

AI(Artificial Intelligence) Policy

LG Display is committed to complying with applicable AI-related laws and regulations and adhering to the core principles for the responsible development, deployment, use, and disposal of AI throughout the entire AI lifecycle.

1. Scope of Application

This policy applies to all employees of LG Display and all organizations involved in the planning, development, deployment, operation, and use of AI systems. It applies not only to AI systems developed by LG Display, but also to the use of AI models, services, and other AI solutions provided by third parties.

2. Core Principles

1) Accountability and Control

- ① Clear roles and responsibilities are defined throughout the AI lifecycle, and a governance framework is maintained to ensure accountable management of results generated by AI systems and models.
- ② Efforts are made to minimize potential harm arising from AI by promptly reflecting the outcomes of Red Team activities conducted by the LG AI Research Institute, reviewing risks related to personal data leakage, generation of harmful content, biased outputs, and security vulnerabilities, and continuously implementing risk mitigation measures through the enhancement of governance policies.
- ③ An AI Model (Algorithm) Management Committee is operated to review AI models and assess their performance, risks, and governance framework.
- ④ Validation procedures are established and maintained to ensure that AI models operate as intended. Clear boundaries are defined regarding what AI systems can and cannot do. AI systems prohibited under applicable laws and regulations, including those involving manipulative behavior, exploitation of vulnerabilities, or unauthorized biometric surveillance, are not developed, deployed, used, or distributed.

2) Explainability(Transparency)

- ① Measures are implemented to ensure that users are aware when they are interacting with AI systems or are affected by AI-generated results.
- ② Information on the intended purpose, key functions, limitations, data sources, and potential risks of AI systems is provided in a manner that users can understand.
- ③ Efforts are made to provide clear and understandable explanations for AI-generated results, taking into account the needs and circumstances of stakeholders.

3) Security and Privacy Protection

- ① Security measures, including penetration testing and encryption, are implemented to ensure the safe operation of AI systems against AI-related security threats such as unintended results, adversarial attacks, data breaches, model poisoning, and prompt injection. Efforts are made to minimize risks that may arise from system failures and security incidents.
- ② AI systems are managed to ensure the secure processing of personal information and to prevent the collection or use of personal information without user consent or other lawful grounds. Compliance with applicable laws and regulations related to personal information protection is maintained throughout the AI lifecycle.

4) Fairness

- ① Efforts are made to ensure that AI systems operate fairly and respect diversity regardless of individual characteristics, including gender, ethnicity, nationality, income level, political or religious beliefs, disability, and age.
- ② Efforts are made to identify and mitigate bias, harmful impacts, and unfairness in AI systems to prevent AI-generated results from causing unjust or discriminatory effects on specific individuals or groups.

5) Respect for human dignity

Human participation and intervention are enabled in significant AI-assisted decision-making processes. AI systems are managed to ensure that human dignity, rights, and freedoms are respected and not infringed upon.

6) Environmental Sustainability

Environmental impacts associated with the development, operation, and use of AI systems, whether conducted internally or through third parties, are considered and managed. Efforts are made to reduce energy consumption, water consumption, and carbon emissions throughout the AI lifecycle.

This policy has been established with the approval of Executive Management and is reported to the Board of Directors or the ESG Committee, as necessary.