**Source:** Interdigital Finland Ory

**Title:** [FS\_AI4Media] Updates to definitions

**Agenda item:** 9.7

**Document for:** Discussion and Agreement

1. Introduction

This document provides additional definitions and minor edits to the definitions section of the permanent document.

1. Proposed changes

--------------------------------------------- Begin of first Change ------------------------------------------------------------------

## X. Definitions of terms, symbols, and abbreviations

## X.X. Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**AI/ML model:** A trained AI/ML model.

**Model inference**: Process by which a deployed machine learning model generates a result [1].

**Inference engine**: Functionality that provides runtime environment for a machine learning

model and exposes corresponding machine learning model inference capability [1].

**AI/ML model subset:** an elementary element of an AI/ML model that can be inferred independently.

**AI/ML model composition:** the composition of an AI/ML Model into one or more AI/ML model subsets.

**AI/ML model split points:** the points in a DNN AI/ML model where it is split into multiple AI/ML model

**AI/ML inference endpoint:** UE or Network inference engine that infers a result from executing an AI/ML model, or a part of it.

**Split AI/ML model:** an AI/ML model composed of AI/ML subsets that is distributed to, and inferred on different inference endpoints.

***Intermediate data:*** Output from the inference process of an AI/ML model that is not considered the final inference result.--------------------------------------------- End of first Change -----------------------------------------------------------------------

--------------------------------------------- Begin of second Change -----------------------------------------------------------------

# 8 References

[1] **Y.3179 : Architectural framework for machine learning model serving in future networks including IMT-2020**

--------------------------------------------- End of second Change -----------------------------------------------------------------

1. Proposal

We propose to update sub clause 3.1 and clause 8 of the permanent document with above proposed changes.