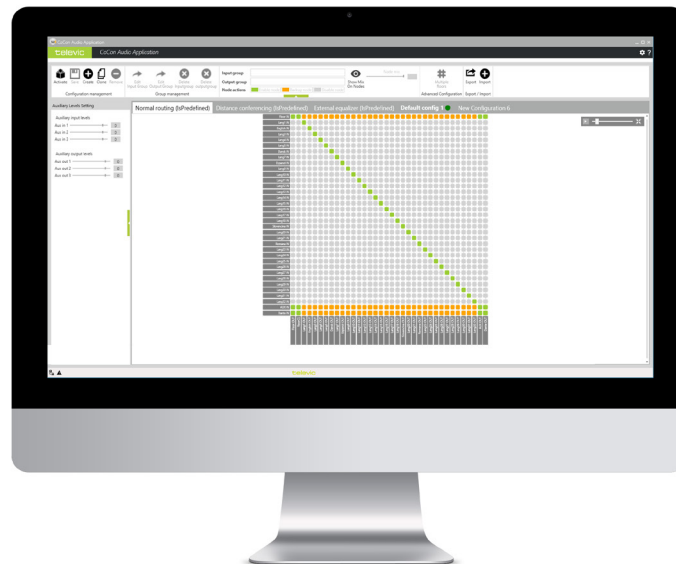


# CoCon Audio Routing



## Description

CoCon is a software suite for conference management & assistance, that opens up a host of options and configuration setting to control every aspect of the meeting experience.

CoCon is connected to a central conference unit that controls a number of microphones and other conference equipment. The software interacts with the central conference unit to enable various functionalities and views on the conference. That is why CoCon is conceived as a client-server framework.

The CoCon Discussion Module serves as the base of the suite and is needed to run other plugin modules.

### CoCon Audio Routing [Client-side]

CoCon Routing allows you to configure the audio routing options. It provides a detailed and effortless configuration of inputs and outputs, visualized by a matrix.

It includes the following options:

- » Creating groups of audio input and output components (microphones, auxiliary input/output, Dante input/output etc.)
- » Visualizing the various routing groups as a matrix
- » Controlling the audio routing matrix
- » Configuration of interpreter channels to external channels

All of the audio settings at any one time are defined as an audio configuration. This includes the following:

- » A set of audio routing input groups
- » A set of audio routing output groups
- » A matrix resulting from the previous two datasets, and the settings of this matrix.

## Features

- » Endless options for input & output
- » Convenient visualization
- » Grouping & configuration options

# System Requirements

## Hardware Requirements

### Room Server:

- » Processor: Intel i5-10500E 3.1 GHz / i7 processor
- » RAM: minimum 8 GB is required as the PC contains many other apps and programs; If the room contains more than 200 units, 16 GB RAM is required for the Room Server PC
- » Free disk space: minimum 10 GB
- » Network connectivity: at least 100 MB/s

### Client Applications:

- » Processor: Intel® i3 2 GHz or higher
- » RAM: Minimum 4 GB
- » Recommended graphical hardware supporting DirectX 9.0 or better
- » Free disk space: Minimum 10 GB
- » Network connectivity: at least 100 MB/s

Note: When running multiple client applications on the same PC, at least 2 GB per client is required.

## Network requirements for Central Units connecting over TCP/IP:

- » Available bandwidth of at least 100 Mb/s for each CoCon Room Server/Central Unit connection
- » Available bandwidth of at least 100 Mb/s for each CoCon Room Server/Client connection

## Switch requirements:

- » Bandwidth (switching capacity): at least 16 Gbp
- » Packet buffer RAM: 512 KBytes per device
- » Filtering address table: 8K MAC addresses per device

## Software Requirements:

- » Windows 10 Pro or Windows 11 Pro (en-US) installed with English international language

Each PC installed with a CoCon component (any server or client application) requires the .Net Framework 4.6.2. This will be installed automatically when CoCon is being installed.