involves mass calling and consulting (call centers), or frequent negotiations over the phone.

Despite the fact that SIP telephony is often perceived as a competitor to more traditional telecommunication operators, MNOs can also provide services like these to clients.

This provides the following advantages:

- These clients are able to use the real numbers of MNOs to receive and/or make SIP calls
- Better call communication quality for subscribers of the same MNO, compared with the use of third-party SIP services
- Support for a single billing plan for SIP and cellular telephony clients, which can be useful for corporate clients

## Key features

- Authentication and registration of SIP clients
- Receiving and making calls both to clients of the same PBX, and to any external subscribers
- SIP Messaging:
  - from external SIP clients to PBX subscribers
  - from PBX subscribers to external SIP clients
  - between PBX subscribers
- DTMF support (recognition, playback, delete, DTMF Relay)
- Bulk calling management:
  - A pool of numbers is allocated to a client that are substituted for the number A when making outgoing calls
  - The SIP client from which a call is made, and the called number, are selected automatically
  - The subscriber status of B (online, busy, unavailable) is determined before dialing to optimize the order of calls
- Client's personal cabinet:
  - Setting up groups of numbers
  - Setting up black and white lists
  - Setting up routing rules for the incoming calls of PBX clients
  - Setting up forwarding rules between SIP clients of the same PBX client
  - Listening to records of conversations
  - Viewing active sessions
  - Viewing statistics and details of received services
  - Configuring and initiating bulk calling
- Restrictions for clients:
  - Maximum number of simultaneous sessions
  - Maximum amount of traffic (minutes per day)
  - Other restrictions according to MNO preferences
- Sending Email notifications to clients on the amount of used traffic
- CDR formation
- Separate APIs for MNOs and clients

## Benefits & advantages

- All routing rules are configured by clients in the web interface (knowledge of scripting languages is not required)
- The platform can record conversations if voice traffic is processed through it (operation in RTP)

Proxy mode). Recorded conversations can be saved:

- For all calls of client
- Only for calls of specified SIP clients
- Support for easy obtaining of the SIP traffic dump by a specific client
- Support for NAT operation

## Integration scheme

