CoCon software
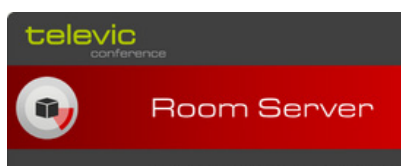
Description

Cocon is a software suite for conference management and assistance. It is connected to a central conference unit that controls a number of microphones and other conference equipmen. (e.g. voting panels, camera control …).

CoCon interacts with the central conference unit to enable various functionalities and views on the conference.

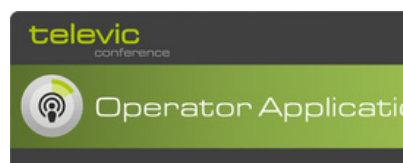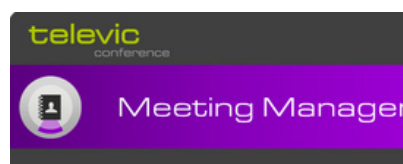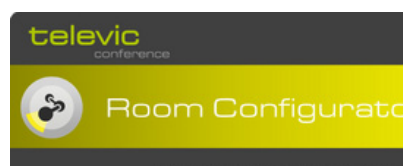Hence the architecture is built as a client-server framework.

Client application

Currently, the following types of client applications are available:

Room configurator: this is the application where the room synoptic is created, where the microphones are allocated to the seats etc.

Meeting Manager: in this application, it is possible to create a meeting up front and specify its details. Additionally, a database with all delegate information can be accessed and edited.

Operator Application: this is the application that is used during a meeting by a chairman or operator. It allows monitoring and steering the microphone activity and other conference settings.

Server application

The server application is responsible for the communication with the central conference unit and is hence typically installed on a machine located in a server room. In that way, it enjoys the same power advantages as the central unit itself.

The server application allows connection to any type of central conference unit and keeps track of the conference activity. Next to that, it makes connection to a database which allows to store and load data pertaining to the conference.

Server application: Room server

The room server is the application which is responsible for the following functionalities:

- Connection with the central conference unit or WCAP+.

- Connection either via RS232 or via TCP/IP Ethernet connection.

- Database connectivity.

- The component to which the various client aplications connect.
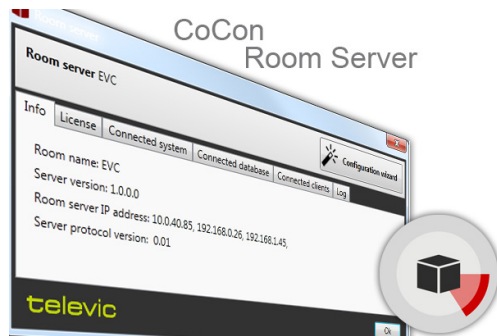
Client application: Room Configurator

A synoptic is a set of room graphics. It can contain microphones, background image… The room configurator is used to create and edit the room synoptic.

- Automatic and manual microphone initialization.

- Synoptic room layout: the software provides a full editor to create a screen that replicates the layout of the room and represents the physical position of all microphone.

- Designation of chairman/delegate.

- Placing of the conference unit on the synoptic.

Client application: Meeting manager

The meeting manager software allows the creation of a database containing all relevant information related to the participants or meeting in a conference.

- Creating a meeting, including the title, time, conference settings...

- Creation of a delegate database.

- Importing delegate list from TMS.

- Defining timers for various concepts in the meeting (global or indivdual delegate speech time, group speech time, agenda item time, meeting time...).

- Detailed information per delegate.

- Linking to political party or group.

- Assign delegates to microphones.

- Search function.

- Creation of an agenda item (discussion , voting or lecturer).

- Preparing a agenda item offline.

- Moving agenda points.

Client application: Operator application

This is the application that is used to control and operate the meetings. Here, the user can view and manipulate microphone activity, have a clear view on the meeting synoptic and define the interaction of the delegates.

- Microphone activaton control via the synoptic layout, microphone number list or delegate name (with the meeting manager).

- Controlling the conference mode settings.

- Speech time managment.

- Creation of a meeting.

- Start/Stop or pause a meeting.

System requirements

Hardware requirements

Server application:

- Processor: 2GHz or higher.

- RAM: minimum 4GB.

- Free disk space: minimum 10GB.

- Network connectivity.

Client applications:

- Processer: Intel dual-core 2GHz or higher.

- RAM: Minimum 2 GB.

- Recommended graphical hardware supporting DirectX9.0 or better.

- Free disk space: Minimum 10 GB.

- Network connectivity.

Software requirements

- Windows XP SP3 .

- Windows Server 2003 SP2 .

- Windows Vista SP1 or later.

- Windows Server 2008 (not supported on Server Core Role).

- Windows 7.

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