

ISO/IEC 24761:2019-10 (E)

Information technology - Security techniques - Authentication context for biometrics

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	5
5	Model and framework of ACBio	6
5.1	Biometric enrolment and verification process model and Biometric Processing Unit	6
5.2	BPU role and biometric capability class	8
5.2.1	Overview	8
5.2.2	BPU role	9
5.2.3	Biometric capability class	12
5.3	Framework for use of ACBio	17
5.3.1	General	17
5.3.2	Preparation in the production process	18
5.3.3	Preparation in the subject enrolment process	20
5.3.4	ACBio instance generation in the biometric verification process	21
5.3.5	Validation of biometric verification process with ACBio instances	23
6	ACBio instance	23
6.1	General	23
6.2	BPU information block	25
6.3	Biometric process block	26
6.4	BRT certificate information	27
7	Definition of components in BPU Information Block	28
7.1	BPU certificate	28
7.2	BPU Report Information	29
7.2.1	General	29
7.2.2	BPU Function Report	30
7.2.3	BPU Security Report	36
8	BRT certificate	38
8.1	General	38
8.2	BRT Content Information	39
8.3	Format Owner and Format Type values	41
Annex A (normative)	ASN.1 module for ACBio	42
Annex B (informative)	Implementation examples	50
Bibliography		75