

# Plixus Redundancy



## Description

CoCon is a software suite for conference management & assistance, that opens up a host of options and configuration settings 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.

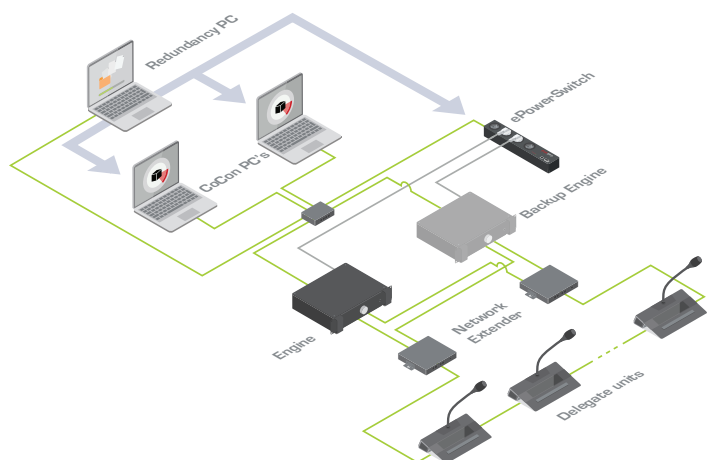
## Plixus Redundancy

The application automatically takes over the Plixus engine or the CoCon Room server in case of malfunction.

Plixus Redundancy is an application that resides on a separate server, to monitor the CoCon Room Server PC and the Plixus Engine. A backup PC with the CoCon Room Server and/or a backup Plixus Engine is needed to guarantee a successful switchover.

The Plixus Redundancy application ensures that your system keeps running when the CoCon Room server or the Plixus

engine would malfunction. The application automatically takes over the Plixus engine or the CoCon Room server, in case one of these would become inactive. The Redundancy application controls the engines by means of an ePowerSwitch.



Plixus Redundancy includes the following options:

- » Offer redundancy for both a CoCon Roomserver and a Plixus Engine
- » Offer redundancy for a Plixus Engine only
- » Offer redundancy for a CoCon Roomserver only

## Features

- » Windows service application with web based user interface
- » Control up to two computers (running CoCon)
- » Control up to two Plixus engines
- » Control by means of an ePower switch
- » Email notifications in case of events
- » Automatic take-over of backup Plixus Engine within 3 minutes.
- » Take-over of backup CoCon Room Server (meeting can be restarted without changing connection to CoCon Room Server)

*Meeting data is not cached (e.g. active microphones will be cleared) as there is no continuous synchronization*

## 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

### 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.

### ePower Switch Requirements:

- » ePowerSwitch 4