

Manufacturer comments - Polycom Realpresence Group 300

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1. Inconsistency of operation between transmit and receive presentation content

“Self View” set to “Auto” with shared presentation content

With Self View set to Auto and presentation content shared the layout selection differs when transmitting or receiving presentation content.

Transmitting Presentation Content

- *Presentation Content Full Screen*
- *Presentation Content Full Screen plus Four Far End Image PIP Options*
- *Four POP Options: Presentation Content, Self View, Far End*

With Presentation Content Full Screen or any of the PIP options are selected, when the camera pan tilt or zoom is adjusted a self view image PIP is displayed; once the camera adjustment is complete the PIP image disappears after an additional 25 seconds.

Receiving Presentation Content

- *Presentation Content Full Screen*
- *Presentation Content Full Screen plus Four Far End Image PIP Options*
- *Four POP Options: Presentation Content and Far End*

In this case it is not possible to select a POP option displaying all three images: Presentation Content, Self View and Far End.

With Presentation Content Full Screen or any of the PIP options are selected, the system behaves in the same way as presentation content being transmitted: when the camera pan tilt or zoom is adjusted a self view image PIP is displayed; once the camera adjustment is complete the self view PIP image disappears after an additional 25 seconds.

When the POP options are selected and the camera is adjusted the image changes to Full Screen Presentation Content plus Self View PIP, once the camera adjustment is complete the image returns to the original selected POP layout after an additional 25 seconds.

This inconsistency in operation between transmitted and received presentation content could be confusing for the occasional user.

Polycom: The systems are operating as designed.

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2. Presentation Content Frame Rate

When two RealPresence Group 300 systems conferenced together over a 3 Mbit/s connection the specification indicated that it was possible to transmit 1920x1080 pixels @ 25fps on the main video channel, together with presentation content transmitted up to 1280x720 pixels @30fps. During the evaluation the highest frame rate observed on the presentation channel for a still image was 15fps.

Polycom: People + Content IP restricts the transmitted content frame rate below the 25fps quoted on the data sheet.

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3. PC Presentation Audio

There is no facility to input presentation audio into the CODEC.

Polycom: The Group 300 system is not designed to provide presentation audio.

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4. Janet Videoconferencing Service (JVCS) Interoperability

The Polycom RealPresence Group 300 connected successfully to the JVCS Codian MSE 8510 MCU, H.264 video, 720p resolution and G722.1c audio was transmitted to the MCU however H.263 video, 848x480 resolution and Siren 14 audio was received from the MCU.

Polycom: Group Series software version 4.4.1 has been tested and shown to be interoperable with a Cisco 4505 MCU with software version 4.4(3.49) but has not been tested with an MSE 8510 MCU. Cisco software release notes indicate that this is a known issue that was resolved since software version 4.4(3.42).

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