ISO/IEC 42001:2023-12 (E)

Information technology - Artificial intelligence - Management system

Contents

Page

Foreword ..... **v**

Introduction ..... **vi**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Context of the organization **5**
4.1 Understanding the organization and its context 5
4.2 Understanding the needs and expectations of interested parties 6
4.3 Determining the scope of the AI management system 6
4.4 AI management system 6

5 Leadership **7**
5.1 Leadership and commitment 7
5.2 AI policy 7
5.3 Roles, responsibilities and authorities 8

6 Planning **8**
6.1 Actions to address risks and opportunities 8
6.1.1 General 8
6.1.2 AI risk assessment 9
6.1.3 AI risk treatment 9
6.1.4 AI system impact assessment 10
6.2 AI objectives and planning to achieve them 10
6.3 Planning of changes 11

7 Support **11**
7.1 Resources 11
7.2 Competence 11
7.3 Awareness 12
7.4 Communication 12
7.5 Documented information 12
7.5.1 General 12
7.5.2 Creating and updating documented information 12
7.5.3 Control of documented information 13

8 Operation **13**
8.1 Operational planning and control 13
8.2 AI risk assessment 13
8.3 AI risk treatment 14
8.4 AI system impact assessment 14

9 Performance evaluation **14**
9.1 Monitoring, measurement, analysis and evaluation 14
9.2 Internal audit 14
9.2.1 General 14
9.2.2 Internal audit programme 14
9.3 Management review 15
9.3.1 General 15
9.3.2 Management review inputs 15
9.3.3 Management review results 15

10 Improvement **15**
10.1 Continual improvement 15
10.2 Nonconformity and corrective action 16
Annex A (normative) **Reference control objectives and controls** **17**
Annex B (normative) **Implementation guidance for AI controls** **21**
Annex C (informative) **Potential AI-related organizational objectives and risk sources** **46**
Annex D (informative) **Use of the AI management system across domains or sectors** **49**
Bibliography **51**