

136 Acceptability

NA	

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
 25019:2023 ISO/IEC

339 Acceptance criteria

NA	

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
 5258-2:2024 ISO/IEC

137 Access control

WG 3	

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	
Art. 10, 5(c)	the special categories of personal data are subject to measures to
Art. 21, 2	Upon a reasoned request by a competent authority, providers shall
Art. 22, 3(c)	provide a competent authority, upon a reasoned request, with all the
Art. 59, 1(d)	any personal data to be processed in the context of the conduct of an
Art. 78, 3	Without prejudice to paragraphs 1 and 2, information exchanged on a
Global vision	
Art. 10, 5(c) - Art. 21, 2 - Art. 22, 3(c) - Art. 59, 1(d) - Art. 78, 3	

Whereas	Annexes
(10)	The fundamental
(19)	For the purposes of
(27)	Write the risk-base
(110)	General-purpose AI
Global vision	
(10) - (19) - (27) - (110) - (115) - (131) - (159)	

Standards
Global vision
 27000:2018 ISO/IEC

1 Accessibility

WG 1	
7.1	

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	
Art. 16, (l)	ensure that the high-risk AI system complies with accessibility
Art. 50, 5	the information referred to in paragraphs 1 to 4 shall be provided to
Art. 71, 6	The Commission shall be the controller of the EU database. It shall
Art. 95, 2(e)	assessing and preventing the negative impact of AI systems on
Global vision	
Art. 16, (l) - Art. 50, 5 - Art. 71, 6 - Art. 95, 2(e)	

Whereas	Annexes
(72)	To address
(80)	As signatories to the
(139)	The objectives of the
(142)	To ensure that AI
Global vision	
(72) - (80) - (139) - (142) - (165)	

Standards
Global vision
 25024:2015 ISO/IEC -
 5258-2:2024 ISO/IEC -
 25059:2023 ISO/IEC -
 25019:2023 ISO/IEC -
 25010:2023 ISO/IEC -
 82079-1:2019 IEC/IEEE -
 25012:2008 ISO/IEC -
 26514:2022 ISO/IEC/IEEE -
 29119 -11:2020 ISO/IEC TR

WG Sector Terms Variant

273 Accountability

NA

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 17, 1(m)
an accountability framework setting out the responsibilities of the management and also specifying the level to which accountability in the field of AI is to be achieved, in particular on the basis of the ...
Art. 66, (e)(vi)
Global vision
Art. 17, 1(m) - Art. 66, (e)(vi)

Whereas Annexes

(27)
While the risk-based approach to the ...
(59) Given their role and responsibilities ...
(114) The providers of AI systems shall ...
(177) In order to ensure the ...
Global vision
(27) - (59) - (114) - (177)

Global vision

Standards

Global vision

42001:2023 ISO/IEC - 5339:2024 ISO/IEC

2 Accuracy

WG 3
7.10 ICT

Governance
 Management
 Process
 Product
 Altro...

free of errors

Art. 13, 3(b)(ii)
the level of accuracy, including its metrics, robustness and accuracy, robustness and cybersecurity
Art. 15, 1 High-risk AI systems shall be designed and developed in such a way that they achieve an appropriate level of accuracy, robustness, and security
Art. 15, 2 To address the technical aspects of how to measure the appropriate level of accuracy and the relevant accuracy metrics of high-risk AI systems ...
Art. 15, 3 The levels of accuracy and the relevant accuracy metrics of high-risk AI systems ...
Global vision
Art. 13, 3(b)(ii) - Art. 15 - Art. 15, 1 - Art. 15, 2 - Art. 15, 3 - Art. 58, 2(i)

(59)
Given their role and responsibilities ...
(60) AI systems used in ...
(66) Requirements ...
(74) High-risk AI systems ...
Global vision
(59) - (60) - (66) - (74) - (77) - (84) - (122)

Global vision

Standards

Global vision

25024:2015 ISO/IEC - 5259-2:2024 ISO/IEC - 25012:2008 ISO/IEC - 29119-11:2020 ISO/IEC TR

92 Acquisition

NA

Governance
 Management
 Process
 Product
 Altro...

Art. 17, 1(f)
systems and procedures for data management, including data ...
Global vision
Art. 17, 1(f)

(110)
General-purpose AI models used for ...
Global vision
(110)

Global vision

Standards

Global vision

42001:2023 ISO/IEC

83 Aggregation

WG 3

Governance
 Management
 Process
 Product
 Altro...

Art. 10, 2(c)
relevant data-preparation processing operations, such as annotation, labelling, classification, verification and evaluation
Art. 17, 1(f) systems and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage
Global vision
Art. 10, 2(c) - Art. 17, 1(f)

Global vision

Global vision

Standards

Global vision

296 AI application

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	Text
Art. 2, 11	This Regulation does not preclude the Union or Member States from...
Art. 3, (63)	general-purpose AI model means an AI model, including where such...
Art. 14, 2	Human oversight shall aim to prevent or minimise the risks to health...
Art. 14, 5	For high-risk AI systems referred to in point 1(a) of Annex III, the...
Art. 29, 2	The application for notification shall be accompanied by a description...

Global vision
Art. 2, 11 - Art. 3, (63) - Art. 14, 2 - Art. 14, 5 - Art. 29, 2 - Art. 56, 1 - Art. 56, 6 - Art. 57, 16 - Art. 58, 1(b) - Art. 58, 2(a) - Art. 58, 2(b) - Art. 58, 2(c) - Art. 58, 2(g) - Art. 74, 10 - Art. 74, 12 - Art. 78, 2 - Art. 80 - Art. 80, 7 - Art. 95, 1 - Art. 95, 2 - Art. 96, 1(f) - Art. 111, 1 - Art. 111, 2 - Art. 112, 7

Whereas

(5)	At the same time,...
(10)	The fundamental...
(20)	In order to obtain t...
(25)	This Regulation...

Global vision
(5) - (10) - (20) - (25) - (27) - (39) - (41) - (53) - (60) - (64) - (70) - (73) - (80) - (97) - (125) - (148) - (157) - (158) - (165) - (174) - (177) - (179)

Annexes

III	High-risk AI system
VII	Conformity based o...
VIII	Information to be su...

Global vision
III - VII - VIII

Standards
Global vision

264 AI Ecosystem

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 57, 4	Member States shall ensure that the competent authorities referred to...
Art. 57, 9(c)	fostering innovation and competitiveness and facilitating the...
Art. 58, 2(f)	that AI regulatory sandboxes facilitate the involvement of other relevant...

Global vision
Art. 57, 4 - Art. 57, 9(c) - Art. 58, 2(f)

(4)	AI is a fast evolving...
(8)	A Union legal...
(133)	A variety of AI...
(139)	The objectives of th...

Global vision
(4) - (8) - (133) - (139)

IV	Technical document
VII	Conformity based o...
VIII	Information to be su...

Global vision
IV - VII - VIII

Standards
Global vision

230 AI literacy

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 3, (56)	'AI literacy' means skills, knowledge and understanding that allow...
Art. 4	AI literacy
Art. 4	Providers and deployers of AI systems shall take measures to ensure...
Art. 66, (f)	support the Commission in promoting AI literacy, public awareness and...
Art. 95, 2(c)	promoting AI literacy, in particular that of persons dealing with the...

Global vision
Art. 3, (56) - Art. 4 - Art. 4 - Art. 66, (f) - Art. 95, 2(c)

(20)	In order to obtain th...
(56)	The deployment of...
(91)	Given the nature of...
(165)	The development of...

Global vision
(20) - (56) - (91) - (165)

IV	Technical document
VII	Conformity based o...
VIII	Information to be su...

Global vision
IV - VII - VIII

Standards
Global vision

3 AI models

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 1, 2(e)	harmonised rules for the placing on the market of general-purpose AI...
SECTION 2	Obligations for providers of general-purpose AI models
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or...
Art. 2, 5	This Regulation does not apply to AI systems or AI models, including...
Art. 2, 8	This Regulation does not apply to any research, testing or...

Global vision
Art. 1, 2(e) - Art. 2, 1(a) - Art. 2, 6 - Art. 2, 8 - Art. 3, (47) - Art. 3, (63) - Art. 3, (64) - Art. 3, (65) - Art. 10, 1 - Art. 10, 6 - Art. 25, 4 - Art. 40, 1 - Art. 40, 2 - Art. 41, 3 - Art. 41, 5 - CHAPTER V - Art. 51 - Art. 52, 6 - SECTION 2 - Art. 53 - Art. 53, 1 - Art. 53, 2 - Art. 53, 3 - Art. 53, 4 - Art. 54 - Art. 54, 6 - SECTION 3 - Art. 55 - Art. 55, 1 - Art. 55, 1(b) - Art. 55, 2 - Art. 56, 3 - Art. 56, 7 - Art. 57, 17 - Art. 66, (c) - Art. 66, (n) - Art. 66, (o) - Art. 68, 2(b) - Art. 68, 3(a) - Art. 68, 3(a)(i) - Art. 68, 3(a)(ii) - Art. 68, 3(a)(iii) - Art. 68, 3(a)(iv) - SECTION 5 - Art. 68, 3(a) - Art. 68, 3(a)(i) - (b) - Art. 101 - Art. 101, 1 - Art. 111 - Art. 111, 3 - Art. 112, 6

(12)	The notion of 'AI...
(25)	This Regulation...
(27)	While the risk-base...
(67)	High-quality data...

Global vision
(12) - (25) - (27) - (67) - (76) - (89) - (97) - (99) - (101) - (102) - (103) - (104) - (105) - (106) - (107) - (108) - (109) - (110) - (111) - (112) - (113) - (114) - (115) - (116) - (117) - (118) - (133) - (151) - (161) - (162) - (163) - (164) - (165) - (169) - (173) - (174) - (179)

VII	Conformity based o...
XI	Technical document
XII	Transparency inform...
XIII	Criteria for the desig...

Global vision
VII - XI - XII - XIII

Standards
Global vision
25059:2023 ISO/IEC -
25059-1 ISO/IEC AWI

The data presented here have a value for research and not a legal value.

Variant

AI Act Article

Table with 2 columns: Article Number and Content. Includes Art. 9, 2; Art. 15, 1; Art. 40, 2.

Global vision

Art. 9, 2 - Art. 15, 1 - Art. 40, 2

Whereas

Table with 2 columns: Paragraph and Content. Includes (65) The risk-; (69) The right to privacy-; (73) High-risk AI system-; (74) High-risk AI system-

Global vision

(65) - (69) - (73) - (74) - (110) - (114) - (115)

Annexes

Table with 2 columns: Annex Number and Content. Includes IV Technical document

Global vision

IV

322 AI system lifecycle

WG 3 Terms table with 3 columns: Term, Variant, and Content.

- Governance, Management, Process, Product, Altro...

4 AI systems

WG 3 Terms table with 3 columns: Term, Variant, and Content.

- Governance, Management, Process, Product, Altro...

Table with 2 columns: Section/Article Number and Content. Includes SECTION 1 Classification of AI systems as high-risk; Art. 1, 1; Art. 1, 2(a); Art. 1, 2(c); Art. 1, 2(d)

Global vision

Art. 1, 1 - Art. 1, 2(a) - Art. 1, 2(c) - Art. 1, 2(d) - Art. 2, 1(a) - Art. 2, 1(b) - Art. 2, 1(c) - Art. 2, 1(d) - Art. 2, 3 - Art. 2, 4 - Art. 2, 6 - Art. 2, 8 - Art. 2, 10 - Art. 2, 11 - Art. 2, 12 - Art. 3, (13) - Art. 3, (25) - Art. 3, (47) - Art. 3, (48) - Art. 3, (55) - Art. 3, (56) - Art. 3, (59) - Art. 3, (63) - Art. 3, (68) - Art. 4 - Art. 5, 1(c) - Art. 5, 1(d) - Art. 5, 1(e) - Art. 5, 1(f) - CHAPTER III - SECTION 1 - Art. 6 - Art. 6, 2 - Art. 6, 5 - Art. 6, 6 - Art. 7, 1(a) - Art. 7, 1(b) - Art. 7, 3 - SECTION 2 - Art. 8, 1 - Art. 8, 2 - Art. 9, 1 - Art. 9, 5 - Art. 9, 6 - Art. 9, 8 - Art. 9, 10 - Art. 10, 1 - Art. 10, 5 - Art. 10, 6 - Art. 12, 1 - Art. 12, 2(c) - Art. 12, 3 - Art. 13, 1 - Art. 13, 2 - Art. 13, 3(d) - Art. 14, 1 - Art. 14, 4 - Art. 14, 5 - Art. 15, 1 - Art. 15, 3 - Art. 15, 4 - Art. 15, 5 - SECTION 3 - Art. 16 - Art. 16, (a) - Art. 16, (e) - Art. 17, 1 - Art. 17, 1(f) - Art. 17, 2 - Art. 17, 3 - Art. 19, 1 - Art. 19, 2 - Art. 20, 1 - Art. 21, 1 - Art. 22 - Art. 22, 1 - Art. 25, 2 - Art. 25, 3 - Art. 25, 4 - Art. 26 - Art. 26, 1 - Art. 26, 5 - Art. 26, 6 - Art. 26, 8 - Art. 26, 9 - Art. 26, 10 - Art. 26, 11 - Art. 27 - Art. 27, 1 - Art. 29, 2 - Art. 30, 3 - Art. 31, 4 - Art. 31, 5 - Art. 31, 11 - Art. 34, 1 - Art. 36, 3 - Art. 36, 7(c) - Art. 36, 9(a) - Art. 36, 9(b) - Art. 38, 1 - Art. 40, 1 - Art. 40, 2 - Art. 41, 3 - Art. 41, 5 - Art. 42, 1 - Art. 42, 2 - Art. 43, 1 - Art. 43, 2 - Art. 43, 3 - Art. 43, 4 - Art. 43, 6 - Art. 44, 2 - Art. 45, 3 - Art. 46, 1 - Art. 46, 7 - Art. 47, 3 - Art. 48, 2 - Art. 48, 3 - Art. 48, 5 - Art. 49, 1 - Art. 49, 3 - Art. 49, 4 - Art. 49, 5 - CHAPTER IV - Art. 50 - Art. 50, 1 - Art. 50, 2 - Art. 50, 3 - Art. 50, 6 - Art. 53, 1(b) - Art. 53, 1(i) - Art. 53, 1(j) - Art. 53, 1(k) - Art. 53, 1(l) - Art. 53, 1(m) - Art. 53, 1(n) - Art. 53, 1(o) - Art. 53, 1(p) - Art. 53, 1(q) - Art. 53, 1(r) - Art. 53, 1(s) - Art. 53, 1(t) - Art. 53, 1(u) - Art. 53, 1(v) - Art. 53, 1(w) - Art. 53, 1(x) - Art. 53, 1(y) - Art. 53, 1(z) - Art. 54, 3(d) - Art. 55, 1 - Art. 55, 2 - Art. 55, 3 - Art. 55, 4 - Art. 55, 5 - Art. 55, 6 - Art. 55, 7 - Art. 55, 8 - Art. 55, 9 - Art. 55, 10 - Art. 55, 11 - Art. 55, 12 - Art. 55, 13 - Art. 55, 14 - Art. 55, 15 - Art. 55, 16 - Art. 55, 17 - Art. 55, 18 - Art. 55, 19 - Art. 55, 20 - Art. 55, 21 - Art. 55, 22 - Art. 55, 23 - Art. 55, 24 - Art. 55, 25 - Art. 55, 26 - Art. 55, 27 - Art. 55, 28 - Art. 55, 29 - Art. 55, 30 - Art. 55, 31 - Art. 55, 32 - Art. 55, 33 - Art. 55, 34 - Art. 55, 35 - Art. 55, 36 - Art. 55, 37 - Art. 55, 38 - Art. 55, 39 - Art. 55, 40 - Art. 55, 41 - Art. 55, 42 - Art. 55, 43 - Art. 55, 44 - Art. 55, 45 - Art. 55, 46 - Art. 55, 47 - Art. 55, 48 - Art. 55, 49 - Art. 55, 50 - Art. 55, 51 - Art. 55, 52 - Art. 55, 53 - Art. 55, 54 - Art. 55, 55 - Art. 55, 56 - Art. 55, 57 - Art. 55, 58 - Art. 55, 59 - Art. 55, 60 - Art. 55, 61 - Art. 55, 62 - Art. 55, 63 - Art. 55, 64 - Art. 55, 65 - Art. 55, 66 - Art. 55, 67 - Art. 55, 68 - Art. 55, 69 - Art. 55, 70 - Art. 55, 71 - Art. 55, 72 - Art. 55, 73 - Art. 55, 74 - Art. 55, 75 - Art. 55, 76 - Art. 55, 77 - Art. 55, 78 - Art. 55, 79 - Art. 55, 80 - Art. 55, 81 - Art. 55, 82 - Art. 55, 83 - Art. 55, 84 - Art. 55, 85 - Art. 55, 86 - Art. 55, 87 - Art. 55, 88 - Art. 55, 89 - Art. 55, 90 - Art. 55, 91 - Art. 55, 92 - Art. 55, 93 - Art. 55, 94 - Art. 55, 95 - Art. 55, 96 - Art. 55, 97 - Art. 55, 98 - Art. 55, 99 - Art. 55, 100 - Art. 55, 101 - Art. 55, 102 - Art. 55, 103 - Art. 55, 104 - Art. 55, 105 - Art. 55, 106 - Art. 55, 107 - Art. 55, 108 - Art. 55, 109 - Art. 55, 110 - Art. 55, 111 - Art. 55, 112 - Art. 55, 113 - Art. 55, 114 - Art. 55, 115 - Art. 55, 116 - Art. 55, 117 - Art. 55, 118 - Art. 55, 119 - Art. 55, 120 - Art. 55, 121 - Art. 55, 122 - Art. 55, 123 - Art. 55, 124 - Art. 55, 125 - Art. 55, 126 - Art. 55, 127 - Art. 55, 128 - Art. 55, 129 - Art. 55, 130 - Art. 55, 131 - Art. 55, 132 - Art. 55, 133 - Art. 55, 134 - Art. 55, 135 - Art. 55, 136 - Art. 55, 137 - Art. 55, 138 - Art. 55, 139 - Art. 55, 140 - Art. 55, 141 - Art. 55, 142 - Art. 55, 143 - Art. 55, 144 - Art. 55, 145 - Art. 55, 146 - Art. 55, 147 - Art. 55, 148 - Art. 55, 149 - Art. 55, 150 - Art. 55, 151 - Art. 55, 152 - Art. 55, 153 - Art. 55, 154 - Art. 55, 155 - Art. 55, 156 - Art. 55, 157 - Art. 55, 158 - Art. 55, 159 - Art. 55, 160 - Art. 55, 161 - Art. 55, 162 - Art. 55, 163 - Art. 55, 164 - Art. 55, 165 - Art. 55, 166 - Art. 55, 167 - Art. 55, 168 - Art. 55, 169 - Art. 55, 170 - Art. 55, 171 - Art. 55, 172 - Art. 55, 173 - Art. 55, 174 - Art. 55, 175 - Art. 55, 176 - Art. 55, 177 - Art. 55, 178

Table with 2 columns: Paragraph and Content. Includes (1) The purpose of this Regulation is to...

Global vision

(1) - (3) - (7) - (8) - (9) - (10) - (12) - (15) - (17) - (18) - (20) - (21) - (22) - (24) - (25) - (26) - (27) - (29) - (31) - (32) - (35) - (38) - (39) - (40) - (41) - (42) - (43) - (44) - (46) - (47) - (49) - (50) - (52) - (53) - (54) - (55) - (56) - (57) - (58) - (59) - (60) - (61) - (62) - (63) - (64) - (65) - (66) - (67) - (68) - (69) - (70) - (71) - (72) - (73) - (74) - (75) - (76) - (77) - (78) - (80) - (81) - (82) - (83) - (84) - (85) - (86) - (88) - (89) - (90) - (91) - (92) - (93) - (94) - (96) - (97) - (100) - (101) - (110) - (112) - (113) - (114) - (120) - (122) - (123) - (124) - (125) - (128) - (129) - (130) - (131) - (132) - (133) - (136) - (137) - (138) - (139) - (140) - (141) - (143) - (146) - (152) - (155) - (156) - (157) - (158) - (159) - (160) - (161) - (162) - (163) - (165) - (166) - (170) - (171) - (173) - (174) - (176) - (177) - (178)

Table with 2 columns: Annex Number and Content. Includes III High-risk AI system; IV Technical document; VII Conformity based o; VIII Information to be su

Global vision

III - IV - VII - VIII - IX - XI - XII

Standards

Global vision 42001:2023 ISO/IEC 25223:2024 ISO/IEC AWI TS

265 Algorithm

WG 3 Terms table with 3 columns: Term, Variant, and Content.

- Governance, Management, Process, Product, Altro...

Table with 2 columns: Paragraph and Content. Includes (128) In line with the

Global vision

(128)

Table with 2 columns: Paragraph and Content. Includes (128)

Global vision

(128)

Table with 2 columns: Paragraph and Content. Includes (128)

Global vision

(128)

Standards

Global vision 24028:2020 ISO/IEC TR - 29119-11:2020 ISO/IEC TR - 9608 ISO/IEC DIS - 25223:2024 ISO/IEC AWI TS

308 Algorithmic transparency

WG 3 Terms table with 3 columns: Term, Variant, and Content.

- Governance, Management, Process, Product, Altro...

Table with 2 columns: Paragraph and Content. Includes (128)

Global vision

(128)

Table with 2 columns: Paragraph and Content. Includes (128)

Global vision

(128)

Table with 2 columns: Paragraph and Content. Includes (128)

Global vision

(128)

Standards

Global vision

164 Analytics

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
 Global vision
 5259-1:2024 ISO/IEC

5 Annotation

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article
Art. 10, 2(c) relevant data-preparation processing operations, such as annotation.
Global vision
Art. 10, 2(c)

Whereas
Global vision

Annexes
Global vision

Standards
 Global vision
 25059:2023 ISO/IEC

6 Applicable, as regards the persons or groups

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article
Art. 10, 3 Training, validation and testing data sets shall be relevant, sufficiently
Global vision
Art. 10, 3

Whereas
Global vision

Annexes
Global vision

Standards
 Global vision

7 Appropriate confidentiality

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article
Art. 10, 5(c) the special categories of personal data are subject to measures to
Art. 15, 5 high-risk AI systems shall be resilient against attempts by
Art. 57, 8 Subject to the confidentiality provisions in Article 46, and with the
Art. 75, 3 Where a market surveillance authority is unable to conclude its
Global vision
Art. 10, 5(c) - Art. 15, 5 - Art. 57, 8 - Art. 75, 3

Whereas
(10) The fundamental
Global vision
(10)

Annexes
Global vision

Standards
 Global vision

8 Appropriate measures to detect, prevent and mitigate possible biases identified

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 10, 2(g) appropriate measures to detect, prevent and mitigate possible biases

Global vision
Art. 10, 2(g)

Whereas

Annexes

Global vision **Global vision**

Standards
Global vision

9 Appropriate statistical properties

WG 3

Terms

Variant

Governance
 Management
 Process
 Altro...

AI Act Article

Art. 10, 3 Training, validation and testing data sets shall be relevant, sufficiently

Global vision
Art. 10, 3

(67) High-quality data

Global vision **Global vision**

Standards
Global vision

199 Architecture

WG 3

Terms

Variant

Governance
 Management
 Process
 Altro...

AI Act Article

Art. 53, 2 The obligations set out in paragraph 1, points (a) and (b), shall not

Art. 54, 6 The obligation set out in this Article shall not apply to providers of

Global vision
Art. 53, 2 - Art. 54, 6

(102) Software and data

(104) The providers of

(128) In line with the

IV Technical document

XI Technical document

XII Transparency inform

Global vision **Global vision**

(102) - (104) - (128) IV - XI - XII

Standards
Global vision
24029-2:2023 ISO/IEC

194 Artificial intelligence

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 1, 1 The purpose of this Regulation is to improve the functioning of the

Art. 6, 5 The Commission shall, after consulting the European Artificial Intelligence Board (the Board) and in accordance with Article 20, establish

Art. 65 Establishment and structure of the European Artificial Intelligence Board

Art. 65, 1 A European Artificial Intelligence Board (the Board) is hereby established

Art. 102 In Article 4(3) of Regulation (EC) No 900/2008, the following

Global vision
Art. 1, 1 - Art. 6, 5 - Art. 65 - Art. 65, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 110

(1) The purpose of this

(7) In order to ensure

(20) In order to obtain the

(96) In order to efficient

Global vision **Global vision**

(1) - (7) - (20) - (96)

Standards
Global vision
24029-1:2021 ISO/IEC
TR - 22989:2022 ISO/IEC
24030:2024 ISO/IEC TR
38507:2022 ISO/IEC -
24028:2020 ISO/IEC TR

WG Sector Terms Variant

195 Artificial neural network

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 24029-1:2021 ISO/IEC TR

WG 2

286 Assessment

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 3, (19) notifying authority means the national authority responsible for setting
 Art. 3, (20) 'conformity assessment' means the process of demonstrating whether
 Art. 3, (21) conformity assessment body means a body that performs third-party
 Art. 3, (22) notified body means a conformity assessment body notified in
 Art. 3, (23) substantial modification means a change to an AI system after its

Global vision

Art. 3, (19) - Art. 3, (20) - Art. 3, (21) - Art. 3, (22) - Art. 3, (23) - Art. 5, 1(d) - Art. 5, 2 - Art. 6, 1 (b) - Art. 6, 3(c) - Art. 6, 3(d) - Art. 6, 4 - Art. 10, 2(e) - Art. 11, 1 - Art. 13, 3(c) - Art. 16, (f) - Art. 17, 1(a) - Art. 22, 3(a) - Art. 23, 1(a) - Art. 25, 2 - Art. 26, 9 - Art. 27 - Art. 27, 1 - Art. 27, 3 - Art. 27, 4 - Art. 29, 1 - Art. 28, 2 - Art. 28, 3 - Art. 25, 4 - Art. 28, 5 - Art. 29 - Art. 29, 1 - Art. 29, 2 - Art. 29, 3 - Art. 30, 1 - Art. 30, 2 - Art. 30, 3 - Art. 30, 4 - Art. 30, 5 - Art. 31, 3 - Art. 31, 4 - Art. 31, 5 - Art. 31, 6 - Art. 31, 7 - Art. 31, 9 - Art. 32 - Art. 33, 1 - Art. 33, 4 - Art. 34, 1 - Art. 34, 3 - Art. 36, 3 - Art. 36, 9(b) - Art. 38, 1 - Art. 39 - Art. 39 - SECTION 5 - Art. 43 - Art. 43, 1 - Art. 43, 1(b) - Art. 43, 1(d) - Art. 43, 2 - Art. 43, 3 - Art. 43, 4 - Art. 43, 6 - Art. 44, 2 - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 1(d) - Art. 45, 1(e) - Art. 45, 2(b) - Art. 45, 3 - Art. 46 - Art. 46, 1 - Art. 46, 7 - Art. 48, 4 - Art. 53, 4 - Art. 55, 2 - Art. 56, 2(d) - Art. 56, 6 - Art. 56, 8 - Art. 56, 9 - Art. 57, 7 - Art. 58, 2(e) - Art. 62, 2 - Art. 66, (d) - Art. 66, (j) - Art. 70, 6 - Art. 73, 6 - Art. 78, 2 - Art. 112, 1 - Art. 112, 3 - Art. 112, 12 - Art. 112, 13

(34) In order to ensure
 (42) that shows...
 (49) As regards high-risk
 (50) As regards AI

Global vision

3 III High-risk AI systems
 4 IV Technical document
 5 V EU declaration of co
 6 VI Conformity assess

Global vision

III - IV - V - VI - VII - VIII

Standards
 Global vision
 4213:2022 ISO/IEC TS -
 29119-11:2020 ISO/IEC
 TR - 42006:2024 ISO/IEC
 DIS

WG 3

84 Assessment datasets

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Global vision

Global vision

Standards
 Global vision

WG 3

77 Assessment of the availability

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 10, 2(e) an assessment of the availability, quantity and suitability of the data
 Art. 43, 6 The Commission is empowered to adopt delegated acts in accordance
 with Article 87 in order to amend paragraphs 1 and 2 of this Article in

Global vision

Art. 10, 2(e) - Art. 43, 6

(130) Under certain
 conditions...

Global vision

(130)

Global vision

Standards
 Global vision

85 Assessment procedures

WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Art. 3, (19)	notifying authority means the national authority responsible for setting
Art. 17, 1(a)	a strategy for regulatory compliance, including compliance with
Art. 28, 1	Each Member State shall designate or establish at least one notifying
Art. 31, 6	Notified bodies shall be organised and operated so as to safeguard the
Art. 31, 7	Notified bodies shall have documented procedures in place ensuring

Global vision
 Art. 3, (19) - Art. 17, 1(a) - Art. 28, 1 - Art. 31, 6 - Art. 31, 7 - Art. 34, 1 - Art. 38, 1 - Art. 43, 1 - Art. 44, 2 - Art. 46, 1 - Art. 48, 4 - Art. 56, 2(d) - Art. 57, 7 - Art. 66, (d)

Whereas

(96)	In order to efficient
(143)	In order to promote
(173)	In order to ensure
(179)	This Regulation

Global vision
 (96) - (143) - (173) - (179)

Annexes

IV	Technical document
VII	Conformity based o

Global vision
 IV - VII

Standards
Global vision

138 Attack

WG 5

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Art. 5, 1(h)(ii)	the prevention of a specific, substantial and imminent threat to the life
------------------	---

Global vision
 Art. 5, 1(h)(ii)

(33) The use of those

Global vision
 (33)

7 VII Conformity based o

Global vision

Standards
Global vision
27000:2018 ISO/IEC

172 Audit and assessment

WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision

Global vision

7 VII Conformity based o

Global vision
 VII

Standards
Global vision
5259-3:2024 ISO/IEC

10 Auditability

WG 3
WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision

Global vision

Global vision

Standards
Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC -
27000:2018 ISO/IEC

324 Auditing and certification

WG 2

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Standards
Global vision
42006:2024 ISO/IEC DIS

139 Authentication

WG 3
WG 5

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Art. 3, (36) 'biometric verification' means the automated, one-to-one verification.	(14) The notion of 'biometric verification' means the automated, one-to-one verification.	(15) The notion of 'biometric verification' means the automated, one-to-one verification.
Global vision Art. 3, (36)	Global vision (14) - (15) - (17) - (54)	Global vision

Standards
Global vision
27000:2018 ISO/IEC

140 Authenticity

WG 3

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision (133) - (135)	Global vision

Standards
Global vision
27000:2018 ISO/IEC

266 Autonomy

WG 1
WG 2
WG 5

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Art. 3, (1) 'AI system' means a machine-based system that is designed to operate with autonomy based on the data it is provided with and that with suitable level of oversight measures shall be commensurate with the risks, level of automation and context of use of the high-risk AI system and shall be...	(12) The notion of 'AI system' means a machine-based system that is designed to operate with autonomy based on the data it is provided with and that with suitable level of oversight measures shall be commensurate with the risks, level of automation and context of use of the high-risk AI system and shall be...	(27) While the risk-based approach is applicable to AI-enabled systems, the risk-based approach shall also be applicable to general-purpose AI systems.
Art. 14, 3	(29) AI-enabled systems shall be subject to the risk-based approach.	(110) General-purpose AI systems shall be subject to the risk-based approach.
Global vision Art. 3, (1) - Art. 14, 3	Global vision (12) - (27) - (29) - (110) - (111)	Global vision

Standards
Global vision
24028:2020 ISO/IEC TR -
8200:2024 ISO/IEC TS -
29113-11:2020 ISO/IEC TR

141 Availability

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Al Act Article	Text
Art. 10, 2(e)	an assessment of the availability, quantity and suitability of the data
Art. 31, 11	Notified bodies shall have sufficient internal competences to be able
Art. 43, 6	The Commission is empowered to adopt delegated acts in accordance
Global vision	
Art. 10, 2(e) - Art. 31, 11 - Art. 43, 6	

Whereas

Annexes

Whereas	Annexes
(71) Having	
(130) Under certain	
(131) In order to facilitate	
(133) A variety of AI	
Global vision	
(71) - (130) - (131) - (133)	

Standards
Global vision
25012:2008 ISO/IEC

11 Balance

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Al Act Article	Text
Art. 9, 4	The risk management measures referred to in paragraph 2, point (d),
Global vision	
Art. 9, 4	

Whereas	Annexes
(165) The development of	
Global vision	
(165)	

Standards
Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC

12 Benchmark and measurement methodologies

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Al Act Article	Text
Global vision	

Whereas	Annexes
Global vision	
Global vision	

Standards
Global vision
5259-2:2024 ISO/IEC

299 Beneficial

WG 4

Terms

Variant

beneficialness

Governance
 Management
 Process
 Product
 Altro...

Al Act Article	Text
Global vision	

Whereas	Annexes
(4) AI is a fast evolving	
(26) Aside from the mar	
(142) To ensure that AI	
Global vision	
(4) - (26) - (142)	

Standards
Global vision
21221 ISO/IEC WD

126 Beneficialness

WG 4

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Benefit

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 25019:2023 ISO/IEC

298 Benefit

WG 4

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Benefit

AI Act Article

Art. 7, 2(j) the magnitude and likelihood of benefit of the deployment of the AI

Global vision

Art. 7, 2(j)

Whereas

(8) A Union legal framework...
 (27) While the risk-based approach...
 (58) Another area in which the use of AI...
 (103) Free and open-source AI

Global vision

(8) - (27) - (58) - (103) - (141)

Annexes

Global vision

Standards
 Global vision
 21221 ISO/IEC WD

14 Bias

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Bias

AI Act Article

Art. 10, 5 To the extent that it is strictly necessary for the purpose of ensuring the development and provision of reliable and effective AI systems...
 Art. 10, 5(a) the bias detection and correction cannot be effectively fulfilled by processing other data, including synthetic or generated data...
 Art. 10, 5(e) the special categories of personal data are deleted once the bias has been detected or the personal data has been corrected...
 Art. 14, 4(b) to remain aware of the possible tendency of algorithmically relying on generated content as provided for in Article 14, paragraph 1(b) of Regulation (EU) 2022/868...
 Art. 70, 1 Each Member State shall establish or designate as national competent authorities at least one or more bodies...

Global vision

Art. 10, 5 - Art. 10, 5(a) - Art. 10, 5(e) - Art. 14, 4(b) - Art. 70, 1

Whereas

(70) In order to protect the stability of...
 (110) General-purpose AI...
 (154) The national...
 (156) In order to ensure...

Global vision

(70) - (110) - (154) - (156)

Annexes

Global vision

Standards
 Global vision
 24027:2021 ISO/IEC TR - 29119-11:2020 ISO/IEC TR - 12791-2:2024 ISO/IEC DTS

13 Bias detection and correction

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

dataset

AI Act Article

Art. 10, 5 To the extent that it is strictly necessary for the purpose of ensuring the development and provision of reliable and effective AI systems...
 Art. 10, 5(a) the bias detection and correction cannot be effectively fulfilled by processing other data, including synthetic or generated data...

Global vision

Art. 10, 5 - Art. 10, 5(a)

Whereas

(70) In order to protect the stability of...

Global vision

(70)

Annexes

Global vision

Standards
 Global vision
 5259-2:2024 ISO/IEC

15 Bias in AI system

WG 2

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	
Art. 10, 5	To the extent that it is strictly necessary for the purpose of ensuring
Art. 14, 4(b)	to remain aware of the possible tendency of automatically relying on
Global vision	
Art. 10, 5 - Art. 14, 4(b)	

Whereas	
(70)	In order to protect
(110)	General-purpose AI
(156)	In order to ensure
Global vision	
(70) - (110) - (156)	

Annexes	
Global vision	

Standards
Global vision
9868 ISO/IEC DIS

293 Biometric algorithm

WG 3

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	
Global vision	

Whereas	
Global vision	

Annexes	
Global vision	

Standards
Global vision
9868 ISO/IEC DIS

292 Biometric characteristic

WG 3

Terms

Governance
 Management
 Process
 Altro...

Variant

AI Act Article	
Art. 3, (34)	'biometric data' means personal data resulting from specific technical
Global vision	
Art. 3, (34)	

Whereas	
(15)	The notion of
(18)	The notion of
(54)	As biometric data
(132)	certain AI systems
Global vision	
(15) - (18) - (54) - (132)	

Annexes	
III	High-risk AI systems
Global vision	
III	

Standards
Global vision
9868 ISO/IEC DIS

290 Biometric data

WG 3

Terms

Governance
 Management
 Process
 Altro...

Variant

AI Act Article	
Art. 3, (34)	'biometric data' means personal data resulting from specific technical
Art. 3, (35)	biometric data for the purposes of automated recognition of physical,
Art. 3, (36)	physiological, behavioural or psychobiological human features for the
Art. 3, (39)	biometric verification means the automated, one-to-one verification,
Art. 3, (40)	inclusion and identification of the identity of natural persons by
Art. 3, (40)	emotion recognition system means an AI system for the purpose of
Art. 3, (40)	biometric categorisation system means an AI system for the purpose
Global vision	
Art. 3, (34) - Art. 3, (35) - Art. 3, (36) - Art. 3, (39) - Art. 3, (40) - Art. 3, (41) - Art. 3, (42) - Art. 5, 1(g) - Art. 5, 1(h)(iii) - Art. 5, 2 - Art. 5, 3 - Art. 5, 4 - Art. 5, 6 - Art. 5, 7 - Art. 26, 10 - Art. 50, 3	

Whereas	
(3)	AI systems can be
(14)	The notion of
(15)	The notion of
(16)	The notion of
Global vision	
(3) - (14) - (15) - (16) - (17) - (18) - (30) - (34) - (35) - (36) - (38) - (39) - (40) - (41) - (44) - (54) - (94) - (95) - (132)	

Annexes	
X	Union legislative act
Global vision	
X	

Standards
Global vision
9868 ISO/IEC DIS

WG 3 Sector Terms

291 Biometric identification

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	
Art. 3, (35)	'biometric identification' means the automated recognition of physical, physiological, behavioural, biometric, or any combination of these characteristics for the purpose of identifying a natural person.
Art. 3, (41)	'remote biometric identification system' means an AI system for the purpose of identifying a natural person by means of a remote biometric identification system.
Art. 3, (42)	'real-time remote biometric identification system' means a remote biometric identification system that is used to identify a natural person in real-time.
Art. 3, (43)	'post-remote biometric identification system' means a remote biometric identification system that is used to identify a natural person after the use of real-time remote biometric identification systems in publicly accessible spaces for the purpose of law enforcement.
Art. 5, 1(h)	
Global vision Art. 3, (35) - Art. 3, (41) - Art. 3, (42) - Art. 3, (43) - Art. 5, 1(h) - Art. 5, 1(h)(iii) - Art. 5, 2 - Art. 5, 2 - Art. 5, 3 - Art. 5, 4 - Art. 5, 5 - Art. 5, 6 - Art. 5, 7 - Art. 26, 10	

Whereas
(3) AI systems can be developed to identify natural persons.
(14) The notion of biometric identification systems is defined in Article 3(35).
(15) The notion of remote biometric identification systems is defined in Article 3(41).
(17) The notion of real-time remote biometric identification systems is defined in Article 3(42).

Annexes
III High-risk AI systems
X Union legislative acts

Standards
Global vision
 9868 ISO/IEC DIS

198 Bounded domain

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	
Global vision	

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
 24029-2:2023 ISO/IEC

109 Business requirements

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article	
Art. 25, 4	The provider of a high-risk AI system and the third party that supplies, maintains or repairs that high-risk AI system.
Global vision Art. 25, 4	

Whereas
(90) The Commission shall develop a standard for the development of AI systems, referred to in Article 16(15), that is based on the state of the art.
(165) The development of AI systems shall be based on the state of the art.
Global vision (90) - (165)

Annexes
Global vision

Standards
Global vision
 8183:2023 ISO/IEC

252 Categorization

WG 1
 WG 2
 WG 3
 WG 4
 WG 5

Governance
 Management
 Process
 Product
 Altro...

Classification

AI Act Article	
Global vision	

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
 12182:2015 ISO/IEC TR

16 Characteristics of the data sets may be met at the level of individual data sets or combination

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 10, 3
Training, validation and testing data sets shall be relevant, sufficiently representative and to the best extent possible free of errors and bias.
Global vision
Art. 10, 3

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
 24027:2021 ISO/IEC TR

17 Characteristics or elements that are particular to the specific geographical, contextual, behavioural

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 10, 4
Data sets shall take into account, to the extent required by the ...
Global vision
Art. 10, 4

Whereas	Annexes
(67) High-quality data and access to high-quality data	
Global vision	Global vision
(67)	

Standards
Global vision

253 Classification

WG 1

WG 2

WG 3

WG 4

WG 5

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
SECTION 1
Classification of AI systems as high-risk
SECTION 1
Classification rules
Art. 5, 1(c)
the placing on the market, the putting into service or the use of AI systems, including the deployment of such AI systems
Art. 6
Classification rules for high-risk AI systems
Art. 51
Classification of general-purpose AI models as general-purpose AI models
Global vision
Art. 5, 1(c) - SECTION 1 - Art. 6 - SECTION 1 - Art. 51 - Art. 68, 3(a)(iii) - Art. 68, 3(a)(iv) - Art. 80, 1

Whereas	Annexes
(51) The classification of AI systems as high-risk	4 IV Technical document
(61) Certain AI systems	4 XI Technical document
(111) It is appropriate to establish	
(112) It is also necessary	
Global vision	Global vision
(51) - (61) - (111) - (112) - (173) - (179)	IV - XI

Standards
Global vision
 4213:2022 ISO/IEC TS - 4213-1 ISO/IEC AWI

80 Cleaning

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 10, 2(c)
relevant data-preparation processing operations, such as annotation, labelling, cleansing, validation, normalization and de-noising.
Global vision
Art. 10, 2(c)

Whereas	Annexes
	4 IV Technical document
	4 XI Technical document
Global vision	Global vision
	IV - XI

Standards
Global vision
 42001:2023 ISO/IEC

178 Cloud service

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
5259-4:2024 ISO/IEC - 5339:2024 ISO/IEC

301 Clustering

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
4213-1 ISO/IEC AWI

98 Compatibility

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
(103) Free and open-source AI
Global vision (103)

Annexes
Global vision

Standards
Global vision
25059:2023 ISO/IEC - 25010:2023 ISO/IEC

105 Competence

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Art. 14, 5
Art. 26, 2
Art. 30, 3
Art. 31, 10
Art. 37
Global vision
Art. 14, 5 - Art. 26, 2 - Art. 30, 3 - Art. 31, 10 - Art. 37 - Art. 37, 1 - Art. 37, 2 - Art. 68, 2(a) - Art. 70, 3

Whereas
(73) High-risk AI system should be designed
(91) Given the nature of AI systems used in order to carry out
(126) in order to minimise
(145) in order to minimise
Global vision (73) - (91) - (126) - (145)

Annexes
Global vision

Standards
Global vision
42001:2023 ISO/IEC - 27000:2018 ISO/IEC

19 Complete

WG 3

Terms

Variant

AI Act Article

Governance
 Management
 Process
 Product
 Altro...

Art. 10, 3	Training, validation and testing data sets shall be relevant, sufficiently diverse and shall be based on accessible, state-of-the-art data.
Art. 13, 2	High-risk AI systems shall be accompanied by instructions for use in accordance with Article 10.
Art. 36, 3	Where a notified body decides to cease its conformity assessment...
Art. 59, 1(i)	a complete and detailed description of the process and rationale behind the design, testing and validation of the AI system as well as...
Art. 73, 5	Where necessary to ensure timely reporting, the provider or, where applicable, the developer, shall submit a report that is appropriate...

Global vision

Art. 10, 3 - Art. 13, 2 - Art. 36, 3 - Art. 59, 1(i) - Art. 73, 5

Whereas

Annexes

(67) High-quality data
 (159) Each market surveillance...

Global vision

(67) - (159)

Global vision

Standards
Global vision
25012:2008 ISO/IEC

20 Completeness

WG 3

Terms

Variant

AI Act Article

Complete

Governance
 Management
 Process
 Product
 Altro...

Global vision

Global vision

Global vision

Standards
Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC -
25019:2023 ISO/IEC -
25012:2008 ISO/IEC

21 Compliance

WG 1

WG 2

WG 3

WG 4

WG 5

Terms

Variant

AI Act Article

complete

Governance
 Management
 Process
 Product
 Altro...

Art. 3, (23)	"substantial modification" means a change to an AI system after its deployment with the requirements...
Art. 8	Compliance with the requirements
Art. 8, 1	High-risk AI systems shall comply with the requirements laid down in this Section, taking into account their intended purpose as well as the...
Art. 8, 2	Where a product contains an AI system, to which the requirements of this Regulation as well as requirements of the Union, applying...
Art. 9, 6	High-risk AI systems shall be tested for the purpose of identifying the potential for substantial modification...

Global vision

Art. 3, (23) - Art. 8 - Art. 8, 1 - Art. 8, 2 - Art. 9, 6 - Art. 10, 2(h) - Art. 11, 1 - Art. 11, 3 - Art. 13, 1 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 2 - Art. 20, 2 - Art. 22, 3(e) - Art. 23, 4 - Art. 24, 3 - Art. 24, 4 - Art. 25, 2 - Art. 29, 3 - Art. 29, 4 - Art. 34, 2 - Art. 39 - Art. 43, 1 - Art. 43, 1(b) - Art. 43, 3 - Art. 44, 3 - Art. 46, 5 - Art. 47, 4 - Art. 53, 4 - Art. 53, 5 - Art. 54, 9(c) - Art. 54, 4 - Art. 55, 2 - Art. 57, 7 - Art. 57, 9(a) - Art. 57, 12 - Art. 59, 3 - Art. 60, 4(h) - Art. 63, 1 - Art. 72, 2 - Art. 73, 7 - Art. 74, 11 - Art. 75, 1 - Art. 75, 2 - Art. 76, 2 - Art. 79, 2 - Art. 79, 3 - Art. 79, 6 - Art. 79, 6(a) - Art. 79, 6(d) - Art. 79, 7 - Art. 79, 8 - Art. 80, 2 - Art. 80, 4 - Art. 81, 1 - Art. 81, 3 - Art. 83 - Art. 83, 1 - Art. 83, 2 - Art. 86, 2 - Art. 89, 1 - Art. 91, 1 - Art. 92, 1(a) - Art. 99, 3 - Art. 99, 4 - Art. 100, 1(d) - Art. 100, 2 - Art. 100, 3 - Art. 111, 1

(9)	Harmonised rules applicable to the...
(10)	The fundamental...
(20)	In order to obtain it...
(24)	High-risk AI systems shall be tested for the purpose of identifying the potential for substantial modification...

Global vision

(9) - (10) - (20) - (24) - (40) - (46) - (64) - (67) - (69) - (71) - (77) - (80) - (82) - (83) - (84) - (85) - (86) - (95) - (104) - (106) - (108) - (109) - (112) - (117) - (121) - (124) - (128) - (134) - (137) - (139) - (143) - (145) - (146) - (156) - (160) - (161) - (164) - (168) - (169) - (179)

Global vision

IV - VI - VII

Standards
Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC -
25019:2023 ISO/IEC -
25012:2008 ISO/IEC

147 Compliance with the requirements

WG 1

WG 2

WG 3

WG 4

WG 5

Terms

Variant

AI Act Article

Governance
 Management
 Process
 Product
 Altro...

Art. 3, (23)	"substantial modification" means a change to an AI system after its deployment with the requirements...
Art. 8	Compliance with the requirements
Art. 8, 1	High-risk AI systems shall comply with the requirements laid down in this Section, taking into account their intended purpose as well as the...
Art. 8, 2	Where a product contains an AI system, to which the requirements of this Regulation as well as requirements of the Union, applying...
Art. 9, 6	High-risk AI systems shall be tested for the purpose of identifying the potential for substantial modification...

Global vision

Art. 3, (23) - Art. 8 - Art. 8, 1 - Art. 8, 2 - Art. 9, 6 - Art. 11, 1 - Art. 11, 3 - Art. 23, 4 - Art. 24, 3 - Art. 24, 4 - Art. 29, 3 - Art. 29, 4 - Art. 34, 2 - Art. 39 - Art. 43, 1 - Art. 43, 1(b) - Art. 43, 3 - Art. 44, 3 - Art. 47, 4 - Art. 57, 7 - Art. 63, 1 - Art. 72, 2 - Art. 75, 2 - Art. 79, 2 - Art. 80, 2 - Art. 80, 4 - Art. 100, 3 - Art. 111, 1

(9)	Harmonised rules applicable to the...
(46)	High-risk AI systems shall comply with the requirements laid down in this Section, taking into account their intended purpose as well as the...
(64)	To mitigate the risk faced by high-risk AI systems...
(67)	High-quality data

Global vision

(9) - (46) - (64) - (67) - (69) - (71) - (77) - (80) - (84) - (104) - (109) - (112) - (121) - (124) - (146) - (156)

Global vision

IV - VI - VII

Standards
Global vision
27000:2018 ISO/IEC

310 Confidence level

WG 3

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
25223:2024 ISO/IEC AWI TS

23 Confidentiality

WG 3

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 2, 7 - Union law on the protection of personal data, privacy and the special categories of personal data are subject to measures to protect that data against unauthorised processing.
Art. 10, 5(c) - High-risk AI systems shall be resilient against attempts by malicious third parties to alter, bypass, obstruct or tamper with.
Art. 15, 5 - Any information obtained by a competent authority pursuant to this Article shall be maintained in strict confidentiality and shall not be disseminated.
Art. 21, 3 - Notifying authorities shall safeguard the confidentiality of the information that they receive in accordance with Article 26.
Art. 28, 6 -
Global vision

Whereas	Annexes
(10) The fundamental right to the protection of personal data	Global vision
(151) To support the national classification scheme	
(154) The national classification scheme in order to ensure mutual trust	
(167) To address	
(10) - (151) - (154) - (167)	

Standards
Global vision
25024:2015 ISO/IEC - 5259:2024 ISO/IEC - 27000:2018 ISO/IEC - 25012:2006 ISO/IEC

144 Conformity

WG 2

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 3, (19) - notifying authority means the national authority responsible for setting the assessment and the process of demonstrating whether the assessment set out in Chapter III, Section 2 applies to a notified body.
Art. 3, (20) - conformity assessment means the process of demonstrating whether a notified body means a body that performs third-party notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (21) - conformity assessment body means a body that performs third-party notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (22) - notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (23) - substantial modification means a change to an AI system after its notification that constitutes a change to its technical mission or its technical specifications.
Global vision

Whereas	Annexes
(49) As regards high-risk AI systems that are not subject to the classification scheme	4 IV Technical documents
(50) As regards AI systems that are not subject to the classification scheme	5 V EU declaration of conformity
(51) The classification scheme	6 VI Conformity assessment
(72) Without prejudice to the classification scheme	7 VII Conformity based on technical specifications
(49) - (50) - (51) - (72) - (77) - (78) - (81) - (86) - (117) - (121) - (122) - (124) - (125) - (126) - (127) - (128) - (129) - (139) - (143) - (147) - (173) - (179)	IV - V - VI - VII - VIII

Standards
Global vision
42001:2023 ISO/IEC - 27000:2018 ISO/IEC - 42006:2024 ISO/IEC DIS

326 Conformity assessment

WG 2

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Art. 3, (19) - notifying authority means the national authority responsible for setting the assessment and the process of demonstrating whether the assessment set out in Chapter III, Section 2 applies to a notified body.
Art. 3, (20) - conformity assessment means the process of demonstrating whether a notified body means a body that performs third-party notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (21) - conformity assessment body means a body that performs third-party notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (22) - notified body means a conformity assessment body notified in accordance with this Regulation and whose technical mission is to ensure that notified AI systems, data sets and AI system after its substantial modification meet the requirements set out in Article 11.
Art. 3, (23) - substantial modification means a change to an AI system after its notification that constitutes a change to its technical mission or its technical specifications.
Global vision

Whereas	Annexes
(49) As regards high-risk AI systems that are not subject to the classification scheme	4 IV Technical documents
(50) As regards AI systems that are not subject to the classification scheme	5 V EU declaration of conformity
(51) The classification scheme	6 VI Conformity assessment
(77) Without prejudice to the classification scheme	7 VII Conformity based on technical specifications
(49) - (50) - (51) - (77) - (78) - (81) - (86) - (124) - (125) - (126) - (127) - (128) - (139) - (143) - (147) - (173) - (179)	IV - V - VI - VII - VIII

Standards
Global vision

115 Customer

WG 3	
WG 4	

- Governance
- Management
- Process
- Product
- Altro...

Global vision

Global vision

Standards

Global vision
25019:2023 ISO/IEC

215 Cybersecurity

WG 5	

- Governance
- Management
- Process
- Product
- Altro...

Art. 13, 3(b)(ii) the level of accuracy, including its metrics, robustness and
Art. 15 Accuracy, robustness and cybersecurity
Art. 15, 1 High-risk AI systems shall be designed and developed in such a way that they achieve an acceptable level of accuracy, robustness, and
Art. 15, 5 High-risk AI systems shall be resilient against attempts by
Art. 31, 2 Notified bodies shall satisfy the organisational, quality management,
Global vision
Art. 13, 3(b)(ii) - Art. 15 - Art. 15, 1 - Art. 15, 5 - Art. 31, 2 - Art. 42, 2 - Art. 55, 1(d) - Art. 58, 2(f) - Art. 86, (h) - Art. 70, 3 - Art. 70, 4 - Art. 78, 2

(54)	As biometric data
(55)	Artificial intelligence
(66)	Requirements
(74)	High-risk AI systems

Global vision

Standards

Global vision
22989:2022 ISO/IEC

260 Data

WG 3	

- Governance
- Management
- Process
- Product
- Altro...

Art. 2, 7 Union law on the protection of personal data, privacy and the
Art. 3, (29) training data means data used for training an AI system through fitting
Art. 3, (30) validation data means data used for providing an evaluation of the
Art. 3, (31) test data means data used as a separate data set or part of the training
Art. 3, (32) testing data means data used for providing an independent evaluation
Global vision
Art. 2, 7 - Art. 3, (29) - Art. 3, (30) - Art. 3, (31) - Art. 3, (32) - Art. 3, (33) - Art. 3, (34) - Art. 3, (35) - Art. 3, (36) - Art. 3, (37) - Art. 3, (38) - Art. 3, (39) - Art. 3, (40) - Art. 3, (41) - Art. 3, (42) - Art. 3, (48) - Art. 3, (50) - Art. 3, (51) - Art. 3, (57) - Art. 3, (63) - Art. 5, 1(c)(i) - Art. 5, 1(g) - Art. 5, 1(n)(ii) - Art. 5, 3 - Art. 5, 4 - Art. 5, 6 - Art. 5, 7 - Art. 7, 2(c) - Art. 8, 2(c) - Art. 10 - Art. 10, 1 - Art. 10, 2 - Art. 10, 2(b) - Art. 10, 2(c) - Art. 10, 2(d) - Art. 10, 2(e) - Art. 10, 2(f) - Art. 10, 2(h) - Art. 10, 3 - Art. 10, 4 - Art. 10, 5 - Art. 10, 5(a) - Art. 10, 5(b) - Art. 10, 5(c) - Art. 10, 5(d) - Art. 10, 5(e) - Art. 10, 5(f) - Art. 10, 5(g) - Art. 10, 5(h) - Art. 12, 3(b) - Art. 12, 3(c) - Art. 13, 3(b)(ii) - Art. 15, 5 - Art. 17, 1(f) - Art. 17, 1(i) - Art. 19, 1 - Art. 26, 4 - Art. 26, 5 - Art. 26, 6 - Art. 26, 9 - Art. 26, 10 - Art. 27, 4 - Art. 31, 11 - Art. 42, 1 - Art. 46, 3 - Art. 50, 2 - Art. 50, 3 - Art. 57, 3 - Art. 57, 10 - Art. 58, 2(g) - Art. 59 - Art. 59, 1 - Art. 59, 1(b) - Art. 59, 1(c) - Art. 59, 1(e) - Art. 59, 1(f) - Art. 59, 1(g) - Art. 59, 1(h) - Art. 59, 1(i) - Art. 59, 2 - Art. 59, 3 - Art. 60, 4(e) - Art. 60, 4(f) - Art. 60, 5 - Art. 65, 2 - Art. 65, 4(c) - Art. 68, (h) - Art. 68, 4 - Art. 70, 3 - Art. 70, 9 - Art. 71, 2 - Art. 71, 3 - Art. 71, 5 - Art. 72, 2 - Art. 74, 9 - Art. 74, 9 - Art. 74, 12 - Art. 74, 13(b) - Art. 75, 1 - Art. 78, 2 - Art. 78, 3 - Art. 82, 3 - Art. 100, 1 - Art. 100, 1(d) - Art. 100, 1(f) - Art. 100, 4 - Art. 100, 5 - Art. 100, 7

(3)	AI systems can be
(9)	Harmonised rules
(10)	The fundamental
(12)	The notion of AI

Global vision

Standards

Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC -
42001:2023 ISO/IEC -
24028:2020 ISO/IEC TR -
52523:2024 ISO/IEC AWI
TS - 5259-6:2024 CD TR

330 Data acquisition

WG 3	

- Governance
- Management
- Process
- Product
- Altro...

Art. 17, 1(f) systems and procedures for data management, including data
Global vision
Art. 17, 1(f)

Global vision

Standards

Global vision
42001:2023 ISO/IEC

335 Data aggregation

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 10, 2(c)		
Art. 17, 1(f)		
Global vision		
Art. 10, 2(c) - Art. 17, 1(f)		

Whereas	Annexes
Global vision	Global vision

Standards
Global vision

331 Data analysis

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 9, 2(c)		
Art. 17, 1(f)		
Art. 72, 2		
Global vision		
Art. 9, 2(c) - Art. 17, 1(f) - Art. 72, 2		

Whereas	Annexes
(105) General-purpose AI models - in particular in order to ensure that requirements of high-quality data	
Global vision	Global vision
(105) - (155)	

Standards
Global vision

106 Data bias

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 10, 2(f)		
Art. 10, 5		
Art. 10, 5(a)		
Art. 10, 5(e)		
Art. 10, 5(f)		
Global vision		
Art. 10, 2(f) - Art. 10, 5 - Art. 10, 5(a) - Art. 10, 5(e) - Art. 10, 5(f)		

Whereas	Annexes
(27) While the risk-based approach is the most appropriate for the purpose of ensuring the detection and correction of biases in the data used for the training, development, testing, validation and operation of high-quality data	
(54) As biometric data	
(61) Certain AI systems	
(67) High-quality data	
Global vision	Global vision
(27) - (54) - (61) - (67) - (70) - (156)	
	XI

Standards
Global vision
24027:2021 ISO/IEC TR

29 Data collection processes

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 10, 2(b)		
Global vision		
Art. 10, 2(b)		

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
5259-1:2024 ISO/IEC - 31010:2019 IEC

185 Data decommissioning

WG 3

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
5259-4:2024 ISO/IEC

333 Data filtration

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 17, 1(f) systems and procedures for data management, including data

Global vision
Art. 17, 1(f)

Whereas

Global vision

Annexes

Global vision

Standards
Global vision

174 Data format

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 50, 2 Providers of AI systems, including general-purpose AI systems.

Global vision
Art. 50, 2

Whereas

Global vision
(132) - (133)

Annexes

Global vision
XI - XII

Standards
Global vision
5259-3:2024 ISO/IEC -
8000-1:2022 ISO

166 Data governance

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 10 Data and data governance
Art. 10, 2 Training, validation and testing data sets shall be subject to data governance and associated operational procedures for the intended purpose.
Art. 26, 5 Employers shall monitor the operation of the high-risk AI system on the basis of the instructions for use and, where relevant, instructions.
Art. 26, 6 Deployers of high-risk AI systems shall keep the logs automatically generated by the high-risk AI system to the extent necessary for the intended purpose.

Global vision
Art. 10 - Art. 10, 2 - Art. 26, 5 - Art. 26, 6

Whereas

Global vision
(27) - (67) - (68) - (69) - (122) - (165)

Annexes

Global vision

Standards
Global vision
5259-1:2024 ISO/IEC -
5259-5:2024 ISO/IEC
FDIS - 8000-1:2022 ISO

22 Data holder

WG 3
WG 4

Governance
 Management
 Process
 Product
 Altro...

Global vision

(107)
In order to increase transparency on the

Global vision
(107)

Global vision

Standards
Global vision
5259-1:2024 ISO/IEC

183 Data labelling

WG 3

Governance
 Management
 Process
 Product
 Altro...

Art. 5, 1(g)	the placing on the market, the putting into service for this specific
Art. 10, 2(c)	relevant data-preparation processing operations, such as annotation, labelling, cleansing, grading, normalisation and anonymisation
Art. 17, 1(f)	systems and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage

Global vision
Art. 5, 1(g) - Art. 10, 2(c) - Art. 17, 1(f)

(30)	Biometric communication

Global vision
(30)

IV	Technical document

Global vision
IV

Standards
Global vision
5259-4:2024 ISO/IEC

30 Data life cycle

WG 3

Governance
 Management
 Process
 Product
 Altro...

Global vision

Global vision

Global vision

Standards
Global vision
8183:2023 ISO/IEC - 5259-1:2024 ISO/IEC - 5259-4:2024 ISO/IEC

329 Data management

WG 3

Governance
 Management
 Process
 Product
 Altro...

Art. 10, 2	Training, validation and testing data sets shall be subject to data management and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage
Art. 17, 1(f)	systems and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage
Art. 74, 8	For high-risk AI systems listed in point 1 of Annex III to this Regulation, data sets shall be subject to data management and procedures for data management, including data acquisition, data collection, data analysis, data labelling, data storage

Global vision
Art. 10, 2 - Art. 17, 1(f) - Art. 74, 8

(57)	AI systems used in environment
(60)	AI systems used in environment - requirements
(66)	Requirements
(67)	High-quality data

Global vision
(57) - (60) - (66) - (67) - (71) - (131) - (155) - (159)

IV	Technical document
VII	Conformity based on requirements
VIII	Information to be supplied to the user

Global vision
IV - VII - VIII

Standards
Global vision

334 Data mining

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 17, 1(f) systems and procedures for data management, including data protection, data notification, data analysis, data labelling, data annotation.

Global vision
Art. 17, 1(f)

Whereas

(105) General-purpose AI models in non-trivial

Global vision
(105)

Annexes

Global vision

Standards
Global vision

31 Data processed are secured, protected, subject to suitable safeguards, including strict controls

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 10, 5(c) the special categories of personal data are subject to measures to

Global vision
Art. 10, 5(c)

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
8183:2023 ISO/IEC

343 Data protection

WG 2

Terms

Variant

privacy

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 2, 7 Union law on the protection of personal data, privacy and the
 Art. 3, (48) national competent authority means a notifying authority or a market
 Art. 5, 4 Without prejudice to paragraph 3, each use of a 'real-time' remote
 Art. 5, 6 National market surveillance authorities and the national data
 Art. 19, 1 Providers of high-risk AI systems shall keep the logs referred to in

Global vision
Art. 2, 7 - Art. 3, (48) - Art. 5, 4 - Art. 5, 6 - Art. 19, 1 - Art. 26, 6 - Art. 26, 9 - Art. 26, 10 - Art. 27, 4 - Art. 57, 3 - Art. 57, 10 - Art. 58, 2(g) - Art. 59, 1(e) - Art. 59, 1(f) - Art. 59, 3 - Art. 65, 2 - Art. 66, (h) - Art. 70, 3 - Art. 70, 9 - Art. 74, 8 - Art. 74, 9 - Art. 100, 1 - Art. 100, 1(d) - Art. 100, 1(f) - Art. 100, 4 - Art. 100, 5 - Art. 100, 7

Whereas

(3) AI systems can be
 (9) Harmonised rules
 (10) The fundamental
 (22) in light of their digit

Global vision
(3) - (9) - (10) - (22) - (27) - (28) - (36) - (39) - (45) - (48) - (54) - (57) - (60) - (63) - (67) - (69) - (115) - (141) - (156) - (157) - (159) - (165) - (168) - (180)

Annexes

7 VII Conformity based on
 8 VIII Information to be su
 Global vision
 VII - VIII

Standards
Global vision

167 Data provenance

WG 3

WG 4

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Global vision

Whereas

(133) A variety of AI

Global vision
(133)

Annexes

4 IV Technical document
 XI Technical document
 XII Transparency inform

Global vision
IV - XI - XII

Standards
Global vision
5259-2:2024 ISO/IEC -
5259-1:2024 ISO/IEC

116 Data quality

WG 3
WG 4
WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 10, 1 High-risk AI systems which make use of techniques involving the processing of AI-related data shall be developed on the basis of	(27) While the risk-based approach in this Regulation is the basis for the development of high-quality data, it is appropriate to establish additional requirements for high-quality data.	IV Technical document VII Conformity based on
Global vision Art. 10, 1		

Whereas	Annexes
(27) While the risk-based approach in this Regulation is the basis for the development of high-quality data, it is appropriate to establish additional requirements for high-quality data.	IV Technical document VII Conformity based on
Global vision (27) - (59) - (66) - (67) - (68) - (111)	Global vision IV - VII - XIII

Standards
Global vision
42001:2023 ISO/IEC - 5259-1:2024 ISO/IEC - 25019:2023 ISO/IEC - 25012:2008 ISO/IEC - 9000-1:2022 ISO - 5259 -6:2024 CD TR

184 Data quality assessment

WG 2
WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
(59) Given their role and responsibilities, for the development and assessment of (111) it is appropriate to establish		IV Technical document VII Conformity based on
Global vision		

Whereas	Annexes
(59) Given their role and responsibilities, for the development and assessment of (111) it is appropriate to establish	IV Technical document VII Conformity based on
Global vision (59) - (68) - (111)	Global vision IV - VII

Standards
Global vision
5259-4:2024 ISO/IEC

169 Data quality culture

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
5259-3:2024 ISO/IEC

165 Data quality management

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
(66) Requirements for high-quality data	IV Technical document VII Conformity based on
Global vision (66) - (67)	Global vision IV - VII

Standards
Global vision
5259-1:2024 ISO/IEC - 5259-3:2024 ISO/IEC - 9000-1:2022 ISO

WG Sector Terms

171 Data quality management lifecycle

WG 1
WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
 5259-3:2024 ISO/IEC

163 Data quality model

WG 3

Governance
 Management
 Process
 Product
 Altro...

Quality criteria

AI Act Article
Art. 10, 1 High-risk AI systems which make use of techniques involving the
Global vision
Art. 10, 1

Whereas
(27) While the risk-based approach in the high-quality data and appropriate to establish
(67) High-quality data
(111) It is appropriate to establish
Global vision
(27) - (67) - (111)

Annexes
IV Technical document
VII Conformity based on
XIII Criteria for the design
Global vision
VII - XIII

Standards
Global vision
 5259-2:2024 ISO/IEC -
 5259-1:2024 ISO/IEC -
 25012:2008 ISO/IEC -
 12791-2:2024 ISO/IEC
 DTS

168 Data quality plan

WG 1
WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
Global vision

Annexes
IV Technical document
Global vision
IV

Standards
Global vision
 5259-3:2024 ISO/IEC

180 Data quality process principles

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas
(27) While the risk-based approach in the
Global vision
(27)

Annexes
Global vision

Standards
Global vision
 5259-4:2024 ISO/IEC

181 Data quality process validation

WG 2	
WG 3	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	

Global vision

Whereas	

Global vision

Annexes	

4 IV Technical document
Global vision

Standards
Global vision
5259-4:2024 ISO/IEC

28 Data quality reporting

WG 3	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	

Global vision

Whereas	

Global vision

Annexes	

Global vision

Standards
Global vision
5259-2:2024 ISO/IEC -
22989:2022 ISO/IEC

338 Data quality requirements

WG 3	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	

Global vision

Whereas	

(27) While the risk-based
(59) Given their role and
(66) Requirements
(67) High-quality data
Global vision
(27) - (59) - (66) - (67)

Annexes	

4 IV Technical document
7 VII Conformity based on
Global vision
IV - VII

Standards
Global vision
5259-2:2024 ISO/IEC

186 Data quality risk management

WG 3	
WG 2	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	

Global vision

Whereas	

(66) Requirements
(67) High-quality data
Global vision
(66) - (67)

Annexes	

4 IV Technical document
7 VII Conformity based on
Global vision
IV - VII

Standards
Global vision
5259-5:2024 ISO/IEC
FDIS

The data presented here has a value for research and not a legal value.

182 Data requirements

WG 3

Terms

Variant

Data quality model

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 3, (57)	Testing in real-world conditions means the temporary testing of an AI system in the operational environment of the system.
Art. 26, 5	Deployers shall monitor the operation of the high-risk AI system on the basis of the data generated by the system.
Art. 26, 6	Deployers of high-risk AI systems shall keep the logs automatically.
Art. 31, 11	Notified bodies shall have sufficient internal competences to be able effectively to evaluate the tests conducted by operators on their high-risk AI systems that have been trained and tested on data reflecting the specific characteristics of the intended use.

Global vision
 Art. 3, (57) - Art. 26, 5 - Art. 26, 6 - Art. 31, 11 - Art. 42, 1 - Art. 46, 3 - Art. 58, 2(g) - Art. 59, 1(b) - Art. 70, 3 - Art. 72, 2

Whereas

(9)	Harmonised rules
(22)	In light of their digital nature, conditions of
(27)	While the risk-based
(36)	In order to carry out

Global vision
 (9) - (22) - (27) - (36) - (39) - (59) - (60) - (65) - (66) - (67) - (69) - (71) - (77) - (89) - (104) - (109) - (122) - (131) - (132) - (149) - (156) - (157) - (165)

Annexes

4 IV	Technical document
7 VII	Conformity based on

Global vision
 IV - VII

Standards
Global vision
 5259-4:2024 ISO/IEC

337 Data resources

WG 3

Terms

Variant

Data quality model

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 70, 3	Member States shall ensure that their national competent authorities
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Global vision
 Art. 70, 3

Whereas

4 IV	Technical document
XI	Technical document

Global vision
 IV - XI

Standards
Global vision
 42001:2023 ISO/IEC

336 Data retention

WG 3

Terms

Variant

Data recoverability

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 10, 5(e)	the special categories of personal data are deleted once the bias has
Art. 17, 1(f)	systems and procedures for data management, including data
Art. 59, 1(g)	any personal data processed in the context of the sandbox are

Global vision
 Art. 10, 5(e) - Art. 17, 1(f) - Art. 59, 1(g)

Whereas

(67)	AI systems used in
------	--------------------

Global vision
 (67)

Annexes

4 IV	Technical document
VII	Conformity based on
XIII	Criteria for the design

Global vision
 IV - VII - XIII

Standards
Global vision

319 Data set

WG 3

Terms

Variant

File

Governance
 Management
 Process
 Product
 Altro...

AI Act Article

Art. 3, (31)	"validation data set" means a separate data set or part of the training
Art. 10, 1	High-risk AI systems which make use of techniques involving the
Art. 10, 2	Training, validation and testing data sets shall be subject to data
Art. 10, 2(e)	an assessment of the availability, quality and suitability of the data
Art. 10, 3	Training, validation and testing data sets shall be relevant, sufficiently

Global vision
 Art. 3, (31) - Art. 10, 1 - Art. 10, 2 - Art. 10, 2(e) - Art. 10, 3 - Art. 10, 4 - Art. 10, 5 - Art. 10, 6 - Art. 13, 3(b)(vi) - Art. 15, 5 - Art. 26, 5 - Art. 31, 11 - Art. 42, 1 - Art. 72, 2 - Art. 74, 12

Whereas

(10)	The fundamental
(27)	While the risk-based
(30)	Biometric
(36)	In order to carry out

Global vision
 (10) - (27) - (30) - (36) - (38) - (60) - (61) - (66) - (67) - (68) - (69) - (76) - (77) - (85) - (97) - (104) - (107) - (111) - (115) - (122) - (131) - (141) - (156) - (157) - (168)

Annexes

4 IV	Technical document
7 VII	Conformity based on
XIII	Criteria for the design

Global vision
 IV - VII - XIII

Standards
Global vision
 25223:2024 ISO/IEC AWI TS

32 Data set measure for bias

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

(156) In order to ensure...

Global vision

Annexes

Global vision

Standards
 Global vision
 5259-2:2024 ISO/IEC

332 Data storage

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

Data recoverability
 Data retention

AI Act Article

Art. 17, 1(f) systems and procedures for data management, including data...

Global vision
 Art. 17, 1(f)

Whereas

(94) Any processing of...

Global vision

Annexes

Global vision

Standards
 Global vision

162 Data user

WG 3
 WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

(16) The notion of...
 (102) Software and data...
 (111) It is appropriate to...
 (131) In order to facilitate...

Global vision
 (16) - (102) - (111) - (131)

Annexes

4 IV Technical document
 XIII Criteria for the design...

Global vision
 IV - XIII

Standards
 Global vision
 5259-1:2024 ISO/IEC

33 Data-preparation processing

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 10, 2(c) relevant data-preparation processing operations, such as annotation, labelling, cleansing, validation, normalization and anonymisation.

Global vision
 Art. 10, 2(c)

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision

320 Database

WG 3

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 3, (35) 'biometric identification' means the automated recognition of physical, physiological, behavioural, or psychological features for the purpose of uniquely identifying a natural person.	(15) The notion of 'biometric identification' means the automated recognition of physical, physiological, behavioural, or psychological features for the purpose of uniquely identifying a natural person.	8 VIII Information to be supplied
Art. 3, (41) remote biometric identification system means an AI system for the purpose of uniquely identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	(17) The notion of 'remote biometric identification system' means an AI system for the purpose of uniquely identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Art. 5, 2 In addition, the use of 'real-time remote biometric identification' means the use of a remote biometric identification system for the purpose of uniquely identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent, in order to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	(34) In order to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent, the system shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Art. 12, 3(b) the reference database against which input data has been checked by the system.	(53) It is also important to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Art. 26, 8 Deployers of high-risk AI systems that are public authorities, or Union institutions, bodies, offices or agencies shall ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.		
Global vision Art. 3, (35) - Art. 3, (41) - Art. 5, 2 - Art. 12, 3(b) - Art. 26, 8 - Art. 49, 1 - Art. 49, 2 - Art. 49, 3 - Art. 49, 4 - Art. 49, 4(c) - Art. 60, 4(c) - Art. 66, (e)(ii) - CHAPTER VIII - Art. 71 - Art. 71, 1 - Art. 71, 2 - Art. 71, 3 - Art. 71, 4 - Art. 71, 5 - Art. 71, 6 - Art. 80, 8 - Art. 83, 1(e)		

Whereas	Annexes
(15) The notion of 'biometric identification' means the automated recognition of physical, physiological, behavioural, or psychological features for the purpose of uniquely identifying a natural person.	8 VIII Information to be supplied
(17) The notion of 'remote biometric identification system' means an AI system for the purpose of uniquely identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
(34) In order to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent, the system shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
(53) It is also important to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Global vision (15) - (17) - (34) - (53) - (131) - (141)	

Standards
Global vision
 25223:2024 ISO/IEC AWI TS

103 Datasets

WG 3

Data set

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 5, 1(g) the placing on the market, the putting into service for this specific purpose, or the use of a high-risk AI system.		
Global vision Art. 5, 1(g)		

Whereas	Annexes
Global vision	

Standards
Global vision
 25223:2024 ISO/IEC

256 Decision-making

WG 1

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 6, 3(c) the AI system is intended to detect decision-making patterns or behaviours of a natural person.	(10) The fundamental principle of AI-enabled systems is that they shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Art. 86 Right to explanation of individual decision-making	(29) AI-enabled systems shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Art. 86, 1 Any affected person subject to a decision which is taken by the system on the basis of the output from a high-risk AI system, shall be informed of the decision.	(53) It is also important to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
	(61) Certain AI systems shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Global vision Art. 6, 3(c) - Art. 86 - Art. 86, 1		

Whereas	Annexes
(10) The fundamental principle of AI-enabled systems is that they shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
(29) AI-enabled systems shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
(53) It is also important to ensure that the system is used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
(61) Certain AI systems shall be used for the purpose of identifying a natural person on the basis of their facial features, voice, or other biometric data, without their presence or consent.	
Global vision (10) - (29) - (53) - (61)	

Standards
Global vision
 38507:2022 ISO/IEC

94 Decommissioning

WG 3

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
Global vision	

Standards
Global vision
 8183:2023 ISO/IEC

283 Deep learning

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
291119-11.2020 ISO/IEC TR

217 Democracy

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

Art. 2, 1, 1	The purpose of this Regulation is to improve the functioning of the
Art. 74, 8	For high-risk AI systems listed in point 1 of Annex III to this Regulation,

Global vision

Art. 1, 1 - Art. 74, 8

(1)	The purpose of this Regulation is to improve the functioning of the
(2)	This Regulation
(8)	A Union legal instrument of the same nature as that of this Regulation
(27)	While the risk-based approach is the

Global vision

(1) - (2) - (6) - (27) - (28) - (61) - (62) - (176)

Global vision

Standards
Global vision

223 Deployers

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

Art. 2, 1(b)	deployers of AI systems that have their place of establishment or are
Art. 2, 1(c)	providers and deployers of AI systems that have their place of establishment or are located in a third country, whose AI systems
Art. 2, 10	This Regulation does not apply to obligations of deployers who are natural persons or providers and deployers of high-risk AI systems and
SECTION 3	Obligations of providers and deployers of high-risk AI systems and
Art. 3, 1(6)	"recall of an AI system" means any measure aiming to achieve the

Global vision

Art. 2, 1(b) - Art. 2, 1(c) - Art. 2, 10 - Art. 3, 1(6) - Art. 3, 5(6) - Art. 4 - Art. 9, 5(c) - Art. 13 - Art. 13, 1 - Art. 13, 2 - Art. 13, 3(b)(vii) - Art. 13, 3(d) - Art. 13, 3(f) - SECTION 3 - Art. 20, 1 - Art. 26 - Art. 26, 1 - Art. 26, 2 - Art. 26, 5 - Art. 26, 6 - Art. 26, 7 - Art. 26, 8 - Art. 26, 9 - Art. 26, 10 - Art. 26, 11 - Art. 26, 12 - Art. 27, 1 - Art. 27, 3 - Art. 27, 5 - Art. 49, 3 - CHAPTER IV - Art. 50 - Art. 50, 3 - Art. 50, 4 - Art. 50, 6 - Art. 58, 2(b) - Art. 60, 2 - Art. 60, 4(h) - Art. 60, 4(i) - Art. 62 - Art. 62, 1(b) - Art. 62, 1(c) - Art. 71, 6 - Art. 72, 2 - Art. 75, 2 - Art. 95, 2 - Art. 95, 3 - Art. 99, 4(e) - Art. 99, 4(g) - Art. 111, 2

(10)	The fundamental
(20)	In order to obtain
(21)	In order to ensure
(22)	In light of their design

Global vision

(10) - (20) - (21) - (22) - (27) - (66) - (72) - (74) - (91) - (93) - (96) - (111) - (120) - (131) - (134) - (136) - (137) - (141) - (143) - (155) - (158) - (161) - (165)

4 IV	Technical document
8 VIII	Information to be su
9 IX	Information to be su

Global vision

IV - VIII - IX

Standards
Global vision

34 Design

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

Art. 9, 3	The risks referred to in this Article shall concern only those which may be necessary to reduce or eliminate risks identified and evaluated pursuant to paragraph 2 in the risk and technical file available throughout the design
Art. 9, 5(a)	the right to privacy and the freedom of expression and information of the signatories to the relevant design choices;
Art. 10, 2(a)	techniques, procedures and systematic actions to be used for the
Art. 17, 1(b)	Neither a conformity assessment body, its top-level management nor
Art. 31, 5	

Global vision

Art. 9, 3 - Art. 9, 5(a) - Art. 10, 2(a) - Art. 17, 1(b) - Art. 31, 5 - Art. 95, 2(b) - Art. 95, 2(d)

(10)	The fundamental
(27)	While the risk-based approach is the
(69)	The right to privacy and the freedom of expression and information of the signatories to the relevant design choices;
(80)	As signatories to the relevant design choices;

Global vision

(10) - (27) - (69) - (80) - (110) - (118) - (155) - (165) - (177)

1 I	List of Union harmonisation
4 IV	Technical document
6 VI	Conformity assessment
7 VII	Conformity based o

Global vision

I - IV - VI - VII - XI

Standards
Global vision
24027:2021 ISO/IEC TR - 23894:2023 ISO/IEC - 62079-1:2019 IEC/IEEE - 26514:2022 ISO/IEC/IEEE

125 Direct user

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards

Global vision

25019:2023 ISO/IEC

288 Disability

WG 1

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

- Art. 5, 1(b)** the placing on the market, the putting into service or the use of an AI
- Art. 60, 4(g)** the subjects of the testing in real world conditions who are persons
- Art. 95, 2(e)** assessing and preventing the negative impact of AI systems on sustainable resilience or resilience of sustainable economic production etc.

Global vision

Art. 5, 1(b) - Art. 60, 4(g) - Art. 95, 2(e)

Whereas

- (29) AI-enabled
- (132) certain AI systems intended to interact with humans or other AI systems rather than
- (165) The development of

Global vision

(29) - (132) - (165)

Annexes

Global vision

Standards

Global vision

36 Diversity

WG 1

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

- (27) While the risk-based
- (80) As signatories to the
- (165) The development of

Global vision

(27) - (80) - (165)

Annexes

Global vision

Standards

Global vision

8209-2:2024 ISO/IEC

247 Documentation

WG 2

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

- Art. 3, (12)** 'intended purpose' means the use for which an AI system is intended
- Art. 6, 4** the provider who considers that an AI system intended for use in the field is not a high-risk AI system before that assessment
- Art. 8, 2** Where a product contains an AI system, to which the requirements of this Regulation also apply, and is subject to the requirements of this Regulation
- Art. 10, 5(c)** the special categories of personal data are subject to measures to protect the data subject's personal data
- Art. 11** Technical documentation

Global vision

Art. 3, (12) - Art. 6, 4 - Art. 8, 2 - Art. 10, 5(c) - Art. 11 - Art. 11, 1 - Art. 11, 2 - Art. 11, 3 - Art. 16, (b) - Art. 16, (d) - Art. 16, (h) - Art. 17, 1(k) - Art. 18 - Art. 18, 1(a) - Art. 18, 1(b) - Art. 18, 1(c) - Art. 18, 2 - Art. 18, 3 - Art. 19, 2 - Art. 21, 1 - Art. 22, 3(a) - Art. 22, 3(b) - Art. 22, 3(c) - Art. 23, 1(b) - Art. 23, 2 - Art. 23, 3 - Art. 23, 6 - Art. 24, 5 - Art. 25, 2 - Art. 26, 6 - Art. 29, 4 - Art. 34, 3 - Art. 40, 2 - Art. 43, 1(b) - Art. 43, 4 - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(b) - Art. 48, 3 - Art. 53, 1(a) - Art. 53, 1(b) - Art. 53, 5 - Art. 53, 7 - Art. 54, 3(a) - Art. 54, 3(b) - Art. 54, 3(c) - Art. 55, 3 - Art. 56, 2(d) - Art. 57, 7 - Art. 59, 1(i) - Art. 72, 3 - Art. 74, 12 - Art. 74, 13(b) - Art. 74, 14 - Art. 77, 1 - Art. 77, 3 - Art. 77, 4 - Art. 78, 3 - Art. 83, 1(g) - Art. 91 - Art. 91, 1

Whereas

- (9) Harmonised rules
- (53) It is also important
- (64) To mitigate the risk
- (65) The risk

Global vision

(9) - (53) - (64) - (65) - (66) - (71) - (72) - (81) - (89) - (101) - (109) - (143) - (157) - (158) - (163) - (164) - (173)

Annexes

- IV Technical document
- VI Conformity assessment
- VII Conformity based on
- XI Technical document

Global vision

IV - VI - VII - XI - XII

Standards

Global vision

82079-1:2019 IEC/IECE

37 Documentation of the access, to avoid misuse and ensure that only authorised persons

WG 3

Variant

AI Act Article

Art. 10, 5(c) the special categories of personal data are subject to measures to ensure that the consent data concerned are obtained explicitly

Global vision
Art. 10, 5(c)

Governance
 Management
 Process
 Product
 Altro...

Whereas	Annexes
Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
5259-2:2024 ISO/IEC

145 Documented information

WG 3

Variant

AI Act Article

Art. 31, 7 Notified bodies shall have documented procedures in place ensuring

Global vision
Art. 31, 7

Governance
 Management
 Process
 Product
 Altro...

Whereas	Annexes
Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
42001:2023 ISO/IEC -
27000:2018 ISO/IEC

197 Domains

WG 1

Sectors

AI Act Article

Global vision

Governance
 Management
 Process
 Product
 Altro...

Whereas	Annexes
Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
24029-2:2023 ISO/IEC -
24030:2024 ISO/IEC TR

129 Economic risk

WG 2

Variant

AI Act Article

Art. 31, 4 Notified bodies shall be independent of the provider of a high-risk AI system to which they will be providing certification

Global vision
Art. 31, 4

Governance
 Management
 Process
 Product
 Altro...

Whereas	Annexes
Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
25019:2023 ISO/IEC -
25058:2024 ISO/IEC TS

232 Education

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 4 Providers and deployers of AI systems shall take measures to ensure, throughout the lifecycle of the AI system, the placing on the market, the putting into service or the use of the AI system, that the AI system complies with the requirements of this Regulation.	(4) AI is a fast evolving technology.	3 III High-risk AI systems
Art. 5, 1(f) The Member States shall ensure that the AI system complies with the requirements of this Regulation, in particular, the provision of information required pursuant to Article 13 and, where appropriate, the provision of information required pursuant to Article 14.	(44) There are serious risks associated with the use of AI systems.	
Art. 9, 5(c) The Member States shall ensure that the AI system complies with the requirements of this Regulation, in particular, the provision of information required pursuant to Article 13 and, where appropriate, the provision of information required pursuant to Article 14.	(48) The extent of the risks associated with the use of AI systems shall be determined on the basis of the nature, scope and context of the use of the AI system.	
Art. 112, 7 By 2 August 2026 and every three years thereafter, the Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation.	(56) The deployment of AI systems shall be subject to a risk assessment.	
Global vision Art. 4 - Art. 5, 1(f) - Art. 9, 5(c)		

Whereas	Annexes
(4) AI is a fast evolving technology.	3 III High-risk AI systems
(44) There are serious risks associated with the use of AI systems.	
(48) The extent of the risks associated with the use of AI systems shall be determined on the basis of the nature, scope and context of the use of the AI system.	
(56) The deployment of AI systems shall be subject to a risk assessment.	
Global vision (4) - (44) - (48) - (56) - (96)	

Standards
Global vision

38 Effectiveness

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 43, 6 The Commission is empowered to adopt delegated acts in accordance with Article 69, 2, in order to supplement this Regulation by specifying the conditions for the adoption of the delegated acts referred to in Article 43, 5.	(9) Harmonised rules shall be developed in the field of AI.	
Art. 57, 6 Competent authorities shall provide, as appropriate, guidance, support and advice to the Member States on the implementation of this Regulation.	(65) The risk associated with the use of AI systems shall be determined on the basis of the nature, scope and context of the use of the AI system.	
Art. 69, 2 The Member States may be required to pay fees for the advice and support provided by the experts, the standards and the level of fees shall be determined by the Commission.	(174) Given the rapid technological developments, the Commission shall review the effectiveness of the supervision and enforcement arrangements by 2 August 2026 and every three years thereafter.	
Art. 112, 2(c) The Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation.		
Art. 112, 7 By 2 August 2026 and every three years thereafter, the Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation.		
Global vision Art. 43, 6 - Art. 57, 6 - Art. 69, 2 - Art. 112, 2(c) - Art. 112, 7		

Whereas	Annexes
(9) Harmonised rules shall be developed in the field of AI.	
(65) The risk associated with the use of AI systems shall be determined on the basis of the nature, scope and context of the use of the AI system.	
(174) Given the rapid technological developments, the Commission shall review the effectiveness of the supervision and enforcement arrangements by 2 August 2026 and every three years thereafter.	
Global vision (9) - (65) - (174)	

Standards
Global vision
5259-2:2024 ISO/IEC

39 Efficiency

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 51, 3 The Commission shall adopt delegated acts in accordance with Article 69, 2, in order to supplement this Regulation by specifying the conditions for the adoption of the delegated acts referred to in Article 51, 2.	(4) AI is a fast evolving technology.	
Art. 59, 1(a)(v) The Member States shall ensure that the AI system complies with the requirements of this Regulation, in particular, the provision of information required pursuant to Article 13 and, where appropriate, the provision of information required pursuant to Article 14.	(111) It is appropriate to take account of the specific characteristics of AI systems.	
Art. 112, 2(c) The Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation.	(153) Member States hold a key role in the implementation of this Regulation.	
Art. 112, 7 By 2 August 2026 and every three years thereafter, the Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation.		
Global vision Art. 51, 3 - Art. 59, 1(a)(v)		

Whereas	Annexes
(4) AI is a fast evolving technology.	
(111) It is appropriate to take account of the specific characteristics of AI systems.	
(153) Member States hold a key role in the implementation of this Regulation.	
Global vision (4) - (111) - (153)	

Standards
Global vision
25024:2015 ISO/IEC - 5259-2:2024 ISO/IEC - 25012:2008 ISO/IEC - 24028:2020 ISO/IEC TR

40 Eliminate or reduce biased output

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 15, 4 High-risk AI systems shall be as resilient as possible regarding errors, in particular, the provision of information required pursuant to Article 13 and, where appropriate, the provision of information required pursuant to Article 14.		
Global vision Art. 15, 4		

Whereas	Annexes
Global vision	

Standards
Global vision
25024:2015 ISO/IEC

82 Enrichment

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article	
Art. 10, 2(c)	relevant data-preparation processing operations, such as annotation, labelling, structuring, indexing, normalisation and association.
Global vision	
Art. 10, 2(c)	

Whereas	
Global vision	

Annexes	
Global vision	

Standards
Global vision

218 Environmental protection

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article	
Art. 1, 1	The purpose of this Regulation is to improve the functioning of the Union legal framework for the development of trustworthy AI.
Art. 46, 1	By way of derogation from Article 43 and upon a duly justified request, the Commission shall evaluate the impact and effectiveness of each basic rule of
Global vision	
Art. 1, 1 - Art. 46, 1	

Whereas	
(1)	The purpose of this Regulation is to improve the functioning of the Union legal framework for the development of trustworthy AI.
(2)	This Regulation
(8)	A Union legal framework for the development of trustworthy AI
(27)	While the risk-based approach is the
Global vision	
(1) - (2) - (8) - (27) - (48) - (130) - (165) - (176)	

Annexes	
Global vision	

Standards
Global vision

130 Environmental risk

WG 2

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article	
Art. 46, 1	By way of derogation from Article 43 and upon a duly justified request,
Art. 112, 7	By 2 August 2026 and every three years thereafter, the Commission shall evaluate the impact and effectiveness of each basic rule of
Global vision	
Art. 46, 1 - Art. 112, 7	

Whereas	
(27)	While the risk-based approach is the
(48)	The extent of the
(130)	Under certain
(165)	The development of
Global vision	
(27) - (48) - (130) - (165)	

Annexes	
Global vision	

Standards
Global vision
25019:2023 ISO/IEC -
25058:2024 ISO/IEC TS

188 Establish enabling environment for data quality governance

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article	
Global vision	

Whereas	
Global vision	

Annexes	
Global vision	

Standards
Global vision
5259-5:2024 ISO/IEC
FDIS

249 Ethical concerns

WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

Global vision Global vision

Standards
Global vision
24368:2022 ISO/IEC TR - 22443 ISO/IEC AWI TS

251 Ethical framework

WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

(6) A Union legal framework...
Global vision Global vision
(6)

Standards
Global vision
24368:2022 ISO/IEC TR

287 Ethical review

WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 60, 3 The testing of high-risk AI systems in real world conditions under this Article shall be subject to an ethical review that is conducted...

Global vision
Art. 60, 3

Whereas

Annexes

Global vision Global vision

Standards
Global vision

304 Ethical risk

WG 4
WG 2

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 60, 3 The testing of high-risk AI systems in real world conditions under this Article shall be subject to an ethical review that is conducted...

Global vision
Art. 60, 3

Whereas

Annexes

(27) While the risk-based approach...
(165) The development of...
Global vision Global vision
(27) - (165)

Standards
Global vision
25059:2023 ISO/IEC

90 Evaluation

WG 1	
WG 2	
WG 3	
WG 4	

Governance
 Management
 Process
 Product
 Altro...

Variant	
Evaluating	

AI Act Article	
Art. 3, (30)	validation data' means data used for providing an evaluation of the system.
Art. 3, (32)	testing data means data used for providing an independent evaluation of a system.
Art. 5, 1(c)	the placing on the market, the putting into service or the use of AI
Art. 9, 2(b)	the estimation and evaluation of the risks that may emerge when the high-risk AI system is used in accordance with its intended purpose
Art. 9, 2(c)	the evaluation of other risks possibly arising, based on the analysis of data available from the most detailed accessible sources of data.
Global vision	
Art. 3, (30) - Art. 3, (32) - Art. 5, 1(c) - Art. 9, 2(b) - Art. 9, 2(c) - Art. 53, 1(a) - Art. 55, 1(a) - Art. 56, (e)(ii) - Art. 73, 5 - Art. 79, 2 - Art. 79, 3 - Art. 80, 1 - Art. 80, 2 - Art. 80, 3 - Art. 80, 7 - Art. 81, 1 - Art. 82, 1 - Art. 82, 4 - Art. 93, 1(b) - Art. 101, 1(d) - Art. 111, 1 - Art. 112 - Art. 112, 3 - Art. 112, 5 - Art. 112, 11	

Whereas

Annexes

(31)	AI systems providi...
(57)	AI systems used in...
(59)	Given their role and...
(88)	Along the AI value...
Global vision	
(31) - (57) - (59) - (88)	

XI	Technical document
Global vision	
XI	

- Standards**
- Global vision**
- 42001:2023 ISO/IEC
 - 23894:2023 ISO/IEC
 - 25019:2023 ISO/IEC
 - 27000:2018 ISO/IEC
 - 29058:2024 ISO/IEC TS
 - 17847 ISO/IEC TS
 - 25059-1 ISO/IEC AWI

41 Examination of biases, health and safety of persons

WG 3	
WG 4	
WG 1	
WG 2	

Governance
 Management
 Process
 Product
 Altro...

Variant	
Health	
Safety	

AI Act Article	
Global vision	

Global vision	

Global vision	

- Standards**
- Global vision**

134 Experience

WG 1	
WG 4	
WG 3	
WG 2	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	
Art. 3, (25)	post-market monitoring system' means all activities carried out by...
Art. 4	Providers and deployers of AI systems shall take measures to ensure...
Art. 9, 5(c)	provision of information required pursuant to Article 18 and, where...
Art. 31, 11	Notified bodies shall have sufficient internal competence to be able...
Art. 70, 7	The Commission shall facilitate the exchange of experience between...
Global vision	
Art. 3, (25) - Art. 4 - Art. 9, 5(c) - Art. 31, 11 - Art. 70, 7	

(125)	Given the complex...
(155)	In order to ensure...
Global vision	
(125) - (155)	

Global vision	

- Standards**
- Global vision**
- 25019:2023 ISO/IEC

244 Explainability

WG 3	
WG 4	
WG 1	
WG 2	

Governance
 Management
 Process
 Product
 Altro...

Variant	

AI Act Article	
Global vision	

(27)	While the risk-base...
Global vision	
(27)	

Global vision	

- Standards**
- Global vision**
- 5469:2024 ISO/IEC TR
 - 24028:2020 ISO/IEC TR
 - 6254 ISO/IEC CD TS
 - 29119-11:2020 ISO/IEC TR

The data presented here have a value for research and not a legal value.

213 Flexibility

WG 3	Terms	Variant	AI Act Article	Whereas	Annexes
			Art. 58, 2(c) that the detailed arrangements for, and conditions concerning AI systems shall be adopted to the best extent possible, to which the	(12) The notion of 'AI systems' shall be... (46) High-risk AI system... (64) To mitigate the risk... (149) In order to facilitate...	
			Global vision	Global vision	Global vision
			Art. 58, 2(c)	(12) - (46) - (64) - (149)	

- Governance
- Management
- Process
- Product
- Altro...

Standards
Global vision
25010:2023 ISO/IEC

282 Formal method

WG 3	Terms	Variant	AI Act Article	Whereas	Annexes
WG 2					
			Global vision	Global vision	Global vision

- Governance
- Management
- Process
- Product
- Altro...

Standards
Global vision
17847 ISO/IEC TS

42 Formulation of assumptions (information that the data are supposed to measure)

WG 3	Terms	Variant	AI Act Article	Whereas	Annexes
			Global vision	Global vision	Global vision

- Governance
- Management
- Process
- Product
- Altro...

Standards
Global vision

43 Free of errors

WG 3	Terms	Variant	AI Act Article	Whereas	Annexes
		Accuracy	Art. 10, 3 Training, validation and testing data sets shall be relevant, sufficiently representative, and to the best extent possible, free of errors and...	(67) High-quality data and accuracy...	
			Global vision	Global vision	Global vision
			Art. 10, 3	(67)	

- Governance
- Management
- Process
- Product
- Altro...

Standards
Global vision

WG Sector Terms

128 Freedom from risk

WG 3
WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 25019:2023 ISO/IEC - 29119-11:2020 ISO/IEC TR

78 Functional adaptability

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 25059:2023 ISO/IEC - 25058:2024 ISO/IEC TS

280 Functional appropriateness

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 25058:2024 ISO/IEC TS

279 Functional completeness

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
 Global vision
 25058:2024 ISO/IEC TS

51 Functional correctness

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

Global vision

Global vision

Standards

Global vision

24027:2021 ISO/IEC TR -
 25059:2023 ISO/IEC -
 25058:2024 ISO/IEC TS

275 Functional safety

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

(67) High-quality data and annexes to high-quality data

Global vision

Global vision

Standards

Global vision

24028:2020 ISO/IEC TR -
 8200:2024 ISO/IEC TS

104 Functional setting

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 10, 4 Data sets shall take into account, to the extent required by the ...
 Art. 42, 1 High-risk AI systems that have been trained and tested on data ...
 Art. 71, 1 The Commission shall, in collaboration with the Member States, set up ...

Global vision

Art. 10, 4 - Art. 42, 1 - Art. 71, 1

Whereas

Annexes

(67) High-quality data
 (122) It is appropriate that ...
 (131) In order to facilitate the work of the ...

Global vision

Global vision

(67) - (122) - (131)

Standards

Global vision

207 Functional suitability

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

Global vision

Global vision

Standards

Global vision

25010:2023 ISO/IEC -
 25058:2024 ISO/IEC TS

The data presented have a value for research and not a legal value.

209 Fundamental rights

WG 1

Table with 1 column and 3 rows

- Governance Management Process Product Altro...

Table with 1 column and 14 rows

AI Act Article

- Art. 1, 1 Art. 2, 4 Art. 3, (49)(c) Art. 3, (65) Art. 5, 2

Global vision Art. 1, 1 - Art. 2, 4 - Art. 3, (49)(c) - Art. 3, (65) - Art. 5, 2 - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(f) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 10, 5 - Art. 13, 3(b)(iii) - Art. 14, 2 - Art. 27, 27, 1 - Art. 27, 2 - Art. 27, 4 - Art. 28, 7 - Art. 36, 7(e) - Art. 36, 8(a) - Art. 36, 9(a) - Art. 40, 3 - Art. 41, 1(a)(iii) - Art. 43, 4 - Art. 57, 6 - Art. 57, 11 - Art. 58, 2(f) - Art. 58, 4 - Art. 86, (1) - Art. 87, 5 - Art. 70, 3 - Art. 77 - Art. 77, 1 - Art. 77, 3 - Art. 79, 1 - Art. 79, 2 - Art. 82, 1 - Art. 86, 1 - Art. 112, 10

Whereas

- (1) (3) (5) (6) (7) (8) (9) (10) (17) (20) (22) (28) (32) (43) (46) (48) (52) (53) (57) (58) (59) (60) (65) (66) (67) (70) (72) (75) (77) (91) (92) (93) (96) (118) (121) (139) (140) (150) (159) (157) (171) (176)

Global vision

Annexes

- IV VIII

Global vision

Standards Global vision

44 Fundamental rights or lead to discrimination prohibited under Union law

WG 1

Table with 1 column and 3 rows

- Governance Management Process Product Altro...

Table with 1 column and 14 rows

Art. 10, 2(f) examination in view of possible biases that are likely to affect the...

Global vision Art. 10, 2(f)

(67) High-quality data and measures to...

Global vision (67)

Standards Global vision

111 Governance

WG 1

Table with 1 column and 3 rows

- Governance Management Process Product Altro...

Table with 1 column and 14 rows

SECTION 1 Governance at Union level Art. 1, 2(f) rules on market monitoring, market surveillance, governance and Art. 3, (47) AI Office means the Commission's function of contributing to the performance monitoring, testing and assessment of AI systems and datasets.

Global vision Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2 (c) - Art. 112, 12

(27) While the risk-ba... (49) As regards high-ris... (67) High-quality data for the development...

Global vision (27) - (49) - (67) - (68) - (69) - (96) - (114) - (122) - (158) - (163) - (165) - (174) - (179)

Standards Global vision 8183:2023 ISO/IEC - 5259-5:2024 ISO/IEC FDIS - 38500:2024 ISO/IEC - 38507:2022 ISO/IEC

146 Governance of information security

WG 5

Table with 1 column and 3 rows

- Governance Management Process Product Altro...

Table with 1 column and 14 rows

Global vision

Global vision

Global vision

Standards Global vision 5259-5:2024 ISO/IEC FDIS - 27000:2018 ISO/IEC

297 Healthcare

WG 1

7.08 Healthcare

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas	Annexes
(4) AI is a fast evolving family of technologies and (58) Another area in which the use of AI in order to efficient processes that...	3 III High-risk AI systems
(96)	
Global vision (4) - (58) - (96)	Global vision III

Standards
 Global vision
 22989-2 ISO/IEC AWI

173 Horizontal aspects

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas	Annexes
(78) The conformity assessment	
(78)	
Global vision (78)	Global vision

Standards
 Global vision
 5258-3:2024 ISO/IEC

45 How to measure, metrology

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas	Annexes
Global vision	Global vision

Standards
 Global vision

46 HR AI Systems

WG 1

WG 2

WG 3

WG 4

WG 5

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas	Annexes
Global vision	Global vision

Standards
 Global vision

New

MAPPING & TERMINOLOGY

WG Sector Terms

Standard AI Act AI Act sub-articles Whereas Annexes Mapping & Terminology

The data presented here have a value for research and not a legal value.

Alphabetical ID

221 HR High-risk

WG 1	
WG 2	
WG 3	
WG 4	
WG 5	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision

267 Human Factor

WG 4	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Global vision

Whereas
(29) AI-enabled technologies in order to efficient
(96) General-purpose AI models should not
(110) General-purpose AI models should not

Annexes
Global vision

Standards
Global vision
24028:2023 ISO/IEC TR

133 Human life risk

WG 4	
WG 1	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Global vision

Whereas
(47) AI systems could
(48) The extent of the
(58) Another area in
(65) The risk

Annexes
IV Technical document

Standards
Global vision
25019:2023 ISO/IEC

190 Human resource management process

WG 1	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article
Global vision

Whereas
Global vision

Annexes
IV Technical document

Standards
Global vision
5338:2023 ISO/IEC

The data presented have a value for research and not a legal value.

216 Human-centric

WG 1
WG 4

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 1, 1 The purpose of this Regulation is to improve the functioning of the internal market and ensure the stability of Union systems of AI.

Global vision

Art. 1, 1

Whereas

(8) A Union legal framework is needed to ensure that the risk-based approach is effective.

Annexes

Global vision

(8) - (27)

Standards

Global vision

24 Identifiability

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Annexes

Global vision

Global vision

Standards

Global vision
5258-2:2024 ISO/IEC

325 Impact assessment

WG 4
WG 2

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 5, 2 In addition, the use of real-time remote biometric identification
Art. 26, 9 Where applicable, deployers of high-risk AI systems shall use the information provided under Article 24 to the following to combat fraud.
Art. 27 Fundamental rights impact assessment for high-risk AI systems
Art. 27, 1 Prior to deploying a high-risk AI system referred to in Article 6(2), with the exception of high-risk AI systems intended to be used in the areas of Article 27, 2, the obligation laid down in paragraph 1 applies to the first use of the high-risk AI system. This obligation shall not apply to systems intended for use in the areas of Article 27, 2.

Global vision

Art. 5, 2 - Art. 26, 9 - Art. 27 - Art. 27, 1 - Art. 27, 2 - Art. 27, 4

(34) In order to ensure that the assessment is effective, it is also important to ensure that the assessment is carried out in a timely manner.
(53) Another area in which the impact assessment is particularly relevant is the area of fundamental rights.
(59) In order to ensure that the assessment is effective, it is also important to ensure that the assessment is carried out in a timely manner.

Annexes

VIII Information to be submitted by the importer or distributor of high-risk AI systems.

Global vision

(34) - (53) - (58) - (59) - (96) - (111) - (174)

Global vision

VIII

Standards

Global vision
42005:2024 ISO/IEC DIS

226 Importers

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Art. 2, 1(d) importers and distributors of AI systems;
Art. 20, 1 Providers of high-risk AI systems which consider or have reason to consider that a high-risk AI system that they have placed on the market
Art. 23 Obligations of importers
Art. 23, 1 Before placing a high-risk AI system on the market, importers shall ensure that the high-risk AI system complies with the requirements of Article 23, 3.
Art. 23, 3 Importers shall indicate their name, registered trade name or

Global vision

Art. 2, 1(d) - Art. 20, 1 - Art. 23 - Art. 23, 1 - Art. 23, 3 - Art. 23, 4 - Art. 23, 5 - Art. 23, 6 - Art. 23, 7 - Art. 99, 4(c)

(83) In light of the nature of high-risk AI systems, it is also important to ensure that the assessment is carried out in a timely manner.

Annexes

Global vision

(83)

Global vision

Standards

Global vision

91 Improvement

WG 1

WG 2

WG 3

WG 4

WG 5

WG 6

WG 7

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
Art. 59, 1(a)(i) public safety and public health, including disease detection, diagnosis and treatment of diseases and minimisation of health risks
Art. 59, 1(a)(ii) a high level of protection and improvement of the quality of the environment, protection of knowledge, economic activity, justice

Global vision

Art. 59, 1(a)(i) - Art. 59, 1(a)(ii)

Whereas

Annexes

Global vision

(115) - (155)

Global vision

Standards

Global vision
42001:2023 ISO/IEC -
23894:2023 ISO/IEC -
27000:2018 ISO/IEC

241 Incident

WG 1

WG 2

WG 3

WG 4

WG 5

WG 6

WG 7

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
Art. 3, (49) serious incident means an incident or malfunctioning of an AI system
Art. 17, 1(i) procedures related to the reporting of a serious incident in accordance with Article 26
Art. 26, 5 Deployers shall monitor the operation of the high-risk AI system on the basis of the obstructive data and allow operators, if necessary
Art. 60, 7 Any serious incident identified in the course of the testing in real world environments shall be reported to the relevant market surveillance authorities, the evaluation and review of this Regulation pursuant to Article 112.
Art. 66, (e)(ii) National market surveillance authorities and the national data...

Global vision

Art. 3, (49) - Art. 17, 1(i) - Art. 26, 5 - Art. 60, 7 - Art. 66, (e)(ii) - Art. 73, 1 - Art. 73, 2 - Art. 73, 3 - Art. 73, 4 - Art. 73, 6 - Art. 73, 7 - Art. 73, 10 - Art. 73, 11 - Art. 76, 3

Whereas
(115) Providers of generative AI systems should ensure that their systems are designed in order to ensure the security and reliability of their products and services
(155) In order to ensure the security and reliability of their products and services, providers of generative AI systems should ensure that their systems are designed in order to ensure the security and reliability of their products and services

Global vision

(115) - (155)

Global vision

Standards

Global vision

262 Industrial data

WG 3

WG 4

WG 5

WG 6

WG 7

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
Art. 3, (12) independent purpose means the use for which an AI system is intended
Art. 3, (15) instructions for use means the information provided by the provider to the user of the high-risk AI system to ensure its safe and effective use, without prejudice to paragraph 3, each use of a real-time remote control of the high-risk AI system
Art. 5, 4 National market surveillance authorities and the national data...

Global vision

Whereas
(9) Harmonised rules on the use of those systems should be established
(111) It is appropriate to establish...

Global vision

(9) - (111)

Global vision

Standards

Global vision
8000-1:2022 ISO

268 Information

WG 3

WG 4

WG 5

WG 6

WG 7

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article
SECTION 2 Sharing of information on serious incidents
Art. 3, (12) independent purpose means the use for which an AI system is intended
Art. 3, (15) instructions for use means the information provided by the provider to the user of the high-risk AI system to ensure its safe and effective use, without prejudice to paragraph 3, each use of a real-time remote control of the high-risk AI system
Art. 5, 4 National market surveillance authorities and the national data...

Global vision

Art. 3, (12) - Art. 3, (15) - Art. 5, 4 - Art. 5, 6 - Art. 8, 2 - Art. 9, 3 - Art. 9, 5(c) - Art. 10, 2(d) - Art. 11, 1 - Art. 11, 2 - Art. 11, 3 - Art. 13, 2 - Art. 13, 3 - Art. 13, 3(b)(iv) - Art. 13, 3(b)(vi) - Art. 13, 3(b)(vii) - Art. 14, 4(b) - Art. 15, (i) - Art. 17, 1(k) - Art. 20 - Art. 21, 1 - Art. 21, 3 - Art. 22, 3(c) - Art. 22, 3(e) - Art. 23, 6 - Art. 24, 2 - Art. 24, 4 - Art. 24, 5 - Art. 25, 2 - Art. 25, 4 - Art. 25, 5 - Art. 26, 7 - Art. 26, 9 - Art. 27, 1(d) - Art. 27, 2 - Art. 28, 6 - Art. 28, 7 - Art. 31, 7 - Art. 36, 7 (e) - Art. 37, 2 - Art. 37, 3 - Art. 41, 6 - Art. 43, 4 - Art. 43, 5 - Art. 45, 1(d) - Art. 45, 3 - Art. 45, 4 - Art. 46, 4 - Art. 47, 2 - Art. 47, 3 - Art. 49, 4 - Art. 50, 5 - Art. 52, 1 - Art. 52, 6 - Art. 53, 1(a) - Art. 53, 1(b) - Art. 53, 2 - Art. 53, 7 - Art. 54, 3(c) - Art. 54, 6 - Art. 55, 1(c) - Art. 55, 3 - Art. 56, 2(a) - Art. 57, 8 - Art. 57, 16 - Art. 57, 17 - Art. 60, 4(c) - Art. 60, 6 - Art. 61, 1 - Art. 61, 1(e) - Art. 62, 3 (b) - Art. 65, 4(c) - Art. 66, (k) - Art. 68, 4 - Art. 70, 2 - Art. 70, 6 - Art. 71, 1 - Art. 71, 4 - Art. 71, 5 - CHAPTER IX - SECTION 2 - Art. 74, 2 - Art. 74, 7 - Art. 74, 14 - Art. 75, 3 - Art. 77, 4 - Art. 78, 1 - Art. 78, 1(a) - Art. 78, 1(e) - Art. 78, 2 - Art. 78, 3 - Art. 78, 4 - Art. 79, 5 - Art. 79, 6 - Art. 79, 7 - Art. 80, 8 - Art. 82, 3 - Art. 89, 2(c) - Art. 90, 3(c) - Art. 91, 1 - Art. 91, 2 - Art. 91, 3 - Art. 91, 4 - Art. 91, 5 - Art. 92, 1(a) - Art. 92, 5 - Art. 92, 7 - Art. 96, 1(e) - Art. 99, 5 - Art. 101, 1(b) - Art. 101, 4 - Art. 112, 8 - Art. 112, 10

Whereas
(22) In light of their digital nature, providers of high-risk AI systems should ensure that their systems are designed in order to ensure the security and reliability of their products and services
(33) The use of those systems should be established
(48) The extent of the assessment should be established
(59) Given their role and responsibilities...

Global vision

(22) - (33) - (48) - (59) - (64) - (66) - (71) - (72) - (74) - (80) - (82) - (85) - (86) - (89) - (92) - (93) - (96) - (101) - (102) - (104) - (107) - (109) - (112) - (115) - (119) - (131) - (132) - (133) - (143) - (151) - (158) - (159) - (161) - (163) - (164) - (167) - (173)

Annexes
4 IV Technical document
5 V EU declaration of conformity
6 VI Conformity assessment
7 VII Conformity based on...

Global vision

(IV - V - VI - VII - VIII - IX - X - XI - XII)

Standards

Global vision
24028:2020 ISO/IEC TR -
26514:2022
ISO/IEC/IEEE

WG Sector Terms Variant

248 Information quality

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

(59) Given their role and responsibilities, requirements should be established in order to ensure that the providers of high-risk AI systems...

Global vision
(59) - (66) - (158) - (173)

Annexes

4 IV Technical document
6 VI Conformity assessment
7 VII Conformity based on...

Global vision
IV - VI - VII

Standards
Global vision
 82079-1:2019 IEC/IEEE

149 Information security

WG 5

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 78, 2 The authorities involved in the application of this Regulation pursuant to paragraph 1 shall be the competent authorities of the Member States...

Art. 78, 3 Without prejudice to paragraphs 1 and 2, information exchanged on a regular basis between the competent authorities of the Member States...

Global vision
Art. 78, 2 - Art. 78, 3

(115) Providers of general purpose AI systems should be required to ensure that their systems are secure and reliable and that they are able to detect and prevent...

(167) In order to ensure that the providers of high-risk AI systems...

Global vision
(115) - (167)

Annexes

7 VII Conformity based on...
X Union legislative act...

Global vision
VII - X

Standards
Global vision
 27000:2018 ISO/IEC

117 Information system

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 3, (12) intended purpose means the use for which an AI system is intended...

Art. 3, (15) instructions for use means the information provided by the provider to the user of a high-risk AI system...

Art. 5, 4 Without prejudice to paragraph 3, each use of a real-time remote identification system shall be subject to the following conditions...

Art. 5, 6 National market surveillance authorities and the national data protection authorities of Member States that have jurisdiction over the use of a product containing an AI system, to which the requirements of this Regulation apply, shall be responsible for the implementation of...

Global vision
Art. 3, (12) - Art. 3, (15) - Art. 5, 4 - Art. 5, 6 - Art. 8, 2 - Art. 9, 3 - Art. 9, 5(c) - Art. 11, 1 - Art. 11, 2 - Art. 11, 3 - Art. 13, 2 - Art. 13, 3(b)(iv) - Art. 13, 3(b)(vi) - Art. 13, 3(b)(vii) - Art. 14, 4(b) - Art. 17, 1(k) - Art. 21, 1 - Art. 22, 3(c) - Art. 23, 6 - Art. 24, 2 - Art. 24, 4 - Art. 24, 5 - Art. 25, 2 - Art. 25, 4 - Art. 26, 7 - Art. 26, 9 - Art. 27, 2 - Art. 43, 4 - Art. 45, 3 - Art. 47, 2 - Art. 47, 3 - Art. 49, 4 - Art. 52, 1 - Art. 52, 6 - Art. 53, 1(b) - Art. 53, 2 - Art. 54, 6 - Art. 60, 4(c) - Art. 60, 6 - Art. 68, 4 - Art. 71, 1 - Art. 71, 5 - Art. 75, 3 - Art. 78, 2 - Art. 78, 3 - Art. 79, 6 - Art. 79, 7 - Art. 82, 3 - Art. 92, 7 - Art. 112, 10

(22) In light of their digital nature, AI systems should be designed to be secure and reliable and to be able to detect and prevent...

(33) The use of those AI systems should be subject to the following conditions...

(48) The extent of the information exchanged between the competent authorities of the Member States...

(59) Given their role and responsibilities, requirements should be established in order to ensure that the providers of high-risk AI systems...

Global vision
(22) - (33) - (48) - (59) - (64) - (66) - (71) - (72) - (74) - (80) - (82) - (86) - (88) - (89) - (92) - (93) - (96) - (101) - (112) - (115) - (119) - (131) - (132) - (133) - (143) - (158) - (159) - (161) - (163) - (164) - (173)

Annexes

4 IV Technical document
5 V EU declaration of conformity
6 VI Conformity assessment
7 VII Conformity based on...

Global vision
IV - V - VI - VII - VIII - IX - X - XI - XII

Standards
Global vision
 25019:2023 ISO/IEC - 27000:2018 ISO/IEC

219 Innovation

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 1, 1 The purpose of this Regulation is to improve the functioning of the internal market and promote the safe and effective use of AI systems, including standards, in order to support innovation, with a particular focus on SMEs...

Art. 1, 2(g) The participation in the standardisation process shall seek to promote the development and adoption of AI standards through consensus, where appropriate and possible, in AI standards through consensus, where appropriate and possible...

Art. 40, 3 The AI regulatory sandbox shall not affect the supervisory or enforcement powers of the competent authorities...

Art. 57, 11 The AI regulatory sandboxes established under paragraph 1 shall provide a safe environment for the development and testing of AI systems...

Art. 57, 5 AI regulatory sandboxes established under paragraph 1 shall provide a safe environment for the development and testing of AI systems...

Global vision
Art. 1, 1 - Art. 1, 2(g) - Art. 40, 3 - CHAPTER VI - Art. 57, 5 - Art. 57, 9(c) - Art. 57, 11 - Art. 58, 2(f) - Art. 58, 3

(1) The purpose of this Regulation is to improve the functioning of the internal market and promote the safe and effective use of AI systems, including standards, in order to support innovation, with a particular focus on SMEs...

(2) This Regulation should be developed in a way that takes into account the need to support innovation, with a particular focus on SMEs...

(3) AI systems can be developed and adopted through consensus, where appropriate and possible...

(8) A Union legal act shall be adopted in accordance with the ordinary legislative procedure...

Global vision
(1) - (2) - (3) - (8) - (20) - (25) - (68) - (102) - (105) - (119) - (121) - (138) - (139) - (143) - (144) - (145) - (146) - (176)

Annexes

Global vision

Standards
Global vision

The data presented have a value for research and not a legal value.

306 Input data

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 3, (33) 'input data' means data provided to or directly acquired by an AI system, the basis of which the system generates output;	(35) Each use of a real-time remote identification system shall be subject to the following conditions:	IV Technical documents XIII Criteria for the design of AI systems
Art. 12, 3(b) the reference database against which input data has been checked by the AI system;	(111) It is appropriate to establish a variety of AI systems;	
Art. 12, 3(c) the input data for which the search has led to a match;	(133) A variety of AI systems shall be established;	
Art. 13, 3(b)(vi) when appropriate, specifications for the input data, or any other relevant information in terms of the origin, application and device data;		
Art. 26, 4 Without prejudice to paragraphs 1 and 2, to the extent the employer exercises control over the input data, that employer shall ensure that		
Global vision Art. 3, (33) - Art. 12, 3(b) - Art. 12, 3(c) - Art. 13, 3(b)(vi) - Art. 26, 4 - Art. 50, 2		

Whereas	Annexes
(35) Each use of a real-time remote identification system shall be subject to the following conditions:	IV Technical documents XIII Criteria for the design of AI systems
(111) It is appropriate to establish a variety of AI systems;	
(133) A variety of AI systems shall be established;	
Global vision (35) - (111) - (133)	

Standards
Global vision

210 Interaction capability

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
Global vision	

Standards
Global vision
25010:2023 ISO/IEC - 25059-1 ISO/IEC AWI

47 Interaction with natural person or other systems

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 15, 4 High-risk AI systems shall be as resilient as possible regarding errors.		
Global vision Art. 15, 4		

Whereas	Annexes
Global vision	

Standards
Global vision

150 Internal context

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
(47) AI systems could be subject to the following conditions:	
Global vision (47)	

Standards
Global vision
27000:2018 ISO/IEC

231 Knowledge

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Art. 3, (56)	'AI literacy' means skills, knowledge and understanding that allow systems and developers of AI systems to ensure...
Art. 4	Producers and deployers of AI systems shall take measures to ensure...
Art. 7, 2(h)	the extent to which there is an imbalance of power, or the persons who...
Art. 9, 5(c)	provision of information required pursuant to Article 13 and, where...
Art. 31, 11	Notified bodies shall have sufficient internal competences to be able...

Global vision
 Art. 3, (56) - Art. 4 - Art. 7, 2(h) - Art. 9, 5(c) - Art. 31, 11 - Art. 38, 3 - Art. 70, 3

Whereas

Annexes

(12)	The notion of 'AI systems' in this...
(20)	In order to obtain th...
(72)	To address...
(78)	The conformity...

Global vision
 (12) - (20) - (72) - (78) - (93) - (119) - (145)

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Global vision

Standards
Global vision
 22989:2022 ISO/IEC

189 Knowledge acquisition

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Variant

Global vision

Global vision

Global vision

Standards
Global vision
 5338:2023 ISO/IEC

192 Knowledge management process

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Variant

Global vision

Global vision

Global vision

Standards
Global vision

102 Labelling

WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 5, 1(g)	the placing on the market, the putting into service for this specific...
Art. 10, 2(c)	require the use of AI-specific safety measures, such as identification...
Art. 17, 1(f)	relevant data preparation processing operations, such as identification...
Art. 50, 7	systems and procedures for data management, including data...
Art. 50, 7	The AI Office shall encourage and facilitate the drawing up of codes of...

Global vision
 Art. 5, 1(g) - Art. 10, 2(c) - Art. 17, 1(f) - Art. 50, 7

(30)	Biometric...
(134)	Further to the...
(135)	Without prejudice to...

Global vision
 (30) - (134) - (135)

4 IV	Technical document
------	--------------------

Global vision

Standards
Global vision

86 Leadership

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
42001:2023 ISO/IEC - 23894:2023 ISO/IEC

48 Level declaration & instruction of use

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision

151 Level of risk

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article
Art. 10, 3 Art. 12, 2 Art. 13, 3(b)(ii) Art. 14, 3 Art. 15, 1
Global vision
Art. 10, 3 - Art. 12, 2 - Art. 13, 3(b)(ii) - Art. 14, 3 - Art. 15, 1 - Art. 17, 2 - Art. 31, 5 - Art. 34, 2 - Art. 41, 5 - Art. 49, 5 - Art. 55, 1(b) - Art. 55, 1(d) - Art. 56, 2(c) - Art. 56, 2(d) - Art. 57, 11 - Art. 63, 1 - Art. 68, 3(a)(i) - Art. 72, 4 - Art. 78, 3 - Art. 92, 1(b) - Art. 93, 1(b) - Art. 93, 3

Whereas	Annexes
(3) AI systems can be... (5) At the same time, (7) In order to ensure (9) Harmonised rules	3 III High-risk AI systems 4 IV Technical document XII Criteria for the design...
Global vision	Global vision
(3) - (5) - (7) - (9) - (22) - (42) - (48) - (56) - (64) - (74) - (78) - (81) - (91) - (110) - (111) - (114) - (115) - (116) - (123) - (131) - (133) - (138) - (145) - (146) - (161) - (163) - (173)	III - IV - XII

Standards
Global vision
27000:2018 ISO/IEC

49 Lifecycle

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article
Art. 9, 2 Art. 15, 1 Art. 40, 2
Global vision
Art. 9, 2 - Art. 15, 1 - Art. 40, 2

Whereas	Annexes
(65) The risk... (69) The right to privacy... (73) High-risk AI system... (74) High-risk AI system...	4 IV Technical document
Global vision	Global vision
(65) - (69) - (73) - (74) - (110) - (114) - (115)	IV

Standards
Global vision
24027:2021 ISO/IEC TR - 5338:2023 ISO/IEC - 17847:2023 ISO/IEC TS - 22443:2024 ISO/IEC AWI TS - 5339:2024 ISO/IEC - 62304:2006 IEC

234 Literacy

WG 1

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Text
Art. 3, (56)	'AI literacy' means skills, knowledge and understanding that allow individuals to understand and interact with AI systems and to make informed decisions about their use.
Art. 4	Providers and deployers of AI systems shall take measures to ensure, support the Commission in promoting AI literacy, public awareness and understanding of the benefits, risks, dangers and liabilities, and promoting AI literacy, in particular that of persons dealing with the development, production and use of AI.

Global vision
 Art. 3, (56) - Art. 4 - Art. 4 - Art. 66, (f) - Art. 95, 2(c)

Whereas	Annexes
(20)	
(56)	
(91)	
(165)	

Global vision
 (20) - (56) - (91) - (165)

Global vision

Standards
Global vision

224 Located in a third country with output used in the Union

WG 1

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Text
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or providers and deployers of AI systems that have their place of establishment or are located in the Union, unless the provider or deployer is a natural or legal person located or established in the Union or a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 2, 1(c)	affected persons that are located in the Union.
Art. 2, 1(g)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (5)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (6)	provider means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.

Global vision
 Art. 2, 1(a) - Art. 2, 1(c) - Art. 2, 1(g) - Art. 3, (5) - Art. 3, (6)

Whereas	Annexes
(22)	

Global vision
 (22)

Global vision

Standards
Global vision

225 Located in the Union

WG 1

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Text
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or providers and deployers of AI systems that have their place of establishment or are located in the Union, unless the provider or deployer is a natural or legal person located or established in the Union or a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 2, 1(c)	affected persons that are located in the Union.
Art. 2, 1(g)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (5)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (6)	provider means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.

Global vision
 Art. 2, 1(a) - Art. 2, 1(c) - Art. 2, 1(g) - Art. 3, (5) - Art. 3, (6)

Whereas	Annexes
(22)	

Global vision
 (22)

Global vision

Standards
Global vision

228 Location

WG 1

WG 3

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Text
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or providers and deployers of AI systems that have their place of establishment or are located in the Union, unless the provider or deployer is a natural or legal person located or established in the Union or a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 2, 1(c)	affected persons that are located in the Union.
Art. 2, 1(g)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (5)	authorized representative means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.
Art. 3, (6)	provider means a natural or legal person located or established in the Union who is acting as an authorized representative of a provider or deployer located or established in the Union.

Global vision
 Art. 2, 1(a) - Art. 2, 1(c) - Art. 2, 1(g) - Art. 3, (5) - Art. 3, (6)

Whereas	Annexes
(95)	

Global vision
 (95)

Global vision

Standards
Global vision

The data presented here have a value for research and not a legal value.

WG 3 Sector Terms

WG 3

Governance
 Management
 Process
 Product
 Altro...

measuring

Variant **AI Act Article**

Art. 15, 2	To address the technical aspects of how to measure the appropriate level of accuracy and the relevant accuracy metrics of high-risk AI systems, the Commission shall be assisted by the High Level Expert Group on AI.
Art. 53, 5	For the purpose of facilitating compliance with Annex XI, in particular points 1(a) and 1(b), the Commission shall be assisted by the High Level Expert Group on AI.

Global vision
Art. 15, 2 - Art. 53, 5

Whereas **Annexes**

(74) High-risk AI system should conform	
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Global vision **Global vision**

(74)	
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Standards
Global vision
 42001:2023 ISO/IEC - 5259-1:2024 ISO/IEC - 27000:2018 ISO/IEC - 25059-1 ISO/IEC AW1 - 4213-1 ISO/IEC AW1

50 Measurement and method

WG 2

Governance
 Management
 Process
 Product
 Altro...

measuring

Variant **AI Act Article**

Art. 15, 2	To address the technical aspects of how to measure the appropriate level of accuracy and the relevant accuracy metrics of high-risk AI systems, the Commission shall be assisted by the High Level Expert Group on AI.
Art. 53, 5	For the purpose of facilitating compliance with Annex XI, in particular points 1(a) and 1(b), the Commission shall be assisted by the High Level Expert Group on AI.

Global vision
Art. 15, 2 - Art. 53, 5

Whereas **Annexes**

(74) High-risk AI system should conform	
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Global vision **Global vision**

(74)	
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Standards
Global vision
 25024:2015 ISO/IEC - 42001:2023 ISO/IEC - 27000:2018 ISO/IEC

285 Metrics

WG 3

Governance
 Management
 Process
 Altro...

measuring

Variant **AI Act Article**

Art. 9, 8	The testing of high-risk AI systems shall be performed, as appropriate, in accordance with the requirements set out in Annex XI, in particular points 1(a) and 1(b).
Art. 13, 3(b)(ii)	the level of accuracy, including its metrics, robustness and cybersecurity, referred to in Article 15, shall be assessed against the high-risk AI system.
Art. 15, 2	To address the technical aspects of how to measure the appropriate level of accuracy and the relevant accuracy metrics of high-risk AI systems, the Commission shall be assisted by the High Level Expert Group on AI.
Art. 15, 3	The level of accuracy and the relevant accuracy metrics of high-risk AI systems shall be defined in the socio-economic instructions of use.

Global vision
Art. 9, 8 - Art. 13, 3(b)(ii) - Art. 15, 2 - Art. 15, 3

Whereas **Annexes**

(74) High-risk AI system should conform	
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Global vision **Global vision**

(74)	
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4 IV Technical document	
4 XI Technical document	

IV - XI

Standards
Global vision
 23119-11:2020 ISO/IEC TR

112 Monitoring

WG 3
 WG 1
 WG 4

Governance
 Management
 Process
 Product
 Altro...

measuring

Variant **AI Act Article**

SECTION 1	Post-market monitoring
Art. 1, 2(f)	rules on market monitoring, market surveillance, governance and enforcement;
Art. 3, (19)	notifying authority means the national authority responsible for setting up and operation of the post-market monitoring system for the concerned domain of AI systems;
Art. 3, (25)	AI Office means the Commission's function of contributing to the
Art. 3, (47)	AI Office means the Commission's function of contributing to the

Global vision
Art. 1, 2(f) - Art. 3, (19) - Art. 3, (25) - Art. 3, (47) - Art. 3, (53) - Art. 9, 2(c) - Art. 12, 2(b) - Art. 12, 2(c) - Art. 17, 1(h) - Art. 26, 5 - Art. 28, 1 - Art. 28, 2 - Art. 29, 3 - Art. 34, 3 - Art. 58, 1(b) - Art. 59, 1(c) - Art. 66, (c) - CHAPTER IX - SECTION 1 - Art. 72 - Art. 72, 1 - Art. 72, 2 - Art. 72, 3 - Art. 72, 4 - Art. 75, 1 - SECTION 5 - Art. 89

Whereas **Annexes**

(4) AI is a fast evolving technology	
(27) While the risk-based approach is the	
(55) As regards the	
(56) The deployment of	

Global vision **Global vision**

(4) - (27) - (55) - (56) - (57) - (71) - (81) - (91) - (113) - (114) - (151) - (155) - (158) - (162) - (163)	
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3 III High-risk AI system	
4 IV Technical document	
6 VI Conformity assessment	

III - IV - VI

Standards
Global vision
 23894:2023 ISO/IEC - 25019:2023 ISO/IEC - 27000:2018 ISO/IEC - 31010:2019 IEC

270 Neural network

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Global vision

Global vision

Global vision

Standards
Global vision
 24026:2020 ISO/IEC TR

142 Non-repudiation

WG 3

- Governance
- Management
- Process
- Product
- Altro...

Global vision

Global vision

Global vision

Standards
Global vision
 25024:2015 ISO/IEC -
 27000:2018 ISO/IEC

277 Ontology

WG 1

- Governance
- Management
- Process
- Product
- Altro...

Global vision

Global vision

Global vision

Standards
Global vision
 8200:2024 ISO/IEC TS

89 Operation

WG 3
WG 1
WG 2

- Governance
- Management
- Process
- Product
- Altro...

Art. 3, (49)(b)	a serious and irreversible disruption of the management or operation of
Art. 3, (67)	critical-point operation means any mathematical operation or
Art. 4	Providers and deployers of AI systems shall take measures to ensure,
Art. 12, 2(c)	monitoring the operation of high-risk AI systems referred to in Article
Art. 13, 1	High-risk AI systems shall be designed and developed in such a way
Global vision	
Art. 3, (49)(b) - Art. 3, (67) - Art. 4 - Art. 12, 2(c) - Art. 13, 1 - Art. 14, 4(a) - Art. 14, 4(e) - Art. 17, 1(f) - Art. 26, 5 - Art. 31, 3 - Art. 50, 3 - Art. 57, 1 - Art. 57, 10 - Art. 58, 1 - Art. 95, 2(c) - Art. 100, 6	

(20)
(55)
(75)
(155)
(20) - (55) - (75) - (155)
Global vision

3 III
X
(155)
(155)
III - X
Global vision

Standards
Global vision
 42001:2023 ISO/IEC

79 Organization

WG 1

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

(127) In line with Union...

Global vision (127)

Annexes

Global vision

- Standards**
- Global vision**
- 5259-2:2024 ISO/IEC -
 - 42001:2023 ISO/IEC -
 - 25019:2023 ISO/IEC -
 - 27000:2018 ISO/IEC -
 - 31010:2018 IEC -
 - 31000:2018 ISO - 8000
 - 1:2022 ISO - 38507:2022
 - ISO/IEC - 42005:2024
 - ISO/IEC DIS

52 Origin of data

WG 3

Governance
 Management
 Process
 Product
 Altro...

provenance

Art. 10, 2(b) data collection processes and the origin of data, and in the case of
 Art. 82, 3 The Member States shall immediately inform the Commission and the

Global vision
 Art. 10, 2(b) - Art. 82, 3

(132) Certain AI systems
 (133) A variety of AI

Global vision (132) - (133)

Global vision

- Standards**
- Global vision**
- 5258-2:2024 ISO/IEC

317 Out-of-distribution data

WG 3
 WG 2

Governance
 Management
 Process
 Product
 Altro...

outlier

Global vision

Global vision

Global vision

- Standards**
- Global vision**
- 25223:2024 ISO/IEC AWI TS

318 Outlier

WG 3
 WG 2

Governance
 Management
 Process
 Product
 Altro...

out-of-distribution data

Global vision

Global vision

Global vision

- Standards**
- Global vision**
- 25024:2015 ISO/IEC

177 Outsourcing

WG 1

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
 Global vision
 5259-4:2024 ISO/IEC

208 Performance efficiency

WG 3

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Global vision

Whereas	Annexes
Global vision	Global vision

Standards
 Global vision
 25010:2023 ISO/IEC -
 25058:2024 ISO/IEC TS

271 Personal data

WG 1
 WG 3

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Art. 2, 7
Art. 3, (34)
Art. 3, (37)
Art. 3, (50)
Art. 3, (51)
Global vision
Art. 2, 7 - Art. 3, (34) - Art. 3, (37) - Art. 3, (50) - Art. 3, (51) - Art. 5, 2 - Art. 5, 3 - Art. 7, 2(c) - Art. 10, 2(b) - Art. 10, 5 - Art. 10, 5(b) - Art. 10, 5(c) - Art. 10, 5(d) - Art. 10, 5(e) - Art. 10, 5(f) - Art. 19, 1 - Art. 26, 6 - Art. 28, 10 - Art. 50, 3 - Art. 57, 10 - Art. 59, 1 - Art. 59, 1(b) - Art. 59, 1(c) - Art. 59, 1(e) - Art. 59, 1(f) - Art. 59, 1(g) - Art. 59, 1(h) - Art. 59, 2 - Art. 59, 3 - Art. 60, 4(i) - Art. 60, 5 - Art. 70, 3 - Art. 71, 5 - Art. 100, 5

Whereas	Annexes
(3) AI systems can be	5 V EU declaration of co
(10) The fundamental	
(27) While the risk-base	
(31) AI systems providi	
Global vision	Global vision
(3) - (10) - (27) - (31) - (34) - (38) - (39) - (40) - (41) - (48) - (54) - (57) - (60) - (63) - (67) - (69) - (70) - (103) - (132) - (140) - (141) - (159)	V

Standards
 Global vision
 24028:2020 ISO/IEC TR

53 Personal data are not to be transmitted, transferred or otherwise accessed by other parties

WG 3
 WG 1

Terms

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Art. 10, 5(d)
Global vision
Art. 10, 5(d)

Whereas	Annexes
Global vision	Global vision

Standards
 Global vision

54 Personal data, the original purpose of the data collection

WG 3
 WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 10, 2(b) data collection processes and the origin of data, and in the case of processed data, the original purpose of the data collection.	(67) High-quality data and services for high	
Global vision Art. 10, 2(b)	Global vision (67)	Global vision

Standards
Global vision

87 Planning

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 4 AI literacy		
Global vision Art. 4	Global vision	Global vision

Standards
Global vision 42001:2023 ISO/IEC

55 Portability

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Standards
Global vision 5259-2:2024 ISO/IEC - 25012:2008 ISO/IEC

100 Post-market

Post production
 Quality in use

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
SECTION 1 Post-market monitoring Art. 3, (25) post-market monitoring system means all activities carried out by providers of AI systems to collect and review evidence related to the evaluation of other risks possibly arising, based on the analysis of data gathered from the post-market monitoring system referred to in Art. 12, 2(b) Art. 17, 1(h) the setting-up, implementation and maintenance of a post-market	(61) The provider should establish a... (114) The providers of... (155) in order to ensure...	4 IV Technical document 6 VI Conformity assessment
Global vision Art. 3, (25) - Art. 9, 2(c) - Art. 12, 2(b) - Art. 17, 1(h) - CHAPTER IX - SECTION 1 - Art. 72 - Art. 72, 1 - Art. 72, 2 - Art. 72, 3 - Art. 72, 4	Global vision (81) - (114) - (155)	Global vision IV - VI

Standards
Global vision 25019:2023 ISO/IEC

The data presented here have a value for research and not a legal value.

Alphabetical ID

56 Precision

WG 3
 Terms
 Governance
 Management
 Product
 Altro...

Variant

AI Act Article

Art. 3, (67)	'floating-point operation' means any mathematical operation or operation involving floating-point numbers, which is a subset of the...
Global vision	
Art. 3, (67)	

Whereas

Annexes

Standards
Global vision
 25024:2015 ISO/IEC -
 5259-2:2024 ISO/IEC -
 25012:2008 ISO/IEC -
 29119-11:2020 ISO/IEC
 TR

93 Preparation

WG 3
 WG 2
 Terms
 Governance
 Management
 Product
 Altro...

Variant

AI Act Article

Art. 10, 2(c)	relevant data-preparation processing operations, such as annotation,
Art. 66, (e)(ii)	the evaluation and review of this Regulation pursuant to Article 112...
Global vision	
Art. 10, 2(c) - Art. 66, (e)(ii)	

Whereas

(173)	In order to ensure that the regulation...
Global vision	
(173)	

Annexes

Standards
Global vision
 8183:2023 ISO/IEC

344 Privacy

WG 2
 Terms
 Governance
 Management
 Product
 Altro...

Variant

AI Act Article

Art. 2, 7	Union law on the protection of personal data, privacy and the...
Art. 10, 5(b)	the special categories of personal data are subject to technical...
Global vision	
Art. 2, 7 - Art. 10, 5(b)	

Whereas

(27)	While the risk-base...
(28)	Aside from the mar...
(43)	The placing on the...
(67)	At least the outst...
Global vision	
(27) - (28) - (43) - (57) - (67) - (69) - (80) - (110)	

Annexes

Standards
Global vision

312 Probability measure

WG 2
 WG 3
 Terms
 Governance
 Management
 Product
 Altro...

Variant

AI Act Article

Art. 56, 2(d)	the measures, procedures and modalities for the assessment and...
Global vision	
Art. 56, 2(d)	

Whereas

Annexes

Standards
Global vision
 25223:2024 ISO/IEC AWI
 TS

235 Processes

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 8, 2	(17)	3 III
Art. 9, 10	(56)	
Art. 10, 2(b)	(61)	
Art. 17, 4	(64)	
Art. 18, 3		
Global vision		
Art. 8, 2 - Art. 9, 10 - Art. 10, 2(b) - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 25, 4 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(a) - Art. 40, 2 - Art. 58, 2(g) - Art. 72, 4		

Whereas	Annexes
(17)	3 III
(56)	
(61)	
(64)	
Global vision	
(17) - (56) - (61) - (64) - (71) - (86) - (89) - (90) - (96) - (97) - (103) - (110) - (114) - (120) - (136) - (143) - (158) - (159)	

Standards
Global vision
 23894:2023 ISO/IEC-8000-1:2022 ISO-17847 ISO/IEC TS-5339:2024 ISO/IEC-62304:2006 IEC

227 Product manufacturers

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 2, 1(e)		
Global vision		
Art. 2, 1(e)		

Whereas	Annexes
Global vision	

Standards
Global vision

236 Products

WG 3

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Art. 2, 2	(3)	4 IV
Art. 6, 1	(47)	
Art. 25, 3	(49)	
Art. 40, 2	(50)	
Art. 46, 7		
Global vision		
Art. 2, 2 - Art. 6, 1 - Art. 25, 3 - Art. 40, 2 - Art. 46, 7 - Art. 57, 17 - Art. 60, 1 - Art. 74, 3 - Art. 74, 4		

Whereas	Annexes
(3)	4 IV
(47)	
(49)	
(50)	
Global vision	
(3) - (47) - (49) - (50) - (51) - (52) - (64) - (77) - (78) - (82) - (101) - (124) - (125) - (128) - (131) - (136) - (147) - (149) - (156) - (166)	

Standards
Global vision
 23894:2023 ISO/IEC

229 Products covered by Union harmonization legislation

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision		

Whereas	Annexes
Global vision	

Standards
Global vision

342 Protection

WG 2

Management Process Product Altro...

AI Act Article	Variant
Art. 1, 1	The purpose of this Regulation is to improve the functioning of the internal market and to ensure the availability of high-quality AI services...
Art. 2, 4	This Regulation applies neither to public authorities in a third country...
Art. 2, 7	Union law on the protection of personal data, privacy and the protection of consumers applies to the data processing in the scope of this Regulation...
Art. 2, 9	This Regulation is without prejudice to the rules laid down by other Union law on the protection of personal data, privacy and the protection of consumers...
Art. 3, (48)	National competent authority means a notifying authority or a market surveillance authority...

Whereas	Annexes
(1)	List of Union harmonisation standards
(2)	Conformity based on a standard
(3)	Information to be supplied by providers and deployers
(7)	In order to ensure consistency

Global vision	Global vision
(1)	(1) - (2) - (3) - (7) - (8) - (9) - (10) - (21) - (22) - (27) - (28) - (36) - (39) - (45) - (48) - (54) - (57) - (58) - (60) - (63) - (67) - (68) - (114) - (115) - (130) - (139) - (141) - (146) - (156) - (157) - (159) - (165) - (168) - (172) - (176) - (180)
(1)	1 - VII - VIII

307 Protection of personal data

WG 1

Management Process Product Altro...

AI Act Article	Variant
Art. 2, 7	Union law on the protection of personal data, privacy and the protection of consumers applies to the data processing in the scope of this Regulation...
Art. 19, 1	Providers of high-risk AI systems shall keep the logs referred to in paragraph 1 for the purposes of demonstrating compliance with this Regulation...
Art. 26, 10	Without prejudice to Directive (EU) 2016/680, in the framework of an investigation, law enforcement authorities shall ensure that, to the extent necessary, the logs referred to in paragraph 1 are accessible to them...
Art. 26, 6	Deployers of high-risk AI systems shall keep the logs automatically generated by the AI system for the purposes of demonstrating compliance with this Regulation...
Art. 57, 10	National competent authorities shall ensure that, to the extent necessary, the logs referred to in paragraph 1 are accessible to them...

Whereas	Annexes
(3)	AI systems can be especially harmful to the fundamental rights of natural persons
(10)	The fundamental rights of natural persons should be protected
(17)	While the risk-based approach in this Regulation is the preferred one, in order to obtain full transparency of the data processing
(39)	Any processing of personal data and

Global vision	Global vision
(3)	(3) - (10) - (27) - (39) - (48) - (54) - (57) - (60) - (63) - (67) - (69) - (141) - (159)
(3)	1 - VII - VIII

222 Providers

WG 1

Management Process Product Altro...

AI Act Article	Variant
SECTION 2	Obligations for providers of general-purpose AI models
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or deepfakes...
Art. 2, 1(c)	providers and deployers of AI systems that have their place of residence or habitual residence in a third country...
Art. 2, 1(f)	EU high-risk AI systems which are not established in the territory of a third country...

Whereas	Annexes
(10)	The fundamental rights of natural persons should be protected
(11)	This Regulation should be based on the principle of proportionality
(19)	For the purposes of this Regulation, the identification of high-risk AI systems should be based on the following criteria:
(20)	Any processing of personal data and

Global vision	Global vision
(10)	(10) - (11) - (19) - (20) - (21) - (22) - (24) - (46) - (48) - (55) - (68) - (69) - (70) - (72) - (74) - (76) - (80) - (81) - (82) - (89) - (90) - (97) - (101) - (104) - (105) - (106) - (107) - (108) - (109) - (112) - (114) - (115) - (116) - (117) - (118) - (120) - (121) - (122) - (131) - (133) - (134) - (136) - (139) - (140) - (141) - (143) - (145) - (155) - (158) - (162) - (164) - (165) - (169) - (173) - (178) - (179)
(8)	VIII - IX - X

340 Purpose

WG 1

Management Process Product Altro...

AI Act Article	Variant
Art. 1, 1	The purpose of this Regulation is to improve the functioning of the internal market and to ensure the availability of high-quality AI services...
Art. 1, 2(a)	high-risk AI systems, including deepfakes, which are not established in the territory of a third country...
SECTION 2	Obligations for providers of general-purpose AI models
Art. 2, 1(a)	providers placing on the market or putting into service AI systems or deepfakes...
Art. 2, 6	This Regulation does not apply to AI systems of AI models, including deepfakes...

Whereas	Annexes
(1)	The purpose of this Regulation is to improve the functioning of the internal market and to ensure the availability of high-quality AI services...
(3)	AI systems can be especially harmful to the fundamental rights of natural persons
(12)	The notion of AI systems should be defined in a broad manner
(15)	The notion of AI systems should be defined in a broad manner

Global vision	Global vision
(1)	(1) - (3) - (12) - (15) - (17) - (18) - (24) - (25) - (31) - (32) - (33) - (34) - (35) - (38) - (39) - (43) - (52) - (54) - (58) - (59) - (60) - (64) - (65) - (67) - (70) - (74) - (84) - (85) - (89) - (93) - (94) - (96) - (97) - (99) - (100) - (101) - (102) - (103) - (104) - (105) - (106) - (107) - (108) - (109) - (110) - (111) - (112) - (113) - (114) - (115) - (116) - (117) - (127) - (128) - (133) - (134) - (139) - (141) - (149) - (151) - (153) - (158) - (163) - (164) - (165) - (169) - (173) - (174) - (177) - (179)
(3)	III - IV - VII - VIII - IX - X - XI - XII - XIII

Standards Global vision

Standards Global vision

Standards Global vision

Standards Global vision

328 Quality assurance

WG 1

Terms

- Governance
- Management
- Process
- Product
- Altro...

Quality model

AI Act Article	Whereas	Annexes
Art. 17, 1(c) techniques, procedures and systematic actions to be used for the development, maintenance and secure operation of the high-risk AI system.		
Global vision Art. 17, 1(c)	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision

259 Quality characteristics

WG 1
WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Quality model

AI Act Article	Whereas	Annexes
Global vision	Global vision (59) - (67)	Global vision IV

Whereas	Annexes
(59) Given their role and responsibilities, high-quality data and access to high-quality data sets are essential for the development, maintenance and secure operation of the high-risk AI system.	4 IV Technical documents
(67) High-quality data sets are essential for the development, maintenance and secure operation of the high-risk AI system.	6 VI Conformity assessment
	7 VII Conformity based on technical specifications
Global vision	Global vision

Standards
Global vision
25012:2008 ISO/IEC

327 Quality control

WG 2

Terms

- Governance
- Management
- Process
- Product
- Altro...

Quality model

AI Act Article	Whereas	Annexes
Art. 17, 1(c) techniques, procedures and systematic actions to be used for the development, maintenance and secure operation of the high-risk AI system.		
Global vision Art. 17, 1(c)	Global vision (27) - (134)	Global vision IV - VI - VII

Whereas	Annexes
(27) While the risk-based approach is the preferred approach, high-quality data and access to high-quality data sets are essential for the development, maintenance and secure operation of the high-risk AI system.	4 IV Technical documents
(134) Further to the technical specifications, high-quality data sets are essential for the development, maintenance and secure operation of the high-risk AI system.	6 VI Conformity assessment
	7 VII Conformity based on technical specifications
Global vision	Global vision

Standards
Global vision

57 Quality criteria

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Quality model

AI Act Article	Whereas	Annexes
Art. 10, 1 High-risk AI systems which make use of techniques involving the provision of AI models with data shall be developed on the basis of...		
Global vision Art. 10, 1	Global vision (111) - (173)	Global vision XIII

Whereas	Annexes
(111) It is appropriate to establish high-quality data sets for the development, maintenance and secure operation of the high-risk AI system.	7 XIII Criteria for the design and development of high-risk AI systems
(173) In order to ensure that the model is reliable, high-quality data sets are essential for the development, maintenance and secure operation of the high-risk AI system.	
Global vision	Global vision

Standards
Global vision
25024:2015 ISO/IEC - 5259-2:2024 ISO/IEC

The data presented have a value for research and not a legal value.

289 Quality management

WG 1

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 16, (c)	have a quality management system in place which complies with Article 17.
Art. 17	Quality management system
Art. 17, 1	Providers of high-risk AI systems shall put a quality management system in place that shall comply with the requirements of this Article.
Art. 17, 3	Providers of high-risk AI systems that are subject to obligations provided for in Articles 17 and 18 shall ensure that their quality management system is subject to regular internal audits and assessments conducted by independent bodies.
Art. 17, 4	For providers that are financial institutions subject to requirements provided for in Articles 17 and 18, the requirements of this Article shall not apply.
Global vision Art. 16, (c) - Art. 17 - Art. 17, 1 - Art. 17, 3 - Art. 17, 4 - Art. 18, 1(b) - Art. 31, 2 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 63, 1	

Whereas	Annexes
(66) Requirements	4 IV Technical document
(67) High-quality data	6 VI Conformity assessment
(81) The provider shall ensure that the data used for training, validation, testing and operation of the AI system are of high quality.	7 VII Conformity based on
(146) Moreover, in light of the requirements of Article 17, the provider shall ensure that the data used for training, validation, testing and operation of the AI system are of high quality.	
Global vision (66) - (67) - (81) - (146) - (158) - (173)	
Global vision IV - VI - VII	

Standards
Global vision

191 Quality management process

WG 1

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Art. 17, 4	For providers that are financial institutions subject to requirements provided for in Articles 17 and 18, the requirements of this Article shall not apply.
Art. 31, 2	Notified bodies shall satisfy the organisational, quality management, and technical requirements provided for in Articles 31 and 32.
Global vision Art. 17, 4 - Art. 31, 2	

(158) Union financial	4 IV Technical document
	6 VI Conformity assessment
Global vision (158)	
Global vision IV - VI	

Standards
Global vision
5338:2023 ISO/IEC

35 Quality model

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Art. 10, 1	High-risk AI systems which make use of techniques involving the use of high-quality data shall be subject to the requirements of this Article.
Global vision Art. 10, 1	

(27) While the risk-based approach is the preferred approach, high-quality data shall be used for training, validation, testing and operation of the AI system.	7 VII Conformity based on
(67) High-quality data shall be used for training, validation, testing and operation of the AI system.	XIII Criteria for the design and development of the AI system
(111) It is appropriate to ensure that the data used for training, validation, testing and operation of the AI system are of high quality.	
(173) In order to ensure that the data used for training, validation, testing and operation of the AI system are of high quality, the provider shall ensure that the data used for training, validation, testing and operation of the AI system are of high quality.	
Global vision (27) - (67) - (111) - (173)	
Global vision VII - XIII	

Standards
Global vision
25058:2024 ISO/IEC TS

118 Quality-in-use

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision	
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Global vision	Global vision
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Standards
Global vision
25019:2023 ISO/IEC - 12182:2015 ISO/IEC TR

The data presented have a value for research and not a legal value.

316 Quantification

WG 3	Sector	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
25223:2024 ISO/IEC AWI TS

313 Random variable

WG 3	Sector	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
25223:2024 ISO/IEC AWI TS

58 Re-use of the personal data

WG 3	Sector	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Art. 10, 5(b) the special categories of personal data are subject to technical Art. 10, 5(b)	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision

59 Recoverability

WG 3	Sector	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

Standards
Global vision
5259-2:2024 ISO/IEC -
25012:2008 ISO/IEC

300 Regression

WG 3

Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
4213-1 ISO/IEC AWI

60 Relevance

WG 3

Variant

- Governance
- Management
- Process
- Product
- Altro...

Art. 65, 2	The Board shall be composed of one representative per Member

Global vision
Art. 65, 2

(48)	The extent of the
(66)	Requirements

Global vision
(48) - (66)

4 IV	Technical document
? XI	Technical document

Global vision
IV - XI

Standards
Global vision
25024:2015 ISO/IEC -
5259-2:2024 ISO/IEC

61 Relevant data gaps or shortcomings that prevent compliance with this Regulation

WG 3

Variant

- Governance
- Management
- Process
- Product
- Altro...

Art. 10, 2(h)	the identification of relevant data gaps or shortcomings that prevent

Global vision
Art. 10, 2(h)

Global vision

Global vision

Standards
Global vision
5259-2:2024 ISO/IEC

211 Reliability

WG 3

Variant

- Governance
- Management
- Process
- Product
- Altro...

Global vision

(44)	There are serious
(59)	Given their role and
(60)	AI systems used in
(110)	General-purpose AI

Global vision
(44) - (59) - (60) - (110)

3 III	High-risk AI systems

Global vision
III

Standards
Global vision
25059:2023 ISO/IEC -
25010:2023 ISO/IEC -
26223:2024 ISO/IEC AWI
TS

62 Representative ness

WG 3

Governance

Management

Process

Product

Altro...

Variant

Al Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision

154 Residual risk

WG 2

Governance

Management

Process

Product

Altro...

Variant

Al Act Article
Art. 9, 5 The risk management measures referred to in paragraph 2, point (d).
Global vision
Art. 9, 5

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
27000:2018 ISO/IEC -
14971:2019 ISO

63 Resilience regarding errors, faults, inconsistency

WG 3

WG 2

Governance

Management

Process

Product

Altro...

dataset

Variant

Al Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision
5259-2:2024 ISO/IEC

272 Responsibility

WG 1

Governance

Management

Process

Product

Altro...

Variant

Al Act Article
Global vision

Whereas
Global vision

Annexes
Global vision

Standards
Global vision

WG Sector Terms Variant

237 Risk assessment techniques

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

IV Technical document

Standards
 Global vision
 31010:2019 IEC

157 Risk communication and consultation

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

Global vision

Global vision

Global vision

Standards
 Global vision
 27000:2018 ISO/IEC

238 Risk estimation

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 9, 2(b) the estimation and evaluation of the risks that may emerge when the following AI systems are used in situations where the providers of the AI system are not directly involved in the operation of the AI system.

Global vision

Art. 9, 2(b)

Global vision

Global vision

Standards
 Global vision
 14971:2019 ISO

158 Risk evaluation

WG 2

Governance
 Management
 Process
 Product
 Altro...

Variant

Art. 9, 2(b) the estimation and evaluation of the risks that may emerge when the following AI systems are used in situations where the providers of the AI system are not directly involved in the operation of the AI system.

Art. 73, 6 Following the reporting of a serious incident pursuant to paragraph 1, the providers of the AI system shall take the necessary measures to prevent the recurrence of such incidents.

Art. 75, 2 Where the relevant market surveillance authorities have sufficient reasons to consider compliance with the requirements of this Article to be necessary for the protection of the health and safety of natural persons, they may require the providers of the AI system to take the necessary measures to ensure compliance with the requirements of this Article.

Art. 79, 2 Where the market surveillance authority of a Member State has sufficient reasons to consider that the providers of the AI system are not directly involved in the operation of the AI system, it may require the providers of the AI system to take the necessary measures to ensure compliance with the requirements of this Article.

Art. 80, 1 Where a market surveillance authority has sufficient reasons to consider

Global vision

Art. 9, 2(b) - Art. 73, 6 - Art. 75, 2 - Art. 79, 2 - Art. 80, 1 - Art. 80, 2 - Art. 80, 7 - Art. 82, 1 - Art. 93, 1(b) - Art. 101, 1(d) - Art. 112, 11

(57) AI systems used in environments where the providers of the AI system are not directly involved in the operation of the AI system.

(59) Given their role and responsibilities, the providers of the AI system shall ensure that the AI system is used in a manner that is consistent with the intended purpose of the AI system.

(88) Along the AI value chain, the providers of the AI system shall ensure that the AI system is used in a manner that is consistent with the intended purpose of the AI system.

(114) The providers of the AI system shall ensure that the AI system is used in a manner that is consistent with the intended purpose of the AI system.

Global vision

(57) - (59) - (88) - (114) - (161) - (164)

Technical document

Criteria for the design and development of the AI system

Global vision

XI - XIII

Standards
 Global vision
 27000:2018 ISO/IEC - 14971:2019 ISO

242 Risk factors

WG 2

Variant

AI Act Article

Whereas

Annexes

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision
Art. 10, 2 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 72, 4 - Art. 95, 1		

Whereas	Annexes
(96) In order to efficient systems that...	
(110) General-purpose AI systems...	
Global vision	Global vision
(96) - (110)	

Standards
Global vision
 5469:2024 ISO/IEC TR

263 Risk governance

WG 2

Variant

AI Act Article

Whereas

Annexes

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision
Art. 10, 2 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 72, 4 - Art. 95, 1		

Whereas	Annexes
(27) While the risk-based approach...	
(49) As regards high-risk AI systems...	
(67) High-quality data for the development...	
(68) For the development and assessment of...	
Global vision	Global vision
(27) - (49) - (67) - (68) - (96) - (114) - (122) - (158) - (163) - (165) - (174) - (179)	

Standards
Global vision

101 Risk management

WG 2

Variant

AI Act Article

Whereas

Annexes

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision
Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(d) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8		

Whereas	Annexes
(55) As regards the risk management system...	3 III High-risk AI systems
(57) AI systems used in critical sectors...	4 IV Technical document
(60) AI systems used in critical sectors...	7 VII Conformity based on technical specifications
(64) To mitigate the risk of high-risk AI systems...	8 VIII Information to be submitted to the competent authority
Global vision	Global vision
(55) - (57) - (60) - (64) - (65) - (66) - (67) - (71) - (81) - (114) - (118) - (131) - (146) - (155) - (158) - (159) - (173)	III - IV - VII - VIII

Standards
Global vision
 42001:2023 ISO/IEC - 5259-3:2024 ISO/IEC - 23894:2023 ISO/IEC - 27000:2018 ISO/IEC - 24970 ISO/IEC AWI - 31000:2018 ISO - 25058:2024 ISO/IEC TS

159 Risk management process

WG 2

Variant

AI Act Article

Whereas

Annexes

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision
Art. 9, 2 - Art. 9, 10		

Whereas	Annexes
(57) AI systems used in critical sectors...	3 III High-risk AI systems
(64) To mitigate the risk of high-risk AI systems...	4 IV Technical document
(65) The risk management system shall be understood as a continuous iterative process...	
(71) Having regard to the specific characteristics...	
Global vision	Global vision
(57) - (64) - (65) - (71) - (114) - (155) - (158) - (159)	III - IV

Standards
Global vision
 27000:2018 ISO/IEC - 14971:2019 ISO

160 Risk treatment

WG 2

Terms

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article

Global vision

Whereas

(158) Union financial supervision law

Global vision

Annexes

Global vision

Standards
Global vision
 23894:2023 ISO/IEC - 27000:2018 ISO/IEC

274 Robot

NA

Terms

Governance
 Management
 Process
 Product
 Altro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
 24028:2023 ISO/IEC - TR - 29119-11:2020 ISO/IEC TR

18 Robustness

WG 2
WG 3

Terms

Governance
 Management
 Process
 Altro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
 25059:2023 ISO/IEC - 24029-1:2021 ISO/IEC TR - 24029-2:2023 ISO/IEC

65 Robustness achieved with redundancy, backup of fail-safe plan

WG 1
WG 3

Terms

Governance
 Management
 Process
 Altro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision

214 Safety

WG Sector Terms Variant

NA

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 1, 1	The purpose of this Regulation is to improve the functioning of the internal market and to ensure a high level of protection of the Union citizens, while maintaining a high level of innovation and competitiveness.
Art. 2, 9	This Regulation is without prejudice to the rules laid down by other Union law concerning the liability of a manufacturer.
Art. 3, (14)	'safety component' means a component of a product or of an AI system which is essential for the safety of the product or of the AI system.
Art. 3, (65)	'systemic risk' means a risk that is specific to the high-impact AI system, which, if it materialises, could have a significant impact on the functioning of the internal market, the Union legal order or on the safety of the Union citizens.
Art. 5, 1(f)	the placing on the market, the putting into service for this specific purpose, or the use of AI systems to the exception of a public display.
Global vision	
Art. 1, 1 - Art. 2, 9 - Art. 3, (14) - Art. 3, (65) - Art. 5, 1(f) - Art. 5, 1(h)(ii) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 5 - Art. 6, 7 - Art. 6, 8 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(ii) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(b)(iii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 8(a) - Art. 36, 9(a) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(iv) - Art. 59, 1(a)(v) - Art. 59, 1(b) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 112, 10	

Whereas	Annexes
(1) The purpose of this Regulation is to improve the functioning of the internal market and to ensure a high level of protection of the Union citizens, while maintaining a high level of innovation and competitiveness.	1 I List of Union harmonised standards
(4) AI is a fast evolving technology.	3 III High-risk AI systems
(7) In order to ensure a high level of protection of the Union citizens, the Union legal order or on the safety of the Union citizens.	4 IV Technical document
(8) A Union legal order or on the safety of the Union citizens.	
Global vision	
(1) - (4) - (7) - (8) - (9) - (19) - (20) - (27) - (33) - (44) - (46) - (47) - (48) - (49) - (50) - (51) - (52) - (53) - (55) - (64) - (65) - (66) - (67) - (72) - (75) - (91) - (110) - (115) - (125) - (130) - (140) - (157) - (171) - (176)	

Standards

Global vision

25010:2023 ISO/IEC - 14971:2019 ISO - 5469:2024 ISO/IEC TR - 24368:2022 ISO/IEC TR - 24029:2020 ISO/IEC TR - 25059-1 ISO/IEC AWI

240 Safety components of devices

WG Sector Terms Variant

NA

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 73, 10	For high-risk AI systems which are safety components of devices, or
Global vision	
Art. 73, 10	

Whereas	Annexes
(50) As regards AI systems that are	1 I List of Union harmonised standards
Global vision	
(50)	

Standards

Global vision

14971:2019 ISO

281 Satisfaction

WG Sector Terms Variant

WG 3

Quality in use

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Global vision	
(18)	

Whereas	Annexes
(18) The notion of	1 I List of Union harmonised standards
Global vision	
(18)	

Standards

Global vision

25058:2024 ISO/IEC TS

66 Security

WG Sector Terms Variant

WG 5
WG 3

Cybersecurity

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 2, 3	This Regulation does not apply to areas outside the scope of Union law, public security, components of the internal investigation, or public security components of the prevention, investigation, detection, or prosecution of criminal offences, or the investigation, detection, or prosecution of criminal offences, or the investigation, detection, or prosecution of criminal offences, or the investigation, detection, or prosecution of criminal offences.
Art. 3, (45)(a)	any public authority or body entrusted by Member States to exercise public authority and public powers for the purposes of law enforcement.
Art. 3, (45)(b)	any public authority or body entrusted by Member States to exercise law enforcement means activities carried out by law enforcement.
Art. 3, (46)	systemic risk, means a risk that is specific to the high-impact
Art. 3, (65)	systemic risk, means a risk that is specific to the high-impact
Global vision	
Art. 2, 3 - Art. 3, (45)(a) - Art. 3, (45)(b) - Art. 3, (46) - Art. 3, (65) - Art. 10, 5(b) - Art. 17, 1(i) - Art. 46, 1 - Art. 46, 2 - Art. 59, 2 - Art. 74, 12 - Art. 78, 1(c) - Art. 78, 2 - Art. 78, 3 - Art. 102	

Whereas	Annexes
(4) AI is a fast evolving technology.	1 I List of Union harmonised standards
(15) The notion of	7 VII Conformity based on
(17) The notion of	? X Union legislative act
(19) For the purposes of	
Global vision	
(4) - (15) - (17) - (19) - (24) - (40) - (58) - (76) - (103) - (110) - (115) - (130) - (167)	

Standards

Global vision

25059:2023 ISO/IEC - 25010:2023 ISO/IEC - 24029:2020 ISO/IEC TR - 9868 ISO/IEC DIS - 42006:2024 ISO/IEC DIS

314 Simulatability

WG 3

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
25223:2024 ISO/IEC AWI TS

108 Social responsibility

WG 1

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
24027:2021 ISO/IEC TR

250 Societal concerns

WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
25059:2023 ISO/IEC -
24368:2022 ISO/IEC TR -
25058:2024 ISO/IEC TS -
22443 ISO/IEC AWI TS

131 Societal risk

WG 4

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

(5) At the same time,
(27) While the risk-base
(5) - (27)

Global vision

Annexes

Global vision

Standards
Global vision
25019:2023 ISO/IEC -
25058:2024 ISO/IEC TS

MAPPING & TERMINOLOGY

WG Sector Terms Variant

The data presented here have a value for research and not a legal value.

Alphabetical ID



120 Society

WG 4

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 3, (65)	systemic risk' means a risk that is specific to the high-impact generative AI systems...
Art. 7, 2(j)	the magnitude and likelihood of benefits of the deployment of the AI system...
Art. 56, 3	The AI Office may invite all providers of general-purpose AI models, as well as providers of general-purpose AI models...
Art. 58, 2(i)	that AI regulatory sandboxes facilitate the development of tools and systems...
Art. 67, 2	The membership of the advisory forum shall represent a balanced selection of stakeholders...
Global vision	
Art. 3, (65) - Art. 7, 2(j) - Art. 56, 3 - Art. 58, 2(i) - Art. 67, 2 - Art. 95, 3 - Art. 112, 10	

Whereas	
(3)	AI systems can be generated in an automated manner...
(6)	Given the major impact of general-purpose AI systems...
(27)	While the risk-based approach...
(56)	The deployment of AI systems...
Global vision	
(3) - (6) - (27) - (56) - (58) - (95) - (112) - (115) - (130) - (139) - (150) - (165)	

Annexes	
Global vision	
25019:2023 ISO/IEC	

Standards Global vision 25019:2023 ISO/IEC

254 Software

WG 3

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 13, 3(e)	the computational and hardware resources needed, the expected ...
Global vision	
Art. 13, 3(e)	

Whereas	
(12)	The notion of AI system is defined in Article 4(1)...
(88)	Along the AI value chain...
(102)	Software and data play a crucial role...
(103)	Free and open-source AI systems...
Global vision	
(12) - (88) - (102) - (103) - (128) - (155)	

Annexes	
4 IV	Technical document
XI	Technical document
XII	Transparency information
Global vision	
IV - XI - XII	

Standards Global vision 12182:2015 ISO/IEC TR - 62304:2006 IEC

121 Software quality

WG 3

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Global vision	

Whereas	
Global vision	

Annexes	
4 IV	Technical document
Global vision	
IV	

Standards Global vision 25019:2023 ISO/IEC

107 Software testing

WG 3

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Global vision	

Whereas	
(88)	Along the AI value chain...
Global vision	
(88)	

Annexes	
4 IV	Technical document
XI	Technical document
XII	Transparency information
Global vision	
IV - XI - XII	

Standards Global vision 24027:2021 ISO/IEC TR

WG Sector Terms Variant

- WG 1
- Governance
 - Management
 - Process
 - Product
 - Altro...

Variant

AI Act Article

Art. 40, 3	The participants in the standardisation process shall seek to promote investment and innovation in AI technologies through research and development.

Global vision
Art. 40, 3

Whereas

(139)	The objectives of the Regulation shall be to:
(148)	This Regulation shall apply to:
(150)	With a view to:

Annexes

Global vision (139) - (148) - (150)

Global vision

Standards
Global vision
 25019:2023 ISO/IEC 12182:2015 ISO/IEC TR - 31000:2018 ISO - 8000 - 1:2022 ISO - 24028:2020 ISO/IEC TR - 6254 ISO/IEC CD TS - 5339:2024 ISO/IEC - 12791-1:2024 ISO/IEC DTS

309 Statistical confidence

- WG 3
- Governance
 - Management
 - Process
 - Product
 - Altro...

Randomness

Global vision

Global vision

Global vision

Standards
Global vision
 25223:2024 ISO/IEC AWI TS

127 Suitability

- WG 3
- Governance
 - Management
 - Process
 - Product
 - Altro...

Art. 10, 2(e)
 an assessment of the availability, quantity and suitability of the data

Global vision
 Art. 10, 2(e)

Global vision

Global vision

Standards
Global vision
 25019:2023 ISO/IEC

88 Support

- WG 1
- Governance
 - Management
 - Process
 - Product
 - Altro...

Art. 1, 2(g)
 measures to support innovation, with a particular focus on SMEs, the self-employed and micro-entities, and to encourage the uptake of AI by SMEs, the self-employed and micro-entities.

Art. 5, 1(d)
 the following on the market and putting into service for this specific purpose: 2) the user of AI systems for machine risk assessment of

Art. 26, 2
 employers shall assign human oversight to natural persons who have the necessary competence, training and authority to bear the responsibility for notified bodies which are designated under any other Union law.

Art. 29, 4
 the notifying authority has confirmed that no certificates relevant to the notified body have been issued.

Art. 36, 8(b)
 the notifying authority has confirmed that no certificates relevant to the notified body have been issued.

Global vision
 Art. 1, 2(g) - Art. 5, 1(d) - Art. 26, 2 - Art. 29, 4 - Art. 36, 8(b) - Art. 56, 3 - CHAPTER VI - Art. 57, 1 - Art. 57, 6 - Art. 57, 15 - Art. 58, 2(c) - Art. 66, (a) - Art. 66, (f) - Art. 68, 1 - Art. 68, 3 - Art. 69, 1 - Art. 69, 2 - Art. 69, 3 - Art. 71, 6 - Art. 74, 11 - Art. 84 - Art. 84, 1 - Art. 84, 2 - Art. 112, 4(c)

(1) The purpose of this Regulation is to:

(4) AI is a fast evolving technology

(8) A Union legal framework is needed in order to obtain the benefits of AI.

(20) In order to obtain the benefits of AI, the Union should...

Global vision
 (1) - (4) - (8) - (20) - (22) - (25) - (59) - (61) - (68) - (72) - (103) - (135) - (139) - (142) - (143) - (145) - (148) - (149) - (151) - (152) - (160) - (162) - (163)

3 III High-risk AI systems

Global vision

Standards
Global vision
 8183:2023 ISO/IEC - 42001:2023 ISO/IEC

MAPPING & TERMINOLOGY

WG Sector Terms

Variant

AI Act Article

Whereas

Annexes

Alphabetical ID

The data presented have a value for research and not a legal value.

323 Surveillance

WG 1 grid with Governance, Management, Process, Product, Altro... checkboxes

Variant grid

Art. 1, 2(f) rules on market monitoring, market surveillance, governance and...
Art. 3, (26) market surveillance authority means the national authority carrying...
Art. 3, (48) national competent authority means a notifying authority or a market...
Art. 5, 4 Without prejudice to paragraph 3, each use of a real-time remote...
Art. 5, 6 National market surveillance authorities and the national data...

(32) The use of AI...
(36) In order to carry out...
(43) The placing on the...
(59) Given their role and...

1 I List of Union harmon...
7 VII Conformity based o...

Global vision

Global vision

Standards Global vision

69 Synthetic or anonymised data

WG 3 grid with Governance, Management, Process, Product, Altro... checkboxes

Variant grid

Art. 10, 5(a) the bias detection and correction cannot be effectively fulfilled by...
Art. 59, 1(b) the data processed are necessary for complying with one or more of...

Global vision

Global vision

Standards Global vision 5258-2:2024 ISO/IEC

122 System

WG 3 grid with Governance, Management, Process, Product, Altro... checkboxes

Variant grid

Art. 2, 1(c) providers and deployers of AI systems that have their place of...
Art. 2, 1(e) product manufacturers placing on the market or putting into service an...
Art. 2, 12 This Regulation does not apply to AI systems released under free and...
Art. 3, (1) AI system means a machine-based system that is designed for...
Art. 3, (10) training available on the market means the supply of an AI system or...

(12) The notion of AI...
(13) The notion of...
(17) The notion of...
(18) The notion of...

1 I List of Union harmon...
4 IV Technical document...
5 V EU declaration of cc...
6 VI Conformity assess...

Global vision

Global vision

Standards Global vision 5338:2023 ISO/IEC - 25019:2023 ISO/IEC 12182:2015 ISO/IEC TR - 52523:2024 ISO/IEC AWI TS

123 Target entity

WG 3 grid with Governance, Management, Process, Product, Altro... checkboxes

Variant grid

Global vision

Global vision

Global vision

Standards Global vision 25019:2023 ISO/IEC

246 Technical documentation

WG 3
WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	Variant
Art. 3, (12)	intended purpose means the use for which an AI system is intended
Art. 11	technical documentation
Art. 11, 1	The technical documentation of a high-risk AI system shall be drawn up before the system is placed on the market and updated throughout its lifecycle
Art. 11, 2	Where a high-risk AI system related to a product covered by the Union harmonisation legislation listed in Section 4 of Annex I is placed on the market, the manufacturer shall ensure that the technical documentation is available to the competent authorities of the Member States for the duration of the validity of the CE mark
Art. 11, 3	The Commission is empowered to adopt delegated acts in accordance with Article 42 of this Regulation in order to: (a) specify the content of the technical documentation referred to in paragraph 1; (b) specify the format and the manner in which the technical documentation referred to in paragraph 1 shall be drawn up and updated; (c) specify the manner in which the technical documentation referred to in paragraph 1 shall be made available to the competent authorities of the Member States
Global vision	
Art. 3, (12) - Art. 11 - Art. 11, 1 - Art. 11, 2 - Art. 11, 3 - Art. 18, 1(a) - Art. 18, 3 - Art. 22, 3(a) - Art. 22, 3(b) - Art. 23, 1(d) - Art. 23, 3 - Art. 25, 2 - Art. 43, 1(b) - Art. 43, 4 - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(b) - Art. 53, 1(a) - Art. 54, 3(a) - Art. 54, 3(b) - Art. 59, 1(i) - Art. 72, 3 - Art. 74, 12 - Art. 77, 3 - Art. 78, 3 - Art. 83, 1(g)	

Whereas

Annexes

(9) Harmonised rules applicable to the high-risk AI systems	4 IV Technical document
(66) Requirements	6 VI Conformity assessment
(71) Having	7 VII Conformity based on
(101) Providers of generative AI systems	7 XI Technical document
Global vision	
(9) - (66) - (71) - (101) - (109) - (173)	
Global vision	
IV - VI - VII - XI - XII	

Standards
Global vision
 82079-1:2019 IEC/IEEE

64 Terms related to AI

WG 3
WG 1
WG 4
WG 2

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision	
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(57) AI systems used in environment	3 III High-risk AI systems
	4 IV Technical document
Global vision	
(57)	
Global vision	
III - IV	

Standards
Global vision
 25059:2023 ISO/IEC - 22989:2022 ISO/IEC

206 Terms related to computer vision

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision	
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Global vision	
Global vision	

Standards
Global vision
 22989:2022 ISO/IEC

201 Terms related to data

WG 3

Terms

Variant

Governance
 Management
 Process
 Product
 Altro...

Global vision	
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(57) AI systems used in environment	4 IV Technical document
Global vision	
(57)	
Global vision	
IV	

Standards
Global vision
 22989:2022 ISO/IEC

202 Terms related to machine learning

WG 3

<input checked="" type="checkbox"/>	AI Act
<input type="checkbox"/>	AI Act sub-articles
<input type="checkbox"/>	Whereas
<input type="checkbox"/>	Annexes
<input type="checkbox"/>	Mapping & Terminology

Terms

<input type="checkbox"/>	Governance
<input type="checkbox"/>	Management
<input type="checkbox"/>	Process
<input checked="" type="checkbox"/>	Product
<input type="checkbox"/>	Intro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
22989:2022 ISO/IEC

205 Terms related to natural language processing

WG 3

<input checked="" type="checkbox"/>	AI Act
<input type="checkbox"/>	AI Act sub-articles
<input type="checkbox"/>	Whereas
<input type="checkbox"/>	Annexes
<input type="checkbox"/>	Mapping & Terminology

Terms

<input type="checkbox"/>	Governance
<input type="checkbox"/>	Management
<input type="checkbox"/>	Process
<input checked="" type="checkbox"/>	Product
<input type="checkbox"/>	Intro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
22989:2022 ISO/IEC

203 Terms related to neural networks

WG 3

<input checked="" type="checkbox"/>	AI Act
<input type="checkbox"/>	AI Act sub-articles
<input type="checkbox"/>	Whereas
<input type="checkbox"/>	Annexes
<input type="checkbox"/>	Mapping & Terminology

Terms

<input type="checkbox"/>	Governance
<input type="checkbox"/>	Management
<input type="checkbox"/>	Process
<input checked="" type="checkbox"/>	Product
<input type="checkbox"/>	Intro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
22989:2022 ISO/IEC

204 Terms related to trustworthiness

WG 4

<input checked="" type="checkbox"/>	AI Act
<input type="checkbox"/>	AI Act sub-articles
<input type="checkbox"/>	Whereas
<input type="checkbox"/>	Annexes
<input type="checkbox"/>	Mapping & Terminology

Terms

<input checked="" type="checkbox"/>	Governance
<input checked="" type="checkbox"/>	Management
<input checked="" type="checkbox"/>	Process
<input checked="" type="checkbox"/>	Product
<input type="checkbox"/>	Intro...

Variante

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
22989:2022 ISO/IEC

284 Test data

WG 3	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article

Art. 60, 4(i)	the subjects of the testing in real world conditions have given informed consent to participate in the testing in accordance with Article 62 or in the case of Article 63
Global vision	
Art. 60, 4(i)	

Whereas

Annexes

4 IV	Technical document
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Standards
Global vision
 29119-11:2020 ISO/IEC TR

196 Testing

WG 3	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

Art. 2, 8	This Regulation does not apply to any research, testing or conformity assessment body means a body that performs third-party conformity assessment in order to provide technical verification of their products or services
Art. 3, (21)	testing data means data used for providing an independent evaluation of the capabilities of the system to provide the expected performance of that system
Art. 3, (32)	testing data means data used for providing an independent evaluation of the capabilities of the system to provide the expected performance of that system
Art. 3, (59)	real-world testing plan means a document that describes the objectives, methodology, procedures, resources, and other relevant information for testing in real-world conditions
Art. 3, (57)	testing in real-world conditions means the temporary testing of an AI system in the real world
Global vision	
Art. 2, 8 - Art. 3, (21) - Art. 3, (32) - Art. 3, (59) - Art. 3, (57) - Art. 3, (59) - Art. 3, (59) - Art. 8, 2 - Art. 9, 6 - Art. 9, 7 - Art. 9, 8 - Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 10, 6 - Art. 13, 3(b)(vi) - Art. 53, 1(a) - Art. 55, 1(a) - Art. 57, 5 - Art. 57, 6 - Art. 57, 11 - Art. 58, 2(f) - Art. 58, 2(i) - Art. 58, 3 - Art. 58, 4 - Art. 59, 1 - Art. 59, 1(i) - Art. 59, 3 - Art. 60 - Art. 60, 1 - Art. 60, 2 - Art. 60, 3 - Art. 60, 4 - Art. 60, 4(a) - Art. 60, 4(b) - Art. 60, 4(c) - Art. 60, 4(d) - Art. 60, 4(e) - Art. 60, 4(f) - Art. 60, 4(g) - Art. 60, 4(h) - Art. 60, 4(i) - Art. 60, 4(j) - Art. 60, 5 - Art. 60, 6 - Art. 60, 7 - Art. 60, 8 - Art. 60, 9 - Art. 61 - Art. 61, 1 - Art. 61, 1(a) - Art. 61, 1(b) - Art. 61, 1(c) - Art. 61, 1(e) - Art. 61, 2 - Art. 66, (d) - Art. 69, 3 - Art. 74, 12 - Art. 74, 13(b) - Art. 76 - Art. 76, 1 - Art. 76, 2 - Art. 76, 3(a) - Art. 76, 3(b) - Art. 76, 5 - Art. 77, 3 - Art. 84 - Art. 84, 1 - Art. 84, 2 - Art. 92, 7 - Art. 105	

(25)	This Regulation shall be assessed to mitigate the risk from high-risk AI systems
(64)	High-quality data
(67)	High-quality data
(68)	For the development and assessment of
Global vision	
(25) - (64) - (67) - (68) - (71) - (88) - (114) - (138) - (139) - (140) - (141) - (145) - (147) - (148) - (152)	

4 IV	Technical document
7 VII	Conformity based on...
9 IX	Information to be su...
7 XI	Technical document
Global vision	
IV - VII - IX - XI - XII	

Standards
Global vision
 24029-1:2021 ISO/IEC TR - 24028:2020 ISO/IEC TR - 29119-11:2020 ISO/IEC TR - 12791-2:2024 ISO/IEC DTS

70 Testing data sets

WG 3	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

Art. 10, 1	High-risk AI systems which make use of techniques involving the processing and management of personal data shall be subject to data governance and management practices appropriate for the intended purpose of the system
Art. 10, 2	Training, validation and testing data sets shall be subject to data governance and management practices appropriate for the intended purpose of the system
Art. 10, 3	Training, validation and testing data sets shall be subject to data governance and management practices appropriate for the intended purpose of the system
Art. 10, 6	For the development of high-risk AI systems not using techniques involving the processing of personal data, the data sets shall be subject to data governance and management practices appropriate for the intended purpose of the system
Art. 13, 3(b)(vi)	When appropriate, specifications for the input data, or any other related information, to ensure the reliability, availability and security of the system
Global vision	
Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 10, 6 - Art. 13, 3(b)(vi) - Art. 74, 12	

(67)	High-quality data
(68)	For the developme...
Global vision	
(67) - (68)	

4 IV	Technical document
7 VII	Conformity based on...
Global vision	
IV - VII	

Standards
Global vision

71 The personal data in the special categories of personal data are deleted once the bias has been corrected

WG 1	Terms	Variant

- Governance
- Management
- Process
- Product
- Altro...

Global vision	

Global vision	

Global vision	

Standards
Global vision

200 Time series

 WG 1

- Governance
- Management
- Process
- Product
- Altro...

 Variant

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

 Standards
 Global vision
 24029-2:2023 ISO/IEC

72 Timeliness

 WG 3

- Governance
- Management
- Process
- Product
- Altro...

 Variant

AI Act Article	Whereas	Annexes
Global vision	Global vision	Global vision

Whereas	Annexes
Global vision	Global vision

 Standards
 Global vision

73 Traceability

 WG 3

- Governance
- Management
- Process
- Product
- Altro...

 Variant

AI Act Article	Whereas	Annexes
Art. 12, 2	In order to ensure a level of traceability of the functioning of a high-risk AI system, the manufacturer shall ensure that the data used for training, validation and testing of the system are available and accessible.	(27) While the risk-based approach is important, it is also important to have a high level of transparency and accountability.
Global vision	Global vision	Global vision
Art. 12, 2		

Whereas	Annexes
(27) While the risk-based approach is important, it is also important to have a high level of transparency and accountability.	5 V EU declaration of conformity 8 VIII Information to be supplied by the manufacturer
Global vision	Global vision
(27) - (53) - (71)	V - VIII

 Standards
 Global vision
 25024:2015 ISO/IEC -
 5259-2:2024 ISO/IEC -
 24970 ISO/IEC AWI -
 25012:2008 ISO/IEC

233 Training

 WG 1
 WG 3

- Governance
- Management
- Process
- Product
- Altro...

 Variant

AI Act Article	Whereas	Annexes
Art. 3, (29)	'training data' means data used for training an AI system through fitting the model to the data set;	(4) AI is a fast evolving technology.
Art. 3, (31)	validation data set means a separate data set or part of the training data set, which is used to evaluate the model's performance on data that it has not seen during training;	(56) The deployment of AI systems shall take measures to ensure, to the extent possible, that the system remains effective and reliable.
Art. 4	Providers and deployers of AI systems shall take measures to ensure, to the extent possible, that the system remains effective and reliable.	(65) The risk-based approach is important, it is also important to have a high level of transparency and accountability.
Art. 9, 5(c)	provision of information required pursuant to Article 13 shall, where appropriate, include information on the high-risk AI system, the risk assessment, and the results of the risk assessment.	(67) High-quality data sets shall be used for training, validation and testing of high-risk AI systems which make use of techniques involving the use of personal data.
Art. 10, 1	High-risk AI systems which make use of techniques involving the use of personal data shall be subject to the requirements of Article 10, 2.	(71) Having regard to the complexity of high-risk AI systems, it is important to ensure that they are developed and deployed in a secure and reliable manner.
Global vision	Global vision	Global vision
Art. 3, (29) - Art. 3, (31) - Art. 4 - Art. 9, 5(c) - Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 10, 6 - Art. 13, 3(b)(vi) - Art. 14, 5 - Art. 15, 5 - Art. 26, 2 - Art. 51, 2 - Art. 53, 1(a) - Art. 53, 1(d) - Art. 56, 2(b) - Art. 57, 5 - Art. 59, 1 - Art. 59, 1(i) - Art. 59, 3 - Art. 60, 4(i) - Art. 62, 1(b) - Art. 66, (j) - Art. 74, 12 - Art. 95, 2(b)		(4) - (56) - (65) - (67) - (68) - (69) - (71) - (73) - (76) - (88) - (91) - (104) - (105) - (106) - (107) - (108) - (109) - (110) - (111) - (112) - (139) - (143)

Whereas	Annexes
(4) AI is a fast evolving technology.	3 III High-risk AI systems 4 IV Technical document
(56) The deployment of AI systems shall take measures to ensure, to the extent possible, that the system remains effective and reliable.	7 VII Conformity based on evidence ? XI Technical document
(65) The risk-based approach is important, it is also important to have a high level of transparency and accountability.	
(67) High-quality data sets shall be used for training, validation and testing of high-risk AI systems which make use of techniques involving the use of personal data.	
Global vision	Global vision
(4) - (56) - (65) - (67) - (68) - (69) - (71) - (73) - (76) - (88) - (91) - (104) - (105) - (106) - (107) - (108) - (109) - (110) - (111) - (112) - (139) - (143)	III - IV - VII - XI - XII - XIII

 Standards
 Global vision
 24028:2020 ISO/IEC TR

New

MAPPING & TERMINOLOGY

The data presented here a value for research and not a legal value.

Alphabetical | ID

WG Sector Terms Variant

Whereas Annexes

74 Training, validation, testing datasets

WG 3

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article Global vision

Whereas Global vision

Annexes Global vision

Standards
Global vision
 25024:2015 ISO/IEC -
 5259-2:2024 ISO/IEC TR -
 24029-1:2021 ISO/IEC TR

243 Transparency

WG 3

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article Global vision Art. 1, 2(d) - Art. 13 - Art. 13, 1 - CHAPTER IV - Art. 50 - Art. 50, 4 - Art. 50, 6 - Art. 96, 1(d) - Art. 99 - 4(g) - Art. 112, 2(b) - Art. 112, 11(c)

Whereas Global vision (9) - (26) - (27) - (53) - (59) - (60) - (66) - (67) - (72) - (74) - (94) - (101) - (102) - (104) - (107) - (131) - (132) - (134) - (135) - (137) - (157) - (173) - (174)

Annexes Global vision Xii

Standards
Global vision
 25059:2023 ISO/IEC -
 5469:2024 ISO/IEC TR -
 24028:2020 ISO/IEC TR -
 25223:2024 ISO/IEC AWI TS

135 Trustworthiness

WG 4

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article Global vision

Whereas Global vision (64) - (123)

Annexes Global vision

Standards
Global vision
 25019:2023 ISO/IEC -
 24028:2020 ISO/IEC TR

96 Trustworthy

WG 4

- Governance
- Management
- Process
- Product
- Altro...

AI Act Article Global vision Art. 1, 1 - Art. 95, 2(a)

Whereas Global vision (1) - (2) - (3) - (7) - (8) - (20) - (27) - (68) - (89) - (165) - (176)

Annexes Global vision

Standards
Global vision

315 Uncertainty

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

(139) The objectives of this AI Act shall be to:

Global vision

Annexes

Global vision

Standards
Global vision
 25223:2024 ISO/IEC AWI TS

75 Understandability

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
 5258-2:2024 ISO/IEC - 25012:2008 ISO/IEC TS

81 Updating

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article
Art. 9, 2 The risk management system shall be understood as a continuous
Art. 10, 2(c) relevant data-preparation processing operations, such as annotation, labeling, detection, selection, classification and augmentation,
Art. 43, 5 The Commission is empowered to adopt delegated acts in accordance with Article 47 in order to supplement and amend in a non-essential
Art. 47, 5 The Commission is empowered to adopt delegated acts in accordance with Article 47 in order to supplement and amend in a non-essential
Art. 52, 4 The Commission may designate a general purpose AI model as

Global vision
 Art. 9, 2 - Art. 10, 2(c) - Art. 43, 5 - Art. 47, 5 - Art. 52, 4 - Art. 71, 1

Whereas

Global vision

Annexes

Global vision

Standards
Global vision

97 Usability

WG 3

Governance
 Management
 Process
 Product
 Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
 25059:2023 ISO/IEC - 25019:2023 ISO/IEC - 25058:2024 ISO/IEC TS

The data presented have a value for research and not a legal value.

258 Use-cases

WG 1		Segmentation
	<input type="checkbox"/>	
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	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 7, 1	The Commission is empowered to adopt delegated acts in accordance with Article 42 in order to amend Annex III by adding or modifying the scope of...
Global vision	Art. 7, 1

Whereas	Annexes
(53) It is also important...	
(96) The objectives of it...	
Global vision	Global vision
(53) - (96)	

Standards

Global vision

24030:2024 ISO/IEC TR - 21221 ISO/IEC WD

124 User

WG 1		Segmentation
	<input type="checkbox"/>	
WG 2	<input type="checkbox"/>	
	<input type="checkbox"/>	
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	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 71, 4	With the exception of the section referred to in Article 49(4) and Article...
Global vision	Art. 71, 4

Whereas	Annexes
(131) In order to facilitate...	
Global vision	Global vision
(131)	IV

Standards

Global vision

25019:2023 ISO/IEC - 26514:2022 ISO/IEC/IEEE - 21221 ISO/IEC WD

76 Validation

WG 2		Segmentation
	<input type="checkbox"/>	
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	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 3, (30)	'validation data' means data used for providing an evaluation of the...
Art. 3, (31)	'validation data set' means a separate data set or part of the training...
Art. 10, 1	High-risk AI systems which make use of techniques involving the...
Art. 10, 2	Training, validation and testing data sets shall be subject to data...
Art. 10, 3	Training, validation and testing data sets shall be relevant, sufficiently...
Global vision	Art. 3, (30) - Art. 3, (31) - Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 13, 3(b)(vi) - Art. 17, 1(d) - Art. 57, 5 - Art. 59, 1(i) - Art. 74, 12

Whereas	Annexes
(67) High-quality data...	
(68) For the development...	
(71) Having...	
(139) The objectives of it...	
Global vision	Global vision
(67) - (68) - (71) - (139)	IV - VII - XI - XII

Standards

Global vision

25024:2015 ISO/IEC - 5259-2:2024 ISO/IEC - 22889:2022 ISO/IEC - 24028:2020 ISO/IEC TR

294 Verification

WG 2		Segmentation
	<input type="checkbox"/>	
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	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Governance
 Management
 Process
 Product
 Altro...

AI Act Article	
Art. 3, (36)	'biometric verification' means the automated, one-to-one verification...
Art. 12, 3(d)	The identification of the natural persons involved in the verification of...
Art. 14, 5	For high-risk AI systems referred to in point (1a) of Annex III, the...
Art. 17, 1(b)	As biometric data...
Art. 29, 3	Where the conformity assessment body concerned cannot provide an...
Global vision	Art. 3, (36) - Art. 12, 3(d) - Art. 14, 5 - Art. 17, 1(b) - Art. 29, 3

Whereas	Annexes
(15) The notion of...	
(17) The notion of...	
(54) As biometric data...	
(60) AI systems used in...	
Global vision	Global vision
(15) - (17) - (54) - (60) - (67)	III

Standards

Global vision

25019:2023 ISO/IEC

110 Verification and validation

WG 2

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

(67) High-quality data and services for high

Global vision (67)

Annexes

Global vision

Standards
Global vision
8183:2023 ISO/IEC - 17847 ISO/IEC TS

321 Visualization

WG 2

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

Global vision

Annexes

Global vision

Standards
Global vision
5258-6:2024 CD TR

161 Vulnerability

WG 1

Terms

- Governance
- Management
- Process
- Product
- Altro...

Variant

AI Act Article

Global vision

Whereas

(110) General-purpose AI models used for

Global vision (110)

Annexes

Global vision

Standards
Global vision
27000:2018 ISO/IEC