snom 4S SIP Media Server

Datasheet Version 2.0

4S

Key Features

- **RFC3261 Compliant Software Solution**
- **Mailbox, MWI**
- **Music On Hold**
- **Conference Server**
- **Auto Attendant**
- **In-band and Out-of-Band DTMF**
- **Web-Based configuration**
- **Available for Microsoft Windows 2000, XP and Linux**
- **Entry Level, SME and Professional Edition**
- **XML Support**
- **Transcoding**

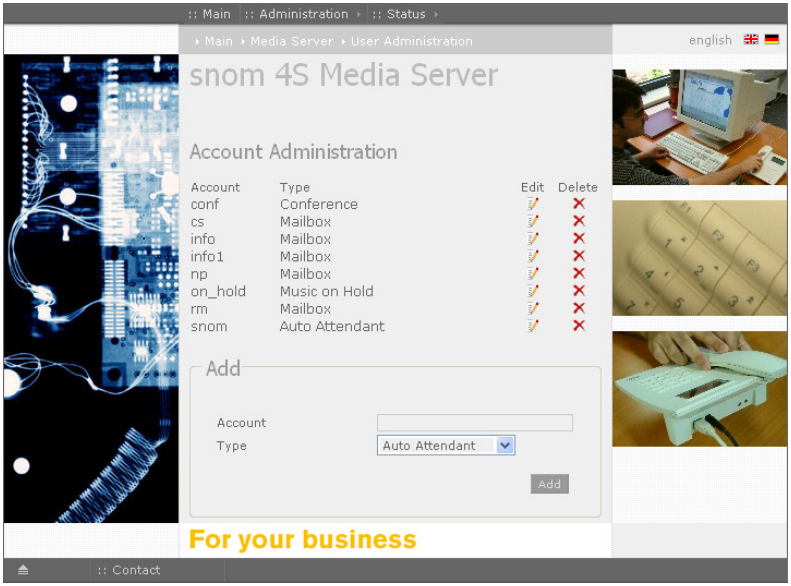
snom VoIP phones

The snom 4S media server is a turnkey solution for handling media in SIP environments. Using the SIP protocol the media server can be used with software solutions like Microsoft Messenger or with a variety of hard phones like the snom 100 and 200. The media server can be used with the snom 4S SIP Proxy/ Registrar as well as with other SIP proxies, registrars and location servers.

It is able to play and record audio, to react on user input and to control the calls. It's behavior is controlled with XML files which make it a flexible solution to a wide range of requirements.

The mailbox subsystem is able to welcome callers with different standard and customized messages which can be set up by the users of the mailbox. Upon receiption of new messages, the mailbox sends message waiting indications to predefined destinations or to users agents that subscribed to these notifications. New messages can be forwarded to POP3 email accounts.

The music on hold server can be used to entertain waiting users. USers may select their music with DTMF. The music can be set up with standard WAV-files.



The conference server can mix multiple conferences with multiple participants. It is possible to set up password protected conference accounts. The conference server is able to mix conferences with mixed codecs.

The auto attendant welcomes callers with a customized message and redirects calls to predefined destinations or to externsions that can be entered with DTMF.

The built-in webserver makes setup and maintenance of the media server easy from any location around the world.

The media server detects both inband and out of band DTMF (RFC2833). Callers can use different codecs like G.711 and GSM (G.729A in preparation). GSM 6.10 is important when Microsoft Messenger is to be used. The codec preferences can be set up with the built-in webserver.

Because of its real-time nature, the media server needs to be run on a responsive server that has no significant other load. Both Windows and Linux operating systems based on Intel 386 compatible CPUs are supported.

Experienced users can extend the functionality of the media server by recording new WAV audio files and by setting up own account types in XML files. This way functions like wake up services and calling card can be implemented.

Using the media server together with a forking proxy like the snom 4S Proxy/ Registrar, call distribution can be easily implemented.

The media server can be used in a server farm for maximum scalability. It supports DNS SRV, loose routing and TCP transport layer for maximum compatibility with other SIP components.

Feature	Entry	SME	Xperienced
Number of Accounts	10	50	500
Mailbox	•	•	•
Music on Hold	•	•	•
Error-Explanation	•	•	•
Auto-Attendant		•	•
Conference Bridge		•	•
Low-Rate Codec Support		•	•
XML Setup			•
Microsoft Messenger Compatibility	•	•	•
TCP Transport Layer	•	•	•
Scripting Management Interface			•

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