C3000
Conference bridge

Administration Provisionning

API Specific developments

PSTN

IP

Public and IP networks

Fig. 1: Environment of the C3000

Overview

The C3000 is an audio and video conferencing bridge over IP enabling to connect various participants in various virtual meeting rooms opened, on demand or preprogrammed.

The C3000 handles traditional videophones and room terminals but also numerous ranges of video softphones on PC, Mac and smartphones (Android and iOS) allowing a big mobility of the service and a strong availability of it.

Advantages of the solution

• **An advanced management**: Via access rights to the conferences and through a chairman who can control the participants (micro and image, invitation, etc).

• **An easy deployment**: The conferencing bridge can be implemented on the existing IP infrastructures (software server easily deployed and evolutive in capacities with the software licensing).

• **A flexible use**: The video commutation on the current speaker is done via voice detection, the virtual rooms can be booked with the management of the agenda and the conflicts and the conferences can be programmed in a periodic way or not.

• **Advanced functionalities**: Audio communications can be recorded, the participants can exchange data during the conferences and commute between the audio and video flows or audio only.

• **A flexible use**: The conferencing bridge takes in charge many terminals of the market; fixed, mobile and video phones, grouping systems and rooms, softphones (PC, Mac, Android and iOS smartphones).

• **A customized commutation by the API**: The driving by the Java/C++ API enables an infinity of configurations where the participants are joined in a controlled and asymmetric way. Therefore some participants can only listen to specific ones with a precise management of the media data such as voice detection, outpul level.

Functionalities of the solution

Advanced functionalities

- Booking of virtuals rooms with the agenda and conflicts management
- Conferences periodically programmed or not
- Management of the access rights to the conferences by the DTMF code
- Chairmen management who can control the participants
- Annoucement/music on hold customized per channel
- Display of customized audio files
- Output level per channel
- Conferences distributed in multicast
- Voice detection for the commutation of the video flow on the current speaker
- Bidirectional joining or not, driven by the API
- Audio recording of the conferences
- Web administration

Technical characteristics

- Signal: H323 and SIP
- Codecs G711 Alaw, Ulaw, H263/CIF and H264 (G729, iLBC, transcoding in option)
- Number of channels: 2 to 1000 according to the platform
- Conferences: Meet-me, Ad'hoc, AutoDial, Programmed
- API Languages: C++, Java
- Administration: HTTPv2 and HTTPS

To order

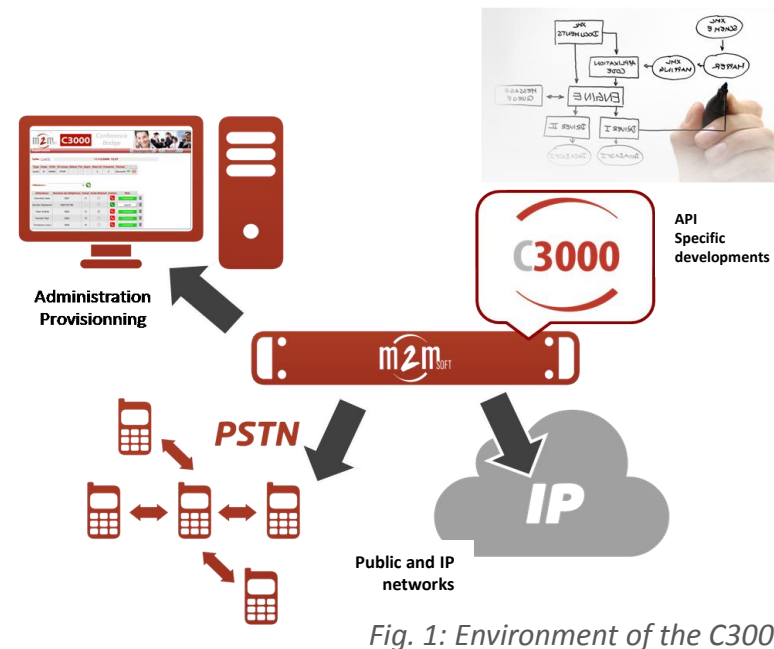Contact the sales department of M2Msoft at 0820 200 263 or via sales@m2msoft.com.