

EU AI ACT

High-Risk AI Systems

Complete overview of Annex I & Annex III

The EU AI Act classifies AI systems as high-risk through two pathways: as safety components of regulated products (Annex I) and as stand-alone systems in sensitive areas (Annex III).

ANNEX I

Safety Components of Regulated Products

21 EU product safety directives
and regulations

ANNEX III

Stand-Alone Systems in Sensitive Areas

8 high-risk categories
with specific use cases

ANNEX I

Safety Components of Regulated Products

01 Machinery

02 Toy safety

03 Recreational craft

04 Lift safety

05 Explosive equipment

06 Radio equipment

07 Pressure equipment

08 Cableway installations

09 Protective equipment

10 Gas appliances

ANNEX I (continued)

**Safety Components of
Regulated Products**

11 Medical devices

12 In-vitro diagnostics

13 Aviation security

14 Two-wheel vehicles

15 Agricultural vehicles

16 Marine equipment

17 Rail interoperability

18 Motor vehicles

19 Vehicle safety

20 Civil aviation

ANNEX III

Stand-Alone Systems in Sensitive Areas

- 01** Remote biometric identification of individuals in public spaces in so far as their use is permitted under relevant Union or national law
- 02** Biometric categorisation using sensitive personal characteristics
- 03** Emotion recognition systems for individuals
- 04** AI managing critical infrastructure and utilities
- 05** AI determining educational admissions and access
- 06** AI evaluating students' learning outcomes
- 07** AI assessing appropriate education level
- 08** AI monitoring students during examinations
- 09** AI supporting recruitment and candidate selection
- 10** AI managing employment and workplace decisions

ANNEX III (continued)

Stand-Alone Systems in Sensitive Areas

- 11** AI determining eligibility for public benefits
- 12** AI assessing creditworthiness and credit scores
- 13** AI pricing life and health insurance risks
- 14** AI prioritising emergency calls and dispatch
- 15** AI assessing crime victimisation risk
- 16** AI polygraphs supporting law enforcement investigations
- 17** AI evaluating reliability of criminal evidence

ANNEX III (continued)

Stand-Alone Systems in Sensitive Areas

- 18** AI assessing offending or reoffending risks
- 19** AI profiling individuals during criminal investigations
- 20** AI assessing migration and security risks
- 21** AI supporting asylum, visa and residence decisions
- 22** AI identifying individuals at border control
- 23** AI assisting judicial decision-making and dispute resolution
- 24** AI influencing election outcomes or voting behaviour

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