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

**Public document**

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| **Title** | Initial structure of the MPAI-NNW Technical Specification |
| **Target** | MPAI Members |

# Introduction

The usual introduction to all MPAI standard

# Scope of the standard

What is the standard about:

Methodology to evaluate neural network watermarking technologies Specifically,

* The impact on the performance of a watermarked neural network (and its inference) versus its non-watermarked neural network.
* The ability of the detector/decoder to detect/decode a payload when the watermarked neural network has been modified.
* The computational cost of injecting, detecting and decoding a payload in the watermark

# Use cases of the standard

* Watermarking provider: general numbers about my watermarking technology
* AI creator: I want to know the impact of the watermark on my solution
* AI creator: I want to know how well a watermarking technology will protect my solution
* End-user: I want to make sure that an inference has really been produced by that neural network