ISO 23234:2021-02 (E)

Buildings and civil engineering works - Security - Planning of security measures in the built environment

Contents

Page

Foreword ..... **v**

Introduction ..... **vi**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Planning of security measures for the built environment **5**

4.1 General 5

4.2 Security planning as part of risk management 6

4.3 Size of projects 6

4.4 Division of the building process into stages 6

4.4.1 General 6

4.4.2 Strategic definition 7

4.4.3 Preparation and brief 8

4.4.4 Concept design 8

4.4.5 Developed and technical design 8

4.4.6 Construction 8

4.4.7 Testing and handover 9

4.4.8 In use 9

4.4.9 Decommissioning 9

4.5 Organization and principal 9

4.6 Special advisers in security projects 10

4.6.1 General 10

4.6.2 Security planner 10

4.6.3 Security risk adviser 10

4.6.4 Technical security adviser 11

4.6.5 Operational security adviser 12

4.6.6 Project information security adviser 12

5 Security deliverables in stages **13**

5.1 Strategic definition 13

5.1.1 Asset inventory 13

5.1.2 Protective security objectives 13

5.1.3 Requirements for protective security planning 14

5.1.4 Threat assessment, scenario selection and design-basis threats 14

5.1.5 Information security for the project 15

5.1.6 Security risk analysis (strategic) 15

5.1.7 Clarification of conditions 15

5.2 Preparation and brief 16

5.2.1 Input to the dependency map 16

5.2.2 Security risk analysis (preparation and brief) 16

5.2.3 External requirements report 16

5.2.4 Security strategy 16

5.2.5 Input to zoning 17

5.2.6 Input to the spatial and functional programming 17

5.2.7 Identification and assessment of security measures 17

5.2.8 Cost survey 17

5.2.9 Contributions to preliminary design report 18

5.3 Concept design 18

5.3.1 Reassessment of security objectives 18

5.3.2 Security risk analysis (concept) 18
5.3.3 Reassessment of security strategy 18
5.3.4 Description of security measures 18
5.3.5 Integration of security measures 19
5.3.6 Selection of security measures 19
5.3.7 Input to operational requirements 19
5.3.8 Cost survey for concept 19
5.4 Developed and technical design 19
5.4.1 Input to tender drawings 19
5.4.2 Input to delivery and job descriptions 20
5.4.3 Contributions in tender evaluation 20
5.4.4 Assessment of final design 20
5.5 Construction 20
5.5.1 Implementation control 20
5.5.2 Participation in functional tests and commissioning 21
5.5.3 Input to the operations and maintenance manuals 21
5.5.4 Input to operational requirements 21
5.5.5 Requirements for alterations in security measures 21
5.5.6 Assessment of as-built design 22
5.6 Testing and handover 22
5.6.1 Participation in handover 22
5.6.2 Completeness check 22
5.6.3 Quality and functionality check 22
5.7 In use 22
5.7.1 Contribution to trial use 22
5.7.2 Security training 22
5.7.3 Security verification 23
5.8 Decommissioning 23
5.8.1 Overview of sensitive installations 23
5.8.2 Security risk assessment (decommissioning) 23
Bibliography **24**