

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