

Televic Education

How to use coupled rooms in interpreterQ



interpreterQ
Reliable interaction.

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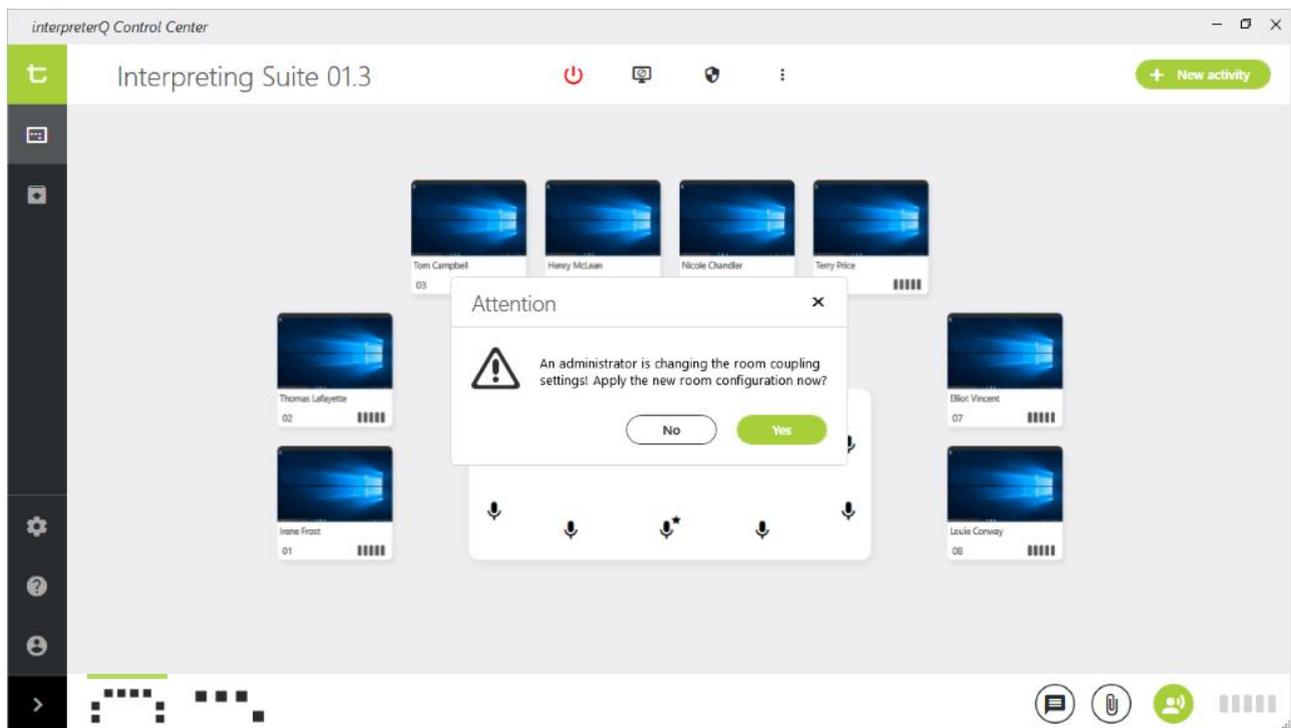
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1 How to use coupled rooms

1.1 About

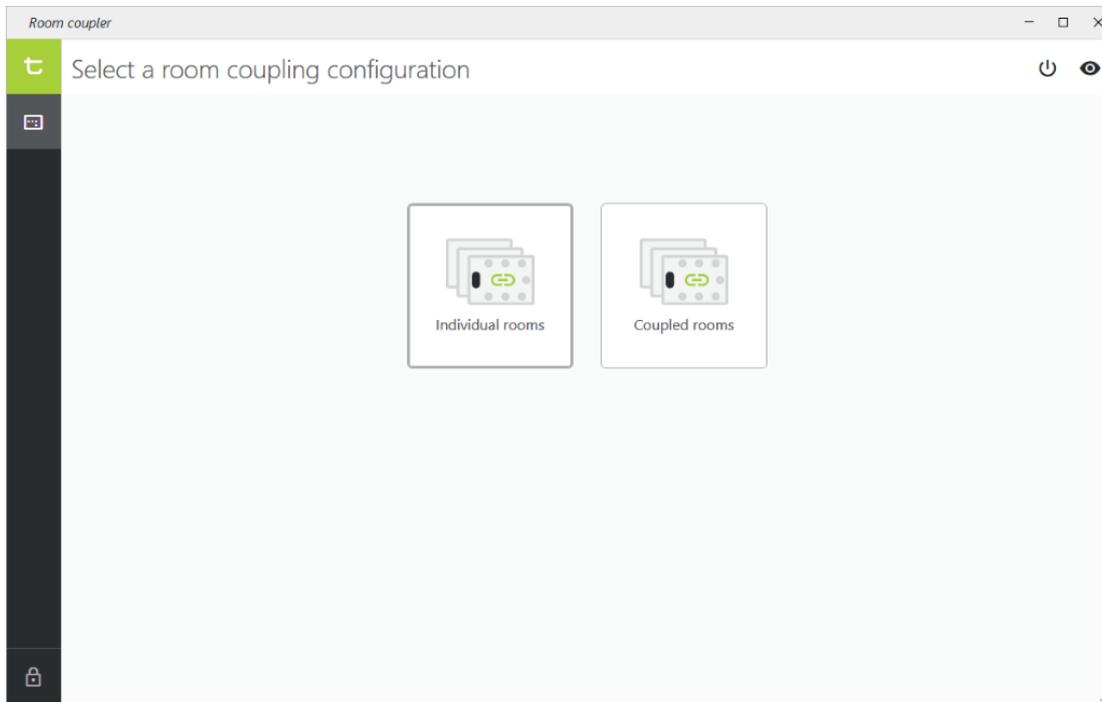
When multiple rooms have the interpreterQ training system installed, the installation can be configured to use room coupling. Several room coupling configurations can be created. Depending on the active configuration the different rooms can be used independently or some rooms can be coupled so that you can teach students in different rooms, almost as if they are present in the same room. When an administrator has created the necessary room coupling configurations, you can select one of the supported room coupling scenario's with the click of a button.

Remark: it is important to know that selecting a room coupling configuration can have an impact on all interpreter training rooms. Before using the RoomCoupler application, make sure that there are no classes ongoing, and that all Interpreter Control Center applications are shut down. If you would select a room coupling configuration while an ICC is still in use, the teacher in that room will get interrupted with a popup, and ongoing recording activities will get interrupted:



1.2 Selecting a room coupling configuration

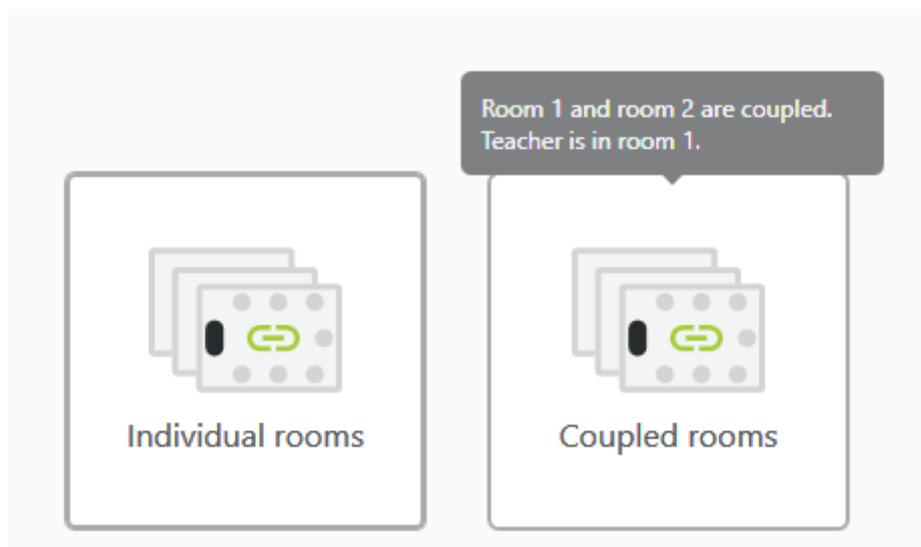
Launch the RoomCoupler application. Click one of the room coupling configuration buttons in order to activate it. Again, first make sure that none of the interpreter training rooms is currently in use.



The screenshot above shows an example of a 2-room setup with 2 available coupling setups:

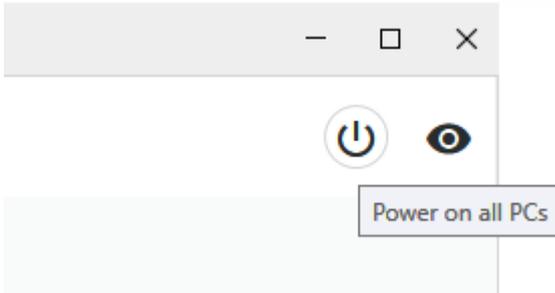
- “Individual rooms”: the 2 rooms can be used independently by 2 teachers at the same time.
- “Coupled rooms”: one teacher can use both rooms linked to each other. In the Interpreter Control Center he can monitor students in both rooms and work with them as if they were all sitting in the same room.

Hover over each of the buttons to see a description of the different configurations:



1.3 Powering the booth PCs and teacher PCs

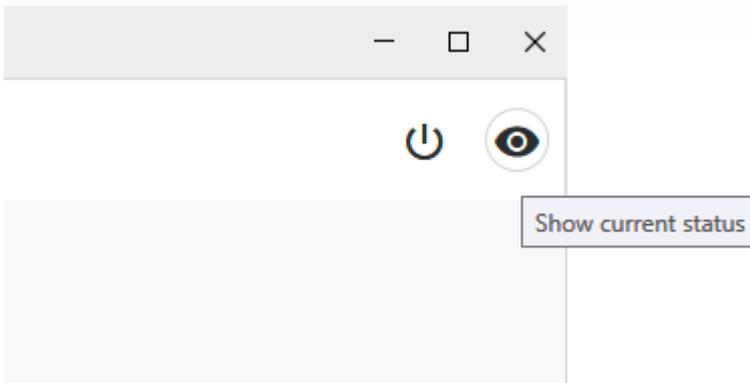
One of the settings which is influenced by the room coupling configuration is the routing of the different audio streams between the booth PCs and the Plexus Central Units. In order to correctly reconfigure those streams all booth PCs and teacher PCs need to be powered on. The PCs can be remotely powered on by clicking the Power button in the header bar:



It is good to power the PCs, then wait a few minutes, before applying a new room coupling configuration. In case some PCs are not booted during configuration no harm is done. Next time the Interpreter Control Center is started, it checks all necessary Dante routings, and if not yet correctly configured, it creates the correct Dante routings at that moment.

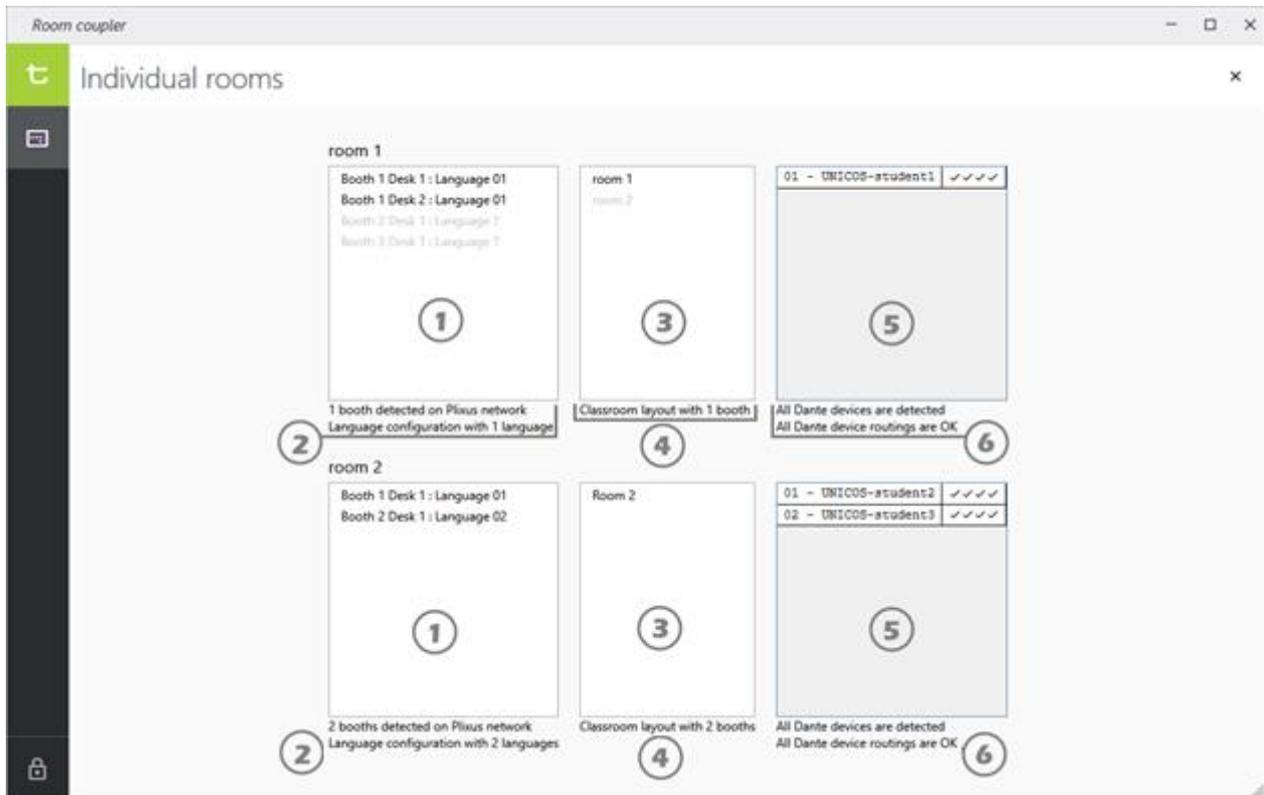
1.4 Inspecting the current status of the interpreter training system

If you only want to check the current status of the interpreter system, you can click the “Show current status” button. It will not interrupt anybody or change any system setting:



1.5 The status overview screen of the RoomCoupler

After selecting a room coupling configuration, or after clicking the “Show current status” button, the status overview screen opens. We will run through all available information on that screen using the example below. The screenshot shows a test setup with 2 rooms. Room 1 contains one dual booth, room 2 contains two single booths:



1.6 The interpreter desk list

This list shows all detected interpreter desks on each Plexus network. Depending on the room coupling configuration, some booths can appear in one or another room.

1.7 The booth and language count

Here you will notice if there would be an inconsistency between the number of detected booths and the number of configured languages. Depending on the room coupling configuration a different language setup may be automatically activated in order to match the changing number of booths in each room.

1.8 The classroom layout list

This list shows which classroom layouts are activated in each of the Interpreter Control Center applications. Depending on the room coupling configuration a certain room may appear in one or another ICC.

1.9 The booth count in the classroom layouts

The total number of booths in the activated classroom layouts is listed here for each room. It gives the opportunity to check if indeed the number of booths visible in Interpreter Control Center will match the number of booths connected to the Plexus network of each room.

1.10 The Dante device list

In this list all booth PCs of the rooms are shown, along with the status of their Dante routing. Four checkmarks mean that all routings between PC and Central Unit are correctly configured (each PC has a stereo stream to and from C.U., giving a total of four audio streams).

1.11 The Dante routing status

The number of detected Dante devices is compared with the number of booths in the active ICC classroom layouts. If the numbers don't match, or if an error in the Dante routing is detected, this is notified here.

Remember that all booth PCs need to be up and running in order to modify or verify the Dante routings. Errors will be shown if some PCs are not powered.

As an example, you can compare the screenshot above with the one below. The screenshot above shows a configuration where the 2 rooms are working independently. The screenshot below shows a different room coupling configuration, in which all 3 booths are connected to the Plexus network of room 1. A teacher in room 1 can use Interpreter Control Center to work with students in the 3 booths, the room layout of both rooms will be visible in the Interpreter Control Center. Also the Dante network is re-routed so that all booth PCs are connected to the Central Unit of room 1.

The screenshot shows the 'Room coupler' application window with the title 'Coupled rooms'. It displays a configuration for two rooms, 'room 1' and 'room 2', under the heading 'Coupled rooms'. Each room configuration is shown in a grid of three panels: a list of desks and languages, a classroom layout diagram, and a Dante device routing status table.

room 1

- Booth 1 Desk 1 : Language 01
- Booth 1 Desk 2 : Language 01
- Booth 2 Desk 1 : Language 02
- Booth 3 Desk 1 : Language 03

3 booths detected on Plexus network
Language configuration with 3 languages

Classroom layout with 3 booths
Layout changes are not yet applied in the ICC

01 - UNICOS-student1	✓✓✓✓
02 - UNICOS-student2	✓✓✓✓
03 - UNICOS-student3	✓✓✓✓

All Dante devices are detected
All Dante device routings are OK

[room 2]

- Booth 1 Desk 1 : Language 01
- Booth 2 Desk 1 : Language 02

no booths detected on Plexus network
Language configuration with 2 languages

Classroom layout contains no booths
Layout changes are not yet applied in the ICC

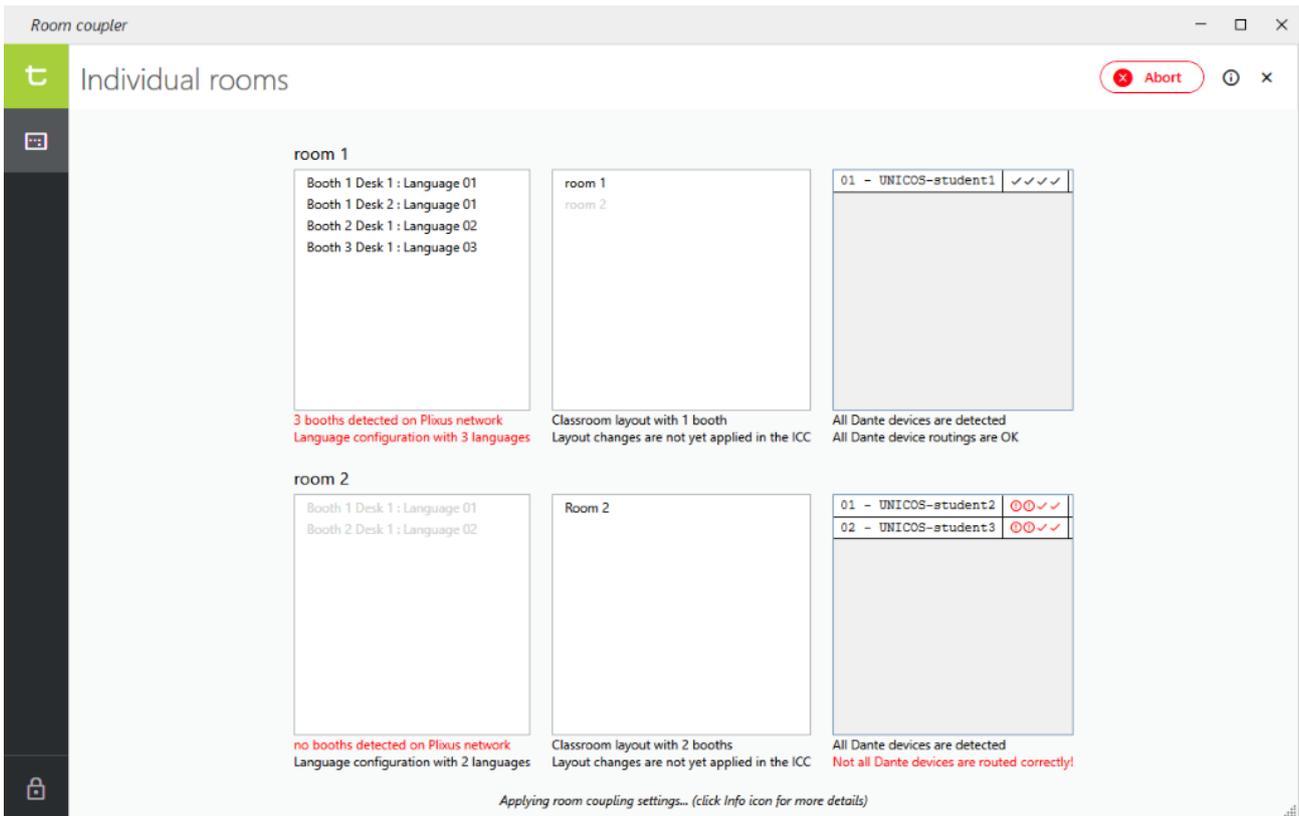
All Dante devices are detected
All Dante device routings are OK

Room coupling settings applied

The screenshot above is taken right after selecting the configuration for “Coupled rooms”. You will notice the remark “Layout changes are not yet applied in the ICC”. Indeed, the room coupler application specifies which classroom layouts will be visible in each ICC, but this change is only applied the moment that the ICC is launched.

1.12 Viewing the status of a configuration change

After clicking a room coupling configuration button, several steps are taken to sequentially change each of the elements in the interpreter training installation (Plixus network, ICC layouts, Dante routing, ...) You will temporarily notice different configuration status errors which will disappear one after the other as the configuration steps are taken:



During this configuration phase, you can click the info icon in the header bar to see more details about the status of the different configuration steps:

The screenshot displays the 'Room coupler' software interface. The main window is titled 'Individual rooms' and shows a grid of room configurations. On the left, there are two room configurations: 'room 1' and 'room 2'. 'room 1' lists three desks with language settings (01, 01, and ?). 'room 2' lists two desks with language settings (01 and 02). Below these, there are status indicators: '1 booth detected on Plixus network' and 'Language configuration with 1 language' for room 1, and '2 booths detected on Plixus network' and 'Language configuration with 2 languages' for room 2. On the right, there is a table with one row: '01 - UNICOS-student1' with four checkmarks. A 'Room coupling status' window is overlaid on the bottom right, showing a log of configuration steps:

```
Room coupling status
STEP 1 : switching on all PCs...
STEP 2 : activating the correct ICC room layouts...
         requesting the expected number of booths for each room...
         -> room 'room 1' will be configured for 1 booths
         -> room 'room 2' will be configured for 2 booths
STEP 3 : activating the network switchers...
         waiting for the Plixus devices to initialize...
         -> room 'room 1' has 2 booths detected on the Plixus network
         -> room 'room 1' has 1 booths detected on the Plixus network
         -> room 'room 2' has 1 booths detected on the Plixus network
         -> room 'room 2' has 2 booths detected on the Plixus network
STEP 4 : activating the correct language configurations...
STEP 5 : waiting for all booth PCs to be detected on the Dante network...
         -> all PCs of room 'room 1' are detected on the Dante network
         -> all PCs of room 'room 2' are detected on the Dante network
STEP 6 : creating all Dante routings for the booth PCs...
         -> all PCs of room 'room 1' are routed correctly on the Dante network
         -> waiting for max. 60 seconds...
         -> all PCs of room 'room 2' are routed correctly on the Dante network
Room coupling settings applied
```