**3GPP TSG- Meeting #**

**, , - (revision of S6-254099)**

**Source: Airbus**

**Title: Key Issue: Separated user plane and control plane**

**Spec: 3GPP TR 23.700-39 V0.3.0**

**Agenda item: 9.2**

**Document for: Approval**

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**1. Introduction**

This contribution proposes a new key issue to study impacts of separated user plane and control plane to recording.

**2. Reason for Change**

**3. Proposal**

It is proposed to agree the following changes to 3GPP TR 23.700-39 V0.3.0.

\* \* \* First Change \* \* \* \*

### 5.x Key Issue y: Separated user plane and control plane

This KI is related to scenario 1 and more specifically to all MCPTT and MCVideo features utilizing media distribution and floor control / transmission control functions.

Editor's note: Relation to MCData is FFS. Some MCData features use media plane but MCData architecture does not have a media distribution function.

3GPP TS 23.379 [3] clause 7.4.2.3.4 - Floor control server:

“*…For on-network operation, this functional entity is located with the MCPTT server, however, the floor control server may use different IP addresses…*”

3GPP TS 23.379 [3] clause 7.4.2.3.5 - Media distribution function:

“*…The media distribution function may use different IP addresses than the MCPTT server…*”

3GPP TS 23.281 [4] clause 6.2.2.3.3 - Media distribution function:

“*…The media distribution function may use different IP addresses than the MCVideo server…*”

3GPP TS 23.281 [4] clause 6.2.2.3.6 - Transmission control server:

“*…For on-network operation, this functional entity is located with the MCVideo server, however, the transmission control server may use different IP address…*”

It needs to be studied:

- How does the application layer know that media plane and control plane are separated?

- Where to find these two planes associated with the target communication?

- The impacts of different IP addresses (of media plane and control plane) to the recording of groups calls and individual calls?

- Roles of participating vs controlling server in recording?

\* \* \* End of changes \* \* \* \*