

**Ensembler™ - A Conferencing Solution**

**By**

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## Introduction

**Ensembler™** - a conferencing solution, is developed on an open platform. It is an easy way of doing conferencing with various controls. A moderator is defined as a person who has subscribed to this conference service and a participant is defined as a person who has not subscribed to the service but is attending a conference. The moderator will have access to control all attributes of participant's connection (These attributes are listed later.) Participant can join in an ongoing conference anytime, but the moderator has to allow him to join. Both dial out and dial-in conferencing is possible using **Ensembler™**. If the moderator disconnects himself from the conference, then the ongoing conference automatically ends.

It is capable of multiple conferences simultaneously and can have up to 16 participants at one time.

The following Limits can be set for a conference:

- Maximum time a conference can continue
- Maximum number of conferences
- Maximum number of participants
- Dial out allowed or not
- International dialing allowed or not

The conference can be using Interactive Voice Response (IVR).

### 1.1 Conference Using IVR

- The moderator dials a given number (say 1808) and logs in.
- As soon as the moderator logs in, the moderator listens to all the waiting participants for himself.
- The Participant dials a given number (say 1800) and waits for the conference to be started by the moderator. If the moderator is already in the system, then it immediately notifies the moderator.

- Then moderator allows or does not allow joining the conference. In addition the moderator can enter telephone numbers to be dialed by the system and join them into the conference.
- If the conference is already started, a participant can dial in and join the conference.

### 1.2 Control features available to Moderator

Sno	Feature	IVR
1	Login	<input checked="" type="checkbox"/>
2	Add participants	<input checked="" type="checkbox"/>
3	Start conference	<input checked="" type="checkbox"/>
4	Add participants to conference	<input checked="" type="checkbox"/>
5	Remove participants from conference	<input checked="" type="checkbox"/>
6	Conference lock	<input checked="" type="checkbox"/>
7	Line mute	<input checked="" type="checkbox"/>
8	Volume adjustment**	<input checked="" type="checkbox"/>
9	Coaching***	<input checked="" type="checkbox"/>
10	Lecture mode****	<input checked="" type="checkbox"/>
11	End Conference	<input checked="" type="checkbox"/>

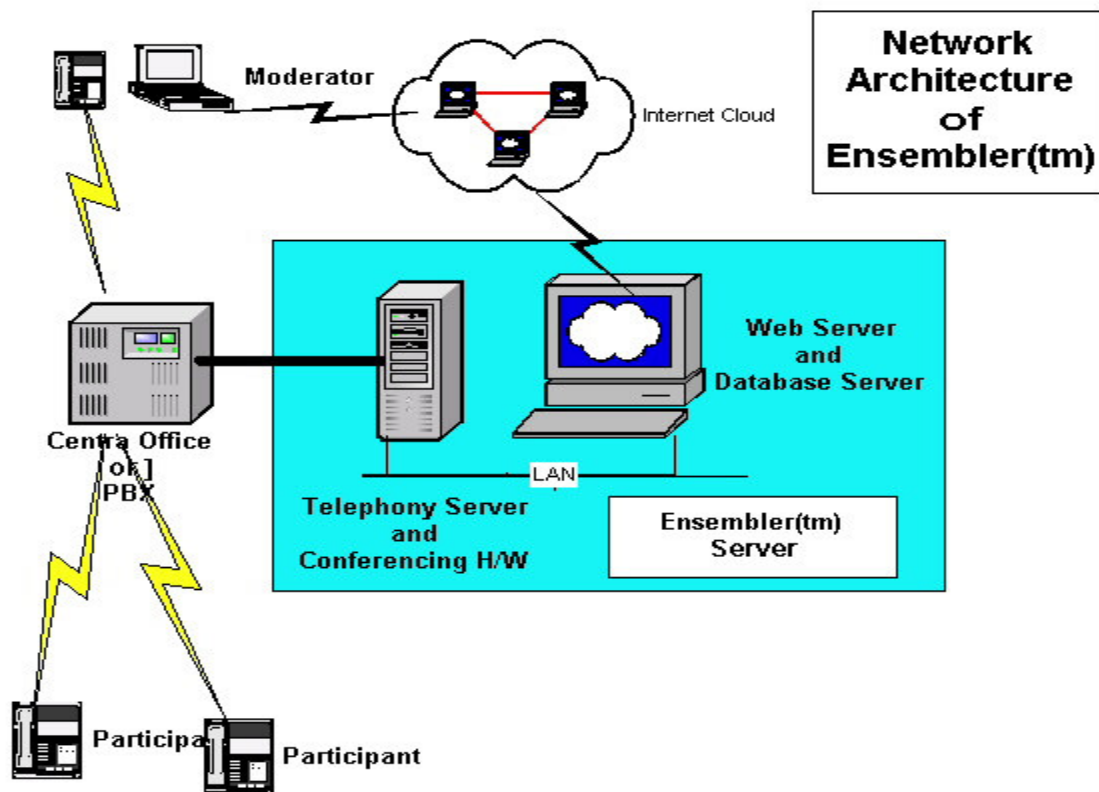
Notes:

\*\* Volume adjustment has to be done by individual participants through the instrument only. This is a board parameter and has to be set at the beginning when the application is started. During the conference, if any participant wants to adjust their volume, they can press keys to do so. By default, these keys are 2 for increase, 8 for decrease and 5 for default. These key definitions can be changed in the configuration file.

\*\*\* Coaching is between 2 people always. Between the moderator and any of the participants. Only one coaching session can be happening in a conference at any given time.

\*\*\*\* Lecture mode is for the entire conference. The moderator will speak and the rest of the participants will listen.

## 2. Network Architecture



### 3. Proposed Solution

The proposed solution for the following requirements using Ensembler™ are described in the subsequent sections:

- a) **Meet Me Conference:** The participant decides on a particular time for starting the conference. At the designated time, all participants dial the assigned number and each individual joins the conference. If any participant wants to leave the conference he has to hang up.
- b) **Progressive Add on:** In this type of conference, each member is added as required to an ongoing conference.
- c) **Conference Release:** An authorized user can release participants from the conference.
- d) **Preset Conference:** Each preset conference has its own unique dial no. When this group no. is dialed, all number stations will ring simultaneously. As members join the conference, all active members will hear a warning tone indicating that another participant has entered the conference. Stations that go unanswered will continue ringing without distributing the conference until the ring time out is completed.

#### 3.1 Solution to Meet Me Conference

This is already available in Ensembler™ with customization. There would be a participant called 'Moderator'. All the dialed in participants will be waiting and hearing hold music till the moderator dials in add the participants into conference.

#### 3.2 Solution to Progressive Add On

This is already available in Ensembler™.

#### 3.3 Solution to Conference Release

This is already available in Ensembler™. The moderator can only release the participant.

#### 3.4 Solution to Preset Conference

This is available in Ensembler™ with customization. Currently there is no pre-defined grouping. Each time the moderator has to enter the list of dialing numbers. Then the server simultaneously dials and adds the participants in to the conference.

The customization is possible to define a predefined group of telephone numbers for a Moderator. Moderator can initiate the conference by indicating the group.



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To Whom it May Concern:

Ref: CTI solutions from Alliance Infotech.

Sir,

M/s Alliance Infotech Pvt Ltd is Intel Dialogic partner and developing & integrating Computer Telephony Applications based on the Dialogic building Blocs. They have developed applications, which are deployed at different client sites in service provider environment.

We looking forward with your organization to look for CTI solutions based on technology from Intel & Alliance Infotech.

Warm Rgds

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