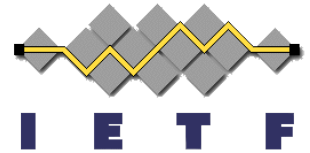# CLUE
IETF-81 July 2011
draft-romanow-requirements-04

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Proposed changes for draft .04

- These are the changes and open issues from June interim meeting

- The numbering refers to draft .03

- Number of issues pending further group discussion – including

  - centralized mixing

  - layout negotiation

  - rendering type

- Reqmt-3a The solution MUST enable individual audio streams to be associated with one or more video image captures, and individual video image captures to be associated with one or more audio captures, for the purpose of rendering proper position.

  Stephan requests using SHOULD instead of MUST, discuss

CLUE Requirements

- Reqmt-3b: The solution MUST enable individual audio streams to be rendered in any desired spatial position.

  Deferred -This needs to be discussed as part of audio layout

- Reqmt-4 and Reqmt-5 merged (Jonathan Lennox)

  Reqmt -4 Add "This includes endpoints where the number of devices of a given type is zero."

  Delete Reqmt-5

- REQMT-7: The solution MUST support means of enabling interoperability between telepresence endpoints where displays are of different sizes.

  Delete text and add a requirement to preserve

  visual scale. Text from Stephen Botzko

    The solution MUST enable the display of a video image at the actual size of the captured scene. [Edt. Note that if actual size display is enabled, then display at other apparent sizes is also enabled.]

- REQMT-8: The solution MUST support means of enabling interoperability between telepresence endpoints where displays are of different resolutions. Propose to delete, not needed have reqmt-7

- REQMT-10: The solution MUST support methods for handling different bit rates in the same conference.

  Deleted – from interim discussion, not really about multi-stream in particular

- REQMT-13: support multipoint.

  assumed but left in

- REQMT-13a: The solution MUST support both transcoding and switching approaches to providing multipoint conferences.

  decision to delete at interim

- REQMT-14: The solution MUST support mechanisms to make possible for either or both site switching or segment switching.

  Deferred to discussion on layout

- REQMT-15: The solution MUST support a means for the source endpoint to associate audio activity with a particular video stream.

  Define audio activity – detect the presence

  or absence of human speech but

  Propose to delete - part of a solution