

THE CHALLENGE

The European Artificial Intelligence Act, which will be in force 2025, is a protective regulation of AI systems for European consumers and aims to install European values as well as transparency in the models.

There are three major intends to archive that:

- A single standard across the EU to prevent fragmentation, enforced through Conformity Declarations and the obligation for a CE marking.
- 2. Legal certainty that encourages innovation and investment into Al by creating Al Regulatory Sandboxes.
- 3. Enabling National competent authorities as control instances.

In case of incompliance of the AI Act there will penalties between €10M or 2% global annual turnover and €30M or 6% of global annual turnover.

SOLUTION HIGHLIGHTS

- A Deloitte framework designed to help organizations efficiently govern and manage the risks associated with the use of Artificial Intelligence systems while monitoring it throughout the lifecycle.
- Wide variety of services to create a bespoke solution with tools like AI
 Model Conformity Assessment, Trustworthy AI Framework and the aiStudio
 Toolkit.
- Guided way towards compliance through an end-to-end process, starting at the identification of qualified Al or Al-classified systems ending in the active monitoring of the self-learning model.
- aiStudio Toolkit assesses trustworthiness of Al models using four individual tools: Model Guardian, Al Qualify, Lucid[ML] and Al Privacy (working title)

OFFERING OVERVIEW



1. Identification

Conduct a dose examination of your existing assets and find out which ones use AI or quality as AI under the new regulation.



3. Compliance

Ensure design, development and quality management system are in compliance with the Alresulation.



5. Declaration

Write a Declaration of conformity (Annex V) for each (high-risk) Al system and affix the CE marking.*



7. Monitoring

After launching the high-risk Alsystem, it needs to be monitored because the system learns.



2. Classification

Determine which assets entail which potential risks (e.g. unacceptable, high or low risks).



4. Conformity assessment

High-risk AI systems must undergo a specified conformity assessment (Art. 19 and 43) and must repeat this step if they are substantially modified.



6. Market launch

VALUE PROPOSITION

time to market

volume (Scalability)

1. Accelerated evaluation and validation

2. Ability to scale with an increase in data

3. Risk management and governance

TRUSTWORTHY AI SERVICES

Roadmap to Compliance

Domain Risk Heatmap

Al Model InventoryAl Life Cycle Evaluation

Al Studio Toolkit

Al Act Gap Analysis & Discovery

· Al Model Conformity Assessment

• Risk Assessment & Model Inspection

• Interpretation & Communication

Monitoring & Issue Resolution

(capability Enhancement)

processes, while ensuring compliance with

the regulatory framework to enable faster

throughout the whole lifecycle (Al Quality)

Measurements to build consumer trust and

gain a competitive edge in the market

Placing the high-risk AI system on the market or into service.