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|  | Moving Picture, Audio and Data Coding by Artificial Intelligence  www.mpai.community |

**Public document**

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| **Source** | Requirements (EEV) |
| **Title** | Requirements (EEV) progress report and plans |
| **Target** | MPAI-24 |

Requirements (EEV) plans to further investigate the end-to-end video coding framework with emerging techniques in computer vision and also seek possible applications to emerging solutions.

Regarding the reference model development, the EEV-0.3 model has been finalized and released, obtaining over 7% of coding gain than the previous version. There are three coding tools in the EEV-0.3 model, enhance inter prediction network, in-loop restoration network and coarse-to-fine residual modelling. In the next step, the Requirements (EEV) is expected to improve the rate-distortion efficiency and summarize the current models and methods for possible publications in a conference like IEEE DCC or ISCAS.