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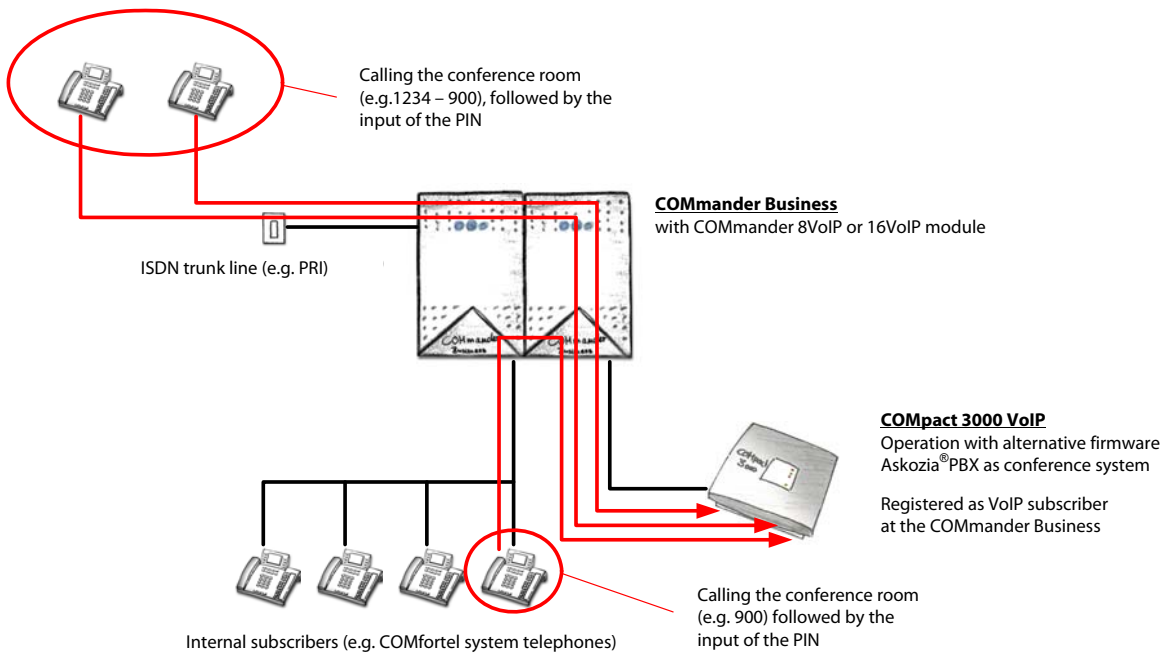
COMpact 3000 VoIP as conferencing system for Auerswald PBX systems

Professional conferencing system with COMpact 3000 VoIP and Askozia®PBX

The COMpact 3000 VoIP can do more

Certainly, the primary purpose of the COMpact 3000 VoIP is as a „PBX system“. But it can do more than this. In conjunction with the alternative firmware Askozia®PBX, a special Asterisk distribution, it is possible also to create a professional conferencing system for the connection to existing PBX systems.

The COMpact 3000 VoIP with Askozia®PBX provides so called “conference rooms” for this purpose. Each room gets an individual number to reach it. Upon request more than one room can be configured each protected by an individual PIN.



Based on a COMpact 3000 VoIP (incl. Askozia®PBX) and a COMmander Business the scenario will be described in brief. Instead of the COMmander Business almost any PBX system could be used. It only has to provide internal SIP subscribers and a sufficient number of VoIP channels.

Settings in the COMmander Business:

1. In the COMmander Business an internal VoIP subscriber (*COMset->Internal numbers->Subscriber (scr.)->Telephone numbers*) must be generated for each conference participant (e.g. from 901 to 908 for 8 conference participants).
2. To be able to publish just one number to all conference participants, the internal VoIP subscribers are bundled in a group (e.g. 900). This number can be called from external (e.g. using the one-by-one call distribution of a point-to-point connection) and from internal.

Settings in the Askozia®PBX (COMpact 3000 VoIP):

1. The COMpact 3000 VoIP is started with a specially prepared SD card containing the Askozia®PBX.
2. First the network settings, such as DHCP client or manual IP address, must be adapted (*System->Interfaces->Network*).
3. Corresponding to internal subscribers 901 to 908 of the COMmander Business matching external VoIP accounts (*Accounts->Providers*) must be configured, each with the target *<2663, Conference>*.
4. To make access to the conference room available for authorised callers only a PIN query can be activated upon request (*Services->Conferencing*).

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When a call comes in via the trunk line (1234 – 900) or internally (900) the conference room of the Askozia®PBX will take the call. Each caller will get a short announcement that he is entering the conference room, if applicable with the request to enter the PIN. The first caller will hear music on hold until the second caller has entered the conference room.

What is needed?

- COMpact 3000 VoIP
- Prepared SD card with Askozia®PBX (<http://www.askozia.com>)
- Depending on the PBX system used, VoIP expansions might become necessary (e.g. COMpact or COMmander VoIP modules)

Are there limitations?

Theoretically it is possible to set up any number of conference rooms and VoIP trunk lines with the Askozia®PBX. How many conferences or conference participants are possible in reality is depending on the CPU load of the COMpact 3000 VoIP. The current value can be displayed in the web interface of the Askozia®PBX (*Live Stats->CPU Load*). The following factors have a limiting effect:

- The number of simultaneous conference participants (the total of participants per conference room)
- The number of simultaneously speaking conference participants
- The audio codecs (transcoding of e.g. G.711 to GSM needs more CPU power)
- Parallel use of the internal ISDN and analog subscribers of the Askozia®PBX