

EU AI Act vs Executive Order 14110 on Safe, Secure, Trustworthy AI

Editorial verdict: **converges** — see comparison narrative below.

EU · BINDING REGULATION

EU AI Act

EU-AIA-2024

TREATMENT OF DEEPFAKES / SYNTHETIC CONTENT

governs

Art. 50(4) (disclosure obligation for deep fakes)

Primary source: [Regulation \(EU\) 2024/1689](#)

US · EXECUTIVE ORDER

Executive Order 14110 on Safe, Secure, Trustworthy AI

US-EO-14110

TREATMENT OF DEEPFAKES / SYNTHETIC CONTENT

governs

§4.5 (content authentication, watermarking) — rescinded 20 Jan 2025 by EO 14148; successor EO 14179 is silent on deepfakes, leaving only NIST provenance artifacts

Primary source: [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#)

What this comparison shows

The two regimes take the same position. This is a candidate for cross-jurisdictional alignment in industry guidance, voluntary codes, and harmonisation tracks.

Contested question: Is robust watermarking durable under adversarial removal at deployment scale? Field is split on technical feasibility despite policy convergence on the requirement.

Bibliography

1. [Regulation \(EU\) 2024/1689](#) — EU AI Act.
2. [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#) — Executive Order 14110 on Safe, Secure, Trustworthy AI.
3. [Policy Window — Deepfakes / Synthetic Content](#) (cross-jurisdiction topic article with full coverage matrix).